CLEANUP ACTION REPORT

FORMER WSDOT MAINTENANCE FACILITY

512 E SUNSET DRIVE, BELLINGHAM, WA

FSID #84242359

VCP PROJECT NO. NW3385

SUBMITTED BY:

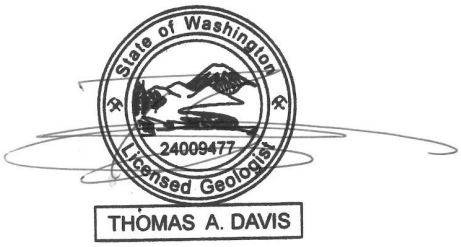
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CERTIFICATION STATEMENT

All geologic and hydrogeologic work performed pursuant to this report was conducted under the supervision and direction of the geologist listed below:



7/3/2024

Thomas A. Davis, L.G. Date

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ACRONYMS AND ABBREVIATIONS

ARAR	-	Applicable and Relevant and Appropriate Requirements
AST	-	Aboveground Storage Tank
bgs	-	Below Ground Surface
BTEX	-	Benzene, Toluene, Ethylbenzene, and Xylenes
COC	-	Contaminant/Chemical of Concern
CSID	-	Cleanup Site Identification Number
CSM	-	Conceptual Site Model
CUL	-	Clean-up levels
Ecology	-	Washington State Department of Ecology
EDB	-	1,2-Dibromoethane
EDC	-	1,2-Dichloroethane
ERNS	-	Emergency Response Notification System
ESA	-	Environmental Site Assessment
FOC	-	Fraction of Organic Carbon
FSID	-	Facility Site Identification Number
LUST	-	Leaking Underground Storage Tank
MTCA	-	Model Toxics Control Act
NFA	-	No Further Action
PAH	-	Polycyclic Aromatic Hydrocarbons
PID	-	Photoionization Detector
PCB	-	Polychlorinated Biphenyls
RCW	-	Revised Code of Washington
TPH	-	Total Petroleum Hydrocarbons
TCLP	-	Toxic Characteristic Leaching Procedure
TCE	-	Trichloroethylene
TEE	-	Terrestrial Ecological Evaluation
UST	-	Underground Storage Tank
VCP	-	Voluntary Cleanup Program
VOC	-	Volatile Organic Compounds
WAC	-	Washington State Administrative Code

1. INTRODUCTION

A remedial investigation and cleanup action were conducted at the former Washington State Department of Transportation (WSDOT) maintenance and storage facility in Bellingham, Washington (Subject Property). The property was undergoing redevelopment when historical contamination was discovered, prompting further remedial investigation. This report summarizes the characterization of environmental conditions performed at the site, as well as the subsequent remedial actions undertaken to remove historical contamination from the subject property. All figures referenced in this report are included in Appendix A, and all tables referenced are included in Appendix B.

1.1 GENERAL SITE INFORMATION

The subject property is located at 512 East Sunset Drive in Bellingham Washington (Figure 1). The property is comprised of four parcels (380319459346, 380319475348, 380319460321, 380319475321) spanning approximately 4.1 acres. The site is located in the southeast quarter of the northeast quarter of Section 19 in Township 38 North, Range 3 East. The property is situated approximately 0.25 miles west of Interstate-5 (I-5), and approximately 1.36 miles northeast of the mouth of Whatcom Creek where it enters Bellingham Bay. The parcels are currently zoned as Residential Single by the City of Bellingham. An overview site map is provided as Figure 2, and a detailed site map is provided as Figure 3.

The property has been assigned the Facility Site ID #84242359, UST ID #12239, and VCP #NW3385. The facility historically had three Cleanup Site ID (CSID) numbers listed in the Ecology Confirmed and Suspected Contaminated Sites List (CSCSL) database, each associated with separate LUST ID numbers. The associated numbers were:

- CSID: #10727 associated with LUST ID: #767
- CSID: #10728 associated with LUST ID: #3358
- CSID: #10729 associated with LUST ID: #3790

Ecology consolidated their site information in 2023 and assigned the site a single CSID #10727. The FSID and USTID numbers have not changed. The site has been assigned Voluntary Cleanup Program (VCP) #NW3385.

Contact information for the project consultant and property owner are included below.

- Project Consultant: ALL4 LLC (formerly Whatcom Environmental Services)
  - Address: 228 E Champion St #101, Bellingham, WA 98225
  - Contact: Aimee Pennell
  - Phone: (360) 752-9571
  - Email: apennell@all4inc.com
- Property Owner: Sunset Commons LLC
  - Address: 2200 Division Street Suite E, Bellingham, WA 98226
  - Contact: Josh Edelstein
  - Phone: (360) 739-7625
  - Email: josh@greenbriarhomes.net

1.2 SITE HISTORY

The former WSDOT Maintenance facility was developed sometime prior to 1950. Aerial photos from 1950 show the maintenance building (Building 6), Building 1, and Building 2 at the site. The property was likely undeveloped prior to construction of the WSDOT maintenance facility.

In January 1994, a fire occurred at the maintenance building (Building 6) and destroyed the building. The fire was extinguished using water, according to discussions with the Bellingham Fire Department. The building was never rebuilt. In 1998, Building 1 was removed for the remediation of a gasoline release. All structures were removed from the property by 2006 when WSDOT sold the property. The subject property is currently being redeveloped.

WSDOT operations at the subject property resulted in the installation and use of five USTs. Remedial activities that have been undertaken at the site include the removal of the five USTs and related soil excavation work to remove PCS associated with the USTs, the removal of one underground hydraulic lift, and at least two large PCS excavations at the south end of the property in response to surface spills and leaks of petroleum products.

1.3 HISTORICAL OWNERSHIP HISTORY

Historical title documents available through the Whatcom County Assessor and Auditor were reviewed to establish the ownership history of the site. The property ownership history is summarized below:

Owner Name	Years
State of Washington	Pre – 2/20/2007
Hinton Contracting & Development, Inc.	2/20/2007 – 3/7/2007
Sunset Commons LLC	3/7/2007 – Present

1.4 SITE USE

The subject property is currently undergoing redevelopment into single family residential properties. No structures are currently located on the property. At the time of this report, initial road grading, subsurface infrastructure, and curb and gutter work are progressing at the property. Work onsite was paused or relocated during remedial activities.

The subject property is bordered on the north by East Sunset Drive across which are residential properties; it is bordered on the south by East Illinois Street across which there are residential properties; it is bordered on the west by a Greek Orthodox Church and residential parcels; and it is bordered on the east by residential properties.

2. RELEASE DISCOVERY

WSDOT operations at the subject property resulted in the installation and use of five USTs. In the 1990's all historical USTs were removed. Remedial activities were implemented during the removal work to address spills and/or leaks of petroleum products associated with the tanks. According to WSDOT and Ecology records four of the five USTs required remedial action. A summary of the historical USTs is provided below:

Tank ID	Tank Capacity and Substance Stored	Installation Date	Removal Date	Ecology ID Numbers
66A04001	2,000-gallon Waste Oil	12/31/1964	8/30/1990	--
66A01003	2,500-gallon Diesel	1/1/1967	12/5/1990	CSID #10727 LUST ID #767 LUST ID #2030
66A02010 66A02011	5,000-gallon Diesel 5,000-gallon Gasoline	6/1/1977	3/8/1995	CSID #10729 LUST ID #3790 LUST ID #5668
Unregulated	1,000-gallon Heating Oil	Unknown	1/31/1994	CSID #10728 LUST ID #3358 LUST ID #5147

Ecology recently consolidated tank information into a single CSID number (#10727). There appear to be multiple historical LUST ID numbers associated with some of the tanks. The Tank ID numbers and related UST ID numbers did not change during the consolidation.

3. PREVIOUS INVESTIGATIONS

WSDOT operations at the subject property involved the installation and use of five USTs. Historical remedial activities were related to the removal of the five USTs and soil excavation work in response to spills and leaks of petroleum products associated with the tanks as well as site vehicle maintenance activity. Records indicate that historical remedial activities were required during the removal of four of the five USTs and at three other areas of concern.

A summary of the historical remedial investigations completed at the subject property is provided in the following sections, in chronological order.

3.1 1990 – WASTE OIL UST REMOVAL

On August 30, 1990, a 2,000-gallon waste oil tank (Tank ID #66A04001) was removed from the property. This UST was likely located at the northwest corner of Building 6, located along Sunset Drive at the northern property boundary. Historical micro-film of the site revealed that an oil-dump station may have been located on the northwest corner of Building 6. The Underground Storage Tank Notice of Permanent Closure (UST NPC, 1990) indicates that a site assessment was performed at the time of closure, and that contamination was found. No other records associated with this cleanup were obtained.

3.2 1990 – DIESEL UST REMOVAL

A 2,500-gallon diesel UST (Tank ID #66A01003) was located along the southern property boundary west of the southern entry gate located off East Illinois Street. A release of petroleum products was initially discovered during UST removal on December 5, 1990. The release was reported to Ecology. Ecology assigned CSID #01727 to the property in association with LUST ID #767 for the diesel release. At another point in time, Ecology appears to have assigned a second LUST ID number to the site #2030.

Approximately 100-cubic yards of diesel impacted soil were excavated from the tank pit following the removal of the UST (WSDOT, 1991). The report states that five soil samples were collected from the initial excavation to confirm cleanup objectives were met (MTCA Method A Cleanup Levels). A secondary

excavation was conducted to the south of the primary excavation to remove remaining petroleum impacted soil (PCS) observed during the primary excavation. No record of additional soil sampling from the southern excavation was reported.

This cleanup action was granted a No Further Action (NFA) determination by Ecology in 2012. The LUST ID associated with the NFA was #2030.

3.3 1994 – HEATING OIL UST REMOVAL

A 1,000-gallon heating oil UST was historically installed to provide fuel to the site office and maintenance building (Building 6). The UST was located on the east side of the building. The UST was removed on January 31, 1994, after the maintenance building burned down and it was determined that the building would not be rebuilt. A heating oil release was discovered during tank removal and the release was reported to Ecology. Ecology assigned CSID #10728 to the property in association with LUST ID #3358 for the heating oil UST. A second LUST ID appears to be associated with this tank (LUST ID #5147).

Approximately 210-cubic yards of heating oil impacted soil were excavated from the tank pit following tank removal (WSDOT, 1994). The report states that five soil samples were collected from the excavation to confirm PCS removal was successful.

3.4 1995 – DIESEL AND GASOLINE UST REMOVAL

Two 5,000-gallon USTs (one diesel (UST ID: 66A02010) and one unleaded gasoline (UST ID: 66A02011)) were removed from the subject property on March 8, 1995. These USTs were associated with a fuel dispenser located on the west side of Building 6. The release was discovered during tank removal and reported to Ecology. Ecology assigned CSID #10729 to the property in association with LUST ID #3790 for both the diesel and gasoline USTs. A second LUST ID appears to be associated with these two tanks (LUST ID #5668).

The excavation contractor reported encountering perched groundwater at approximately nine feet bgs in the tank removal excavation. On March 9, 1995, the contractor removed approximately 800-gallons of

water from the initial excavation for offsite disposal. Approximately 200-cubic yards of gasoline impacted soil were removed from the area surrounding the tank (WSDOT, 1996). Several soil samples were collected to characterize the soil remaining onsite and to confirm the successful removal of the PCS; no soil sample data was included with the report document.

3.5 1997 – 1998 INDEPENDENT REMEDIAL ACTIONS

From approximately October 1997 through March 1998, independent cleanup actions were initiated at three areas of concern: at a hydraulic lift associated with the burned Building #6; at the old "gas house" (most likely was Building #2), and at an area located north of Building 1 where vehicles were stored. These remedial activities were implemented to address known historical petroleum impacts to the soil at the facility. In total, approximately 1,438-cubic yards of soil were excavated and removed from the property (WSDOT, 2000). The approximate locations of the historical excavations are shown in Figure 3. A summary of the various remedial actions is included below.

3.5.1 Hydraulic Lift

On October 18, 1997, approximately 30-cubic yards of soil were excavated from an area contaminated with hydraulic fluid. The soil was associated with a hydraulic lift that remained in the footprint of Building 6 which had burned down in 1994. The report states that two samples were collected from the excavation to confirm the hydraulic fluid contamination was successfully removed.

3.5.2 Gas House Excavation

From October 18, 1997, to October 20, 1997, an excavation was initiated at the old 'gas house' (Building #2) to remove gasoline contaminated soil. Due to the volume of impacted soil encountered, a permit with the City of Bellingham was obtained to continue excavation work in the shoulder of East Illinois Street. Approximately 1,100-cubic yards of gasoline contaminated soil were removed from the old gas house area. Ten soil samples were collected from the excavation to confirm the successful removal of the gasoline impacted soil.

3.5.3 Building 1 Excavation

Soil excavation activities continued in March of 1998 at Building 1, located in the SE quarter of the property. From March 10, 1998, to March 12, 1998, PCS excavation work was conducted at the north end of the building to address heavy oil and gasoline contamination related to historical heavy equipment storage at that location. Building 1 was demolished during the process to excavate all PCS from the area. Approximately 318-cubic yards of soil were removed from the area surrounding and beneath Building 1. Eleven soil samples were collected to confirm the successful removal of PCS.

4. SITE CHARACTERIZATION/REMEDIAL INVESTIGATION

The subsurface conditions at the site were further characterized in 2022 and 2023 during site redevelopment activities. ALL4 (formerly Whatcom Environmental Services) was initially contacted by Dirt Works Bellingham, LLC (Dirt Works) on June 24, 2022, to evaluate suspected contamination discovered during new infrastructure installation work at the southern portion of the property. A sample was collected from the suspected PCS stockpile for laboratory analysis. The lab verified diesel and gasoline range TPH contamination at concentrations exceeding the MTCA Method A target cleanup levels.

Further characterization work was conducted in response to the initial confirmed discovery. Site characterization work is described below. Remedial activities related to the contamination identified in the following sections are discussed in Section 7. All field activities were conducted in accordance with the standard field protocols outlined in Appendix C.

4.1 SOIL CHARACTERIZATION

The soil characterization work is described below. Figures showing the location of the characterization work are provided as Figures 4 and 5. Soil Boring logs (where applicable) are provided in Appendix D.

4.1.1 Test Pit Investigation

On July 5, 2022, six test pits (TP-1 though TP-6) were excavated across the southern half of the property at locations where utility installation work was expected to occur. During the test pit investigation, one area of PCS was discovered in the southwest quarter of the property (PCS-2 area) that contained detections of gasoline, diesel, and oil range TPH, benzene, lead, cPAHs, and naphthalenes at concentrations which exceeded the MTCA Method A cleanup levels.

4.1.2 Site preparation Characterization work

Areas PCS-3 to PCS-9 and PCS-12 to PCS-14 were discovered during subsequent site preparation work, i.e., site grading, curb and gutter framing work, electrical, natural gas, drinking water, sanitary, and

stormwater sewer infrastructure installation work. If an area disturbed during site prep work was discovered to exhibit visual or olfactory indications of contamination, Dirt Works contacted ALL4. ALL4 would assess the new location and collect soil samples to characterize the condition of the soil. The discoveries were made between July 2022 and November 2022 (PCS-3 to PCS-9) and in June 2023 (PCS-12 to PCS-14).

4.1.3 Soil Boring Investigations

In October 2022, 25 soil borings (B-1 through B-25) were drilled across the property to characterize wider site conditions and identify any additional areas of suspected historical soil contamination. Borings were selected based on the location of WSDOT soil excavations, former UST locations, and former site use. The borings were continuously cored to an average depth of 20 feet below grade. This characterization work led to the discovery of PCS at three locations around the historical Building 6 location (specifically related to the diesel and gasoline USTs and the heating oil UST), at one shallow area near the middle of the property, and one area of Trichloroethylene (TCE) contamination located near the center of the southern property boundary.

In December 2022 and January 2023 site delineation work continued at the southern end of the property to characterize the vertical and lateral extent of the TCE contamination discovered in that area. Thirty-one soil borings (B-26 through B-56) were advanced in the southern portion of the subject property and extended offsite to the south into the Illinois Street right-of-way (ROW). The TCE plume appeared to be in the same location as the historical petroleum excavation associated with the pesticide shed/old gas house. The TCE plume extended south, in two lobes, into Illinois Street (Figure 5).

4.2 GROUNDWATER CHARACTERIZATION

In October 2022, during the initial site investigation, five temporary monitoring wells were constructed using 1-inch diameter PVC and sampled to evaluate wider site groundwater conditions in the vicinity of identified historical UST locations and remedial actions described in Ecology records. The temporary wells were set in soil borings B-1 to B-5 and screened from approximately 10 to 25 feet bgs. The temporary wells were constructed with a clean sand pack and bentonite surface seal. The temporary wells were

constructed on October 4th, purged dry on October 5th, and sampled, following recovery, on October 6th, 2022. Depths-to-water were measured prior to sample collection and were highly variable. The measurements did not indicate a well-established groundwater surface at the subject property.

During the TCE delineation, four groundwater monitoring wells were installed at the subject property to further characterize subsurface conditions and evaluate potential groundwater impacts. Monitoring wells were installed in four soil borings and identified as MW-1 through MW-4. The monitoring wells were installed to a depth of 25 feet bgs and were constructed with machine slotted, 2-inch diameter PVC pipe. Groundwater monitoring well locations are shown on Figure 3. The monitoring well construction diagrams are provided in Appendix E.

4.3 SOIL VAPOR CHARACTERIZATION

Two soil vapor wells, identified as SV-1 and SV-2, were installed on March 6, 2023, in the Illinois Street ROW south of the subject property. The vapor well locations are shown on Figure 3. The vapor wells were installed to investigate potential soil vapor migration impacts from TCE soil contamination identified in the Illinois Street ROW.

The soil vapor wells were installed to a depth of 6.5 feet bgs and constructed with a 6-inch stainless steel mesh screen attached to fluorinated ethylene propylene (FEP) tubing. The top of the wells were protected at the surface with flush mounted well monuments. The soil gas well construction diagrams are provided in Appendix F.

4.4 LABORATORY ANALYSIS

4.4.1 Soil Sample Analysis

Soil samples collected during the site characterization work were analyzed using some or all of the following laboratory methods:

NWTPH-Dx: Diesel and oil range total petroleum hydrocarbons (TPH)

NWTPH-Gx: Gasoline range TPH

EPA Method 8021: Benzene, toluene, ethylbenzene, and total xylenes (BTEX constituents)

EPA Method 8270 SIM: Naphthalenes and Carcinogenic PAHs (cPAH)

EPA Method 6020: Arsenic, Cadmium, Chromium, Lead

EPA Method 7471: Mercury

EPA Method 8260: Halogenated/Chlorinated VOCs (HVOCs)

EPA Method 8081: Pesticides

EPA Method 8082: PCBs

4.4.2 Groundwater Sample Analysis

Groundwater samples were collected from temporary wells installed in borings B-1 through B-5 in October 2022. Three quarterly groundwater monitoring events were conducted at the four site monitoring wells (MW-1 through MW-4). Groundwater samples were identified by the boring or monitoring well ID from which they were collected. The following laboratory methods were used to analyze some or all of the groundwater samples:

NWTPH-Dx: Diesel and oil range TPH

NWTPH-Gx: Gasoline range TPH

EPA Method 8021: BTEX

EPA Method 8270 SIM: Naphthalenes and cPAHs

EPA Method 200.8: Dissolved Lead

EPA Method 8260: HVOCs

EPA Method 8081: Pesticides

4.4.3 Soil Vapor Sample Analysis

Soil vapor samples were analyzed for TCE and breakdown products, as well as isopropyl alcohol (tracer used to test for leaks during sampling).

4.5 ANALYTICAL RESULTS

The site characterization soil, groundwater, and vapor sampling results are discussed below.

4.5.1 Soil Characterization Results

Over the course of the site characterization work, 181 soil samples were collected at various depths. The samples were collected from shallow surface soil, test pits, and soil borings. The site characterization sample locations are shown on Figures 4 and 5. The soil sample descriptions, depths of collection and field screening results are included in Table 1. Laboratory analytical data are summarized in Tables 2 through 8. The original laboratory analytical data reports are provided in Appendix G.

Of the soil samples collected in 2022 and 2023, 43 contained contaminants at concentrations exceeding the MTCA Method A cleanup levels. The samples collected from the shallow surface soil and test pits predominantly identified petroleum constituents (Gasoline, Diesel, Oil, Benzene, Lead, Naphthalenes, and cPAHs) as the primary contaminants of concern. The soil boring investigations also identified TCE at the southern end of the property, extending off-property to the south into the Illinois Street ROW. No PCBs or pesticides were detected in any soil characterization sample. Other than lead, no other metals were detected at concentrations exceeding their MTCA Method A cleanup levels. All samples were analyzed within the prescribed holding times, and sample analytical QA/QC results were within acceptable limits.

Over the course of the characterization work, five soil samples were analyzed for TCLP chlorinated volatiles in order to evaluate the TCE soil to determine if it was hazardous/dangerous waste. None of the soil samples analyzed via TCLP analysis exceeded the TCLP maximum contaminant concentration values. The results of the TCLP analyses are presented in Table 9.

4.5.2 Groundwater Characterization Results

Groundwater samples were collected from five temporary wells installed in soil borings B-1 through B-5 in October 2022. In addition, three quarterly sampling events were conducted following monitoring well installation. The groundwater monitoring well locations and analytical data are shown on Figure 6. The groundwater laboratory analytical data are summarized in Tables 10 through 14. The original laboratory analytical groundwater data reports are provided in Appendix H.

The temporary wells were purged of water completely one time and allowed to recover for 24-hours before sampling on October 22, 2022. Samples were collected using a peristaltic pump. The water sample collected from the temporary well set in soil boring B-5 contained diesel range TPH at a concentration which exceeded the MTCA Method A cleanup level. Groundwater samples collected from the remaining soil borings did not contain any COC exceeding the MTCA Method A cleanup levels.

Monitoring wells MW-1 through MW-4 were installed on December 1, 2022, in response to the diesel range TPH results encountered at soil boring B-5. Monitoring well MW-2 was installed adjacent to the location of boring B-5 to determine the validity of the results from the soil boring water sample. The monitoring wells were developed, allowed to recover sufficiently, and sampled December 13, 2022. The monitoring wells were sampled again in February 2023 and May 2023. The wells were sampled using a low-flow sampling method. None of the quarterly groundwater samples contained any contaminants of concern at concentrations exceeding the MTCA Method A groundwater cleanup levels.

The diesel range TPH detection encountered in the water sample collected from the temporary well set in soil boring B-5 should be considered an artifact of soil boring activities. All soil borings and monitoring wells were dry during drilling and/or installation. Water accumulated over a 24- to 48-hour period and, due to the amount of water in the temporary wells, groundwater sampling activities were conducted over a two-day period to allow wells to recharge to a point where all samples could be collected. The water in the monitoring wells took nearly a week to recharge following well development. Due to these observations, the water collected from the borings and monitoring wells is likely perched water and not representative of true groundwater conditions at the site. Additionally, the permanent monitoring well installed adjacent to boring location B-5 did not yield results that confirmed those obtained from the temporary well, indicating the results from the temporary well can be discounted.

4.5.3 Soil Vapor Characterization Results

Soil vapor sampling was attempted on March 17, 2023. One soil vapor sample plus a duplicate sample were collected from the location of well SV-1. Soil vapor well SV-2 was not able to be sampled because water was present in the well screen and tubing. Limited soil vapor volume was encountered at well SV-1, likely due to the very tight clay encountered at the site. The only analyte detected in the sample from

well SV-1 was vinyl chloride, a breakdown product of TCE. Vinyl Chloride was detected at a concentration of 4.4 µg/m^3, below the Ecology Method B Sub-Slab Soil Gas screening level of 9.5 µg/m^3. A copy of the laboratory analytical data report is included in Appendix I. Vapor well SV-1 was damaged beyond repair during excavation work conducted in October 2023 and decommissioned at that time.

5. NATURAL CONDITIONS

5.1 SITE GEOLOGY

The subject property is located in the northern portion of the Puget Sound Basin. The region is characterized by thick sequences of Pleistocene glacial advance outwash and meltwater deposits that settled on a basement of tectonically deformed sedimentary and ancient metamorphic bedrock. The glacial deposits have been reworked by more recent fluvial, lacustrine, and aeolian actions into the landforms present today.

Soils in the area of the subject property are described in the Soil Survey of Whatcom County Area, Washington (USDA, 1992) as the Whatcom-Labounty complex. The Whatcom-Labounty complex is characterized as very deep, moderately well drained to poorly drained, level to very steep soils formed on glaciomarine drift plains. These soils are characterized as a mixture of loess and volcanic ash underlain by glaciomarine deposits. These deposits have slopes of 0-8%. This unit is 30 percent Whatcom silt loam, 20 percent Labounty silt loam, and 40 percent urban land (land dominated by paving and development obscuring the classification of the soils). Whatcom silt loam soils are very deep, moderately well drained soils formed of a mixture of loess and volcanic ash underlain by glaciomarine deposits. This unit is moderately permeable, and the available water capacity is high. The Labounty silty loam soils are very deep, poorly drained soils formed of a mixture of loess, volcanic ash, and glaciomarine deposits. This unit has moderately slow permeability with a high available water capacity. The average annual precipitation at the property is approximately 35 inches, the average annual air temperature is approximately 50˚ F, and the average frost-free period is approximately 170 days.

The regionally extensive Bellingham Glaciomarine Drift (GMD) of the Everson Interstade underlies the site (WSDNR, 2000). The glaciomarine drift consists of moderately sorted to unsorted diamicton with lenses and discontinuous beds of moderately to well-sorted gravel, sand, silt, and clay.

The soil borings from the subject property tend to show the general geologic sequence presented below:

1. 0.0 to ~5.0 ft bgs – Silty sand with gravel, brown to dark brown, firm, and dry to moist.

2. ~5.0 to ~10.0 ft bgs – Clayey sandy silt to silty sandy clay with gravel, brown with orange mottling to gray, firm to hard, dry to moist.
3. ~10.0 to 20.0 ft bgs – Silty clay with sand and gravel, gray, firm to soft, moist to wet.

Soil boring logs are included in Appendix D. Geologic cross-sections are provided as Figure 7 and 8.

5.2 SITE HYDROGEOLOGY

Four monitoring wells (MW-1 through MW-4) were installed at the site to evaluate groundwater. No groundwater was encountered during well installation work. The depths to water measurements collected during the sampling events were locally erratic, highly variable and ranged from approximately 4.98 to 21.22 feet bgs. This may indicate that water encountered at the site is likely perched within the property's shallow soil and not representative of actual groundwater conditions at the site.

Monitoring wells MW-3 and MW-4 were decommissioned in May 2023. Well MW-1 was damaged beyond repair during excavation work conducted in October 2023 and decommissioned at that time.

6. CLEANUP STANDARDS

The selected cleanup levels for the site are presented in the following sections.

6.1 TERRESTRIAL ECOLOGICAL EVALUATION

In order to confirm the site is not a threat to the environment, a terrestrial ecological evaluation (TEE) was conducted at the site in accordance with WAC 173-340-7490. The goal of the TEE is to determine if contaminants detected at the site pose a threat to terrestrial ecological receptors.

A simplified TEE (WAC 173-340-7492) was conducted. The results of the TEE indicated that the site qualified for a primary exclusion (WAC 173-340-7491) because there was not more than 0.25-acres of contiguous undeveloped land located within 500 feet of the site. The completed TEE is included in Appendix J.

6.2 SOIL CLEANUP STANDARDS

The MTCA Method A target cleanup levels for soil were selected as screening levels for the site. Those levels have been established for unrestricted land use in accordance with WAC 173-340 and can be found in Table 740-1 (Ecology, 2023).

MTCA Method A soil cleanup levels were selected based on the following information about the site:

- Residentially zoned site
- All contaminants of concern encountered at the site have established soil cleanup levels
- Protective of human health and the environment (TEE referenced above)
- Protective of groundwater quality

6.3 GROUNDWATER CLEANUP STANDARDS

The MTCA Method A target cleanup levels for groundwater were selected as screening levels for the site. Those levels have been established for unrestricted land use in accordance with WAC 173-340 and can be found in Table 720-1 (Ecology, 2023).

MTCA Method A groundwater cleanup levels were selected based on the following information about the site:

- Residentially zoned site
- All contaminants of concern encountered at the site have established groundwater cleanup levels
- Site water is not used for, or planned to be used for, human consumption
- Protective of human health and the environment

6.4 SOIL VAPOR CLEANUP STANDARDS

Laboratory analytical results for the soil gas samples were screened using the screening levels provided in the Ecology CLARC data tables.

7. REMEDIAL ACTIONS

Three phases of remedial activities were undertaken at the site in order to address identified contamination. The phases included:

1. Shallow soil excavations to remove PCS encountered during site prep work, characterized during test pit excavations, and identified in soil borings.
2. Targeted deep excavation work to remove PCS encountered during the soil boring investigations.
3. TCE excavation work focused on the south end of the property to remove TCE contaminated soil under 'contained in' protocols.

PCS removal work occurred between June 2022 to June 2023 and the TCE remediation occurred from May 2023 to November 2023. Dirt Works provided excavation services during all three phases of remediation. ALL4 personnel were onsite during excavation work to field screen excavated soil, document the excavation activities and extents, and collect confirmational soil samples to verify the area was no longer contaminated. The field activities were conducted in accordance with the standard field protocols provided in Appendix C.

7.1 PCS REMEDIATION

The PCS excavations are shown on Figures 9 and 10. Field screening observations were used to guide the PCS excavations. When field screening results indicated that a section of the excavation appeared to be no longer impacted by contaminants, clean confirmation soil samples were collected for laboratory analyses. Confirmation samples collected from PCS excavation areas were given a "CS" qualifier in the sample name.

All excavated PCS was hauled offsite for treatment via thermal desorption and disposal at Heidlberg in Everett, Washington. Approximately 6,456 tons of PCS were excavated and shipped to Heidlberg. Heidlberg is a licensed PCS treatment and disposal facility. A Heidlberg Certificate of Disposal documenting the treatment of the excavated PCS is provided in Appendix K.

7.1.1 Shallow PCS Remediation

The shallow PCS removal work was conducted as new areas of PCS were encountered during site development activities. Shallow soil excavation work was primarily conducted on the southern half of the property. Four large areas were dug out in the vicinity of characterization samples PCS-2, PCS-3, PCS-4, and PCS-7. Three small areas were excavated in the vicinity of characterization samples PCS-12, PCS-13, PCS-14, and soil boring B-3.

7.1.2 Deep PCS Remediation

Deeper contamination located on the northern half of the property was addressed during a second phase of remedial work conducted in November 2022. Excavation work was conducted in the vicinity of soil borings B-8, B-9, B-10, and B-14. The excavation associated with borings B-8 and B-14 measured approximately 35 by 70 by 10 feet. The area of the excavation was at the location of two historical 5,000-gallon diesel and gasoline USTs.

7.2 TCE SOIL REMEDIATION

The TCE excavation is shown on Figure 11. Field screening does not adequately predict TCE soil contamination, therefore, a mobile laboratory was used to analyze soil samples as they were collected and results were used to guide the excavation. Confirmation samples collected from the TCE excavation areas were given an “SS” qualifier in the sample name.

Prior to performing the TCE soil excavation work, documents were submitted to Ecology to obtain a Contained-In Determination. Based on the information submitted, Ecology determined that the TCE contaminated soils to be excavated were “contaminated with F001 listed dangerous waste constituents (TCE) at concentrations that do not warrant management as dangerous wastes.” Therefore, Ecology did not require disposal of the TCE contaminated soils as F001 listed dangerous wastes at a RCRA permitted dangerous waste treatment, storage and disposal (TSD) facility, provided that all of the conditions of the Contained-In determination were implemented.

TCE contamination located at the south end of the property was addressed during a third phase of remedial work. TCE contaminated soil located within the property boundary was excavated in May 2023 and TCE contaminated soil located offsite beneath Illinois Street was excavated between September 2023 and November 2023.

All excavated TCE contaminated soil was hauled offsite for landfilling by Republic Services at the Roosevelt Regional Landfill located in Roosevelt, WA. Approximately 7,214 tons of TCE contaminated soil were excavated and shipped via railroad to the landfill. Republic Services provided shipping containers. Republic Services is a licensed disposal facility. The Republic Services Certificates of Disposal documenting the disposal of the excavated TCE contaminated soil are provided in Appendix L.

Over the course of the TCE excavations, a total of approximately 21,884 gallons of water were pumped from the remedial excavation area. The water was pumped into an open-top metal temporary storage container. Per the Ecology Contained-In determination, water generated from the area of the excavation was managed as F001 dangerous/hazardous waste. The water was pumped from the container and transported by ACT Enviro to Chemical Waste Management (CWM) in Arlington, OR. CWM handled the water by solidification, followed by landfilling the material. CWM in Arlington is a licensed subtitle C hazardous waste landfill. The completed manifests for each shipment of TCE water are included in Appendix M.

7.3 SAMPLING AND ANALYSIS

Soil samples collected from the PCS remedial excavations were analyzed at ALS Laboratory Group in Everett, Washington. ALS is accredited by the Washington State Department of Ecology (Ecology). Strict chain-of-custody and QA/QC protocols were followed for each sample. The following laboratory methods were used to analyze the soil samples:

NWTPH-Dx: Diesel and oil range TPH

NWTPH-Gx: Gasoline range TPH

EPA Method 8021: BTEX constituents

EPA Method 8270 SIM: Naphthalenes and cPAH

EPA Method 6020: Lead

Soil samples collected from the TCE remedial excavations were analyzed by Libby Environmental in their mobile laboratory unit. Libby Environmental's main laboratory is located in Olympia, WA. Libby Environmental is accredited by Ecology. Strict chain-of-custody and QA/QC protocols were followed for each sample. The following laboratory methods were used to analyze the soil samples:

EPA Method 8260: Chlorinated Volatiles

7.4 ANALYTICAL RESULTS

Soil samples were collected from the floor and sidewalls of the excavations to document the effectiveness of the remedial actions. The PCS remediation soil sample locations and results are shown on Figures 9 and 10, and the TCE remediation soil samples are shown on Figure 11. The soil sample descriptions, depths of collection and field screening results are included in Table 1. Laboratory analytical data are summarized in Tables 1 through 9. The original soil sample laboratory analytical data reports are included in Appendix G.

All clean confirmation soil samples collected at the final edges of the remedial excavations met the MTCA Method A target cleanup levels for all contaminants of concern. Maps depicting only the final clean confirmation samples are provided as Figures 12 and 13.

8. CONCEPTUAL SITE MODEL

The conceptual site model (CSM) presented in this section identifies potential or suspected sources of hazardous substances, types and concentrations of contaminants, potentially contaminated media, and actual or potential exposure pathways and receptors. An illustration of the CSM is provided as Figure 14.

8.1 CONTAMINANT SOURCES

Petroleum hydrocarbons and chlorinated solvents were historically used at the subject property while the facility was operated as a WSDOT maintenance facility. It's likely that surface drips from parked vehicles, overtopping events, subsurface UST releases, and vehicle service operations contributed to the widely dispersed contamination at the site.

8.2 TRANSPORT MECHANISMS

The primary transport mechanisms include spills and leaks from the primary sources that occurred historically. Other potential transport mechanisms include surface flow of spilled or leaked products, migration to subsurface conduits (utility trenches), infiltration to perched water, flow of contaminants in water that has moved through contamination, flow of contaminated perched water and groundwater, and vaporization of VOCs from contaminated soil or groundwater.

While flow of spilled or leaked petroleum and/or solvents contaminated the soil and potentially groundwater initially, given the depth to regional groundwater, it is likely that all product originally released into the unsaturated zone has migrated into the saturated zone or adsorbed onto unsaturated soil. Therefore, migration of product in the unsaturated soil is not considered an active migration pathway.

The majority of the property is capped by gravel and therefore has been exposed to infiltration of precipitation. Soil at the site consists of mixtures of sand, silt, and clay to a maximum explored depth of approximately 25 feet bgs. Soil at the site is saturated at a depth of approximately 18 feet bgs. Impacted soil may have been in contact with groundwater, and therefore the soil leaching pathway is potentially complete.

8.3 EXPOSURE MEDIA, PATHWAYS, AND RECEPTORS

Based upon results obtained during the site characterization investigations, the following exposure media, pathways, and receptors were identified for the site.

8.3.1 Soil

During characterization investigations conducted at the site, soil samples were found to contain the following above the MTCA Method A screening level:

- Gasoline range TPH
- Diesel and Oil range TPH
- Benzene
- Naphthalenes
- cPAHs
- Lead
- TCE

Based on the soil data collected during site investigations, the soil contamination was determined to be primarily limited to the southern and northern portions of the Site in locations related to historical maintenance and fuel storage (Figure 4). Soil contamination exceeding the established MTCA Method A cleanup levels was found ranging from approximately the surface to 20 feet bgs.

All impacted soil has been remediated throughout the site (both on and off-property) to concentrations which meet the MTCA Method A screening levels. The soil pathway has been addressed in accordance with MTCA.

8.3.2 Groundwater

During the initial site investigation, five temporary monitoring wells were constructed using 1-inch diameter PVC and sampled to evaluate wider site groundwater conditions in the vicinity of identified

historical UST locations and remedial actions described in Ecology records. One water sample collected from a temporary well installed in a soil boring (B-5) was found to contain diesel range TPH above the MTCA Method A screening level. All other water samples collected from the temporary wells met the MTCA Method A screening levels. The temporary well sampling ruled out groundwater contamination it the northern portion of the property.

Four permanent groundwater monitoring wells were then installed at the site to confirm the impacts to groundwater in the southern portion of the site, including one well adjacent to the location of boring B-5. None of the water samples collected from the permanent monitoring wells contained any constituents of concern above the MTCA Method A cleanup levels. As stated in Section 4.5.2, the diesel range TPH detection encountered in the water sample collected from the temporary well set in soil boring B-5 should be considered an artifact of soil boring activities. The permanent monitoring well installed adjacent to boring location B-5 did not yield results that confirmed those obtained from the temporary well, indicating the results from the temporary well can be discounted.

Based on groundwater collected from the monitoring wells, and removal of all impacted soil from the site (including adjacent to the area where the GeoProbe water sample previously exceeded the target cleanup level), an empirical demonstration can be made that the cleanup remedy is protective of groundwater quality. The groundwater pathway has been addressed in accordance with MTCA.

8.3.3 Vapor

Buildings of concern for vapor intrusion from contamination at the site were initially determined to include future buildings located on the property, and the residential structures located south of the property across Illinois Street. No other buildings were located within the area of concern for vapor intrusion.

Soil gas sampling conducted at the site, and removal of all impacted soil from the site, has ruled out the vapor pathway. The vapor pathway has been addressed in accordance with MTCA.

9. CONCLUSIONS

The remedial investigation and subsequent cleanup actions have been completed at the historical WSDOT maintenance facility located at 512 E Sunset Drive in Bellingham, WA. Historical WSDOT operations at the subject property involved the installation and use of five USTs as well as vehicle maintenance activities. Historical remedial activities were performed related to the removal of the five USTs and soil excavation work was conducted in response to spills and leaks of petroleum products associated with the tanks as well as the site vehicle maintenance activities.

Remedial investigation activities were re-initiated at the site in June 2022 during site redevelopment activities. PCS was discovered during new infrastructure installation work at the southern portion of the property. Following the discovery in June 2022, further characterization work was conducted throughout 2022 and 2023. The 2022/2023 remedial investigation work included on-call responses to discoveries during site-prep work, test pit investigations, soil boring investigations, monitoring well installations, and vapor well installations. Over the course of the characterization activities, petroleum contamination was identified at several areas throughout the property. Additionally, TCE contaminated soil was identified at the southern end of the property, extending beneath the Illinois Street ROW. Neither groundwater nor soil gas appeared to have been impacted by the contamination identified in soil.

Several rounds of remediation were conducted to address the contamination identified at the site. The remedial activities conducted at the site included shallow and deep PCS removal as well as removal of TCE contaminated soil. Over the course of the remedial efforts, all soil which had been identified as containing any constituents of concern above the MTCA Method A cleanup levels was excavated and removed from the site for off-site disposal. All final confirmation samples collected at the conclusion of the remedial efforts met the applicable MTCA Method A cleanup levels.

The cleanup actions completed at the Site have addressed all pathways of concern and meet the MTCA Method A cleanup levels.

10. REQUEST FOR OPINION

We request Ecology's opinion on the following issue:

- Does Ecology agree that all pathways of concern have been addressed at the site, and will Ecology issue a Site No Further Action determination?

11. REFERENCES

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APPENDIX A -
FIGURES

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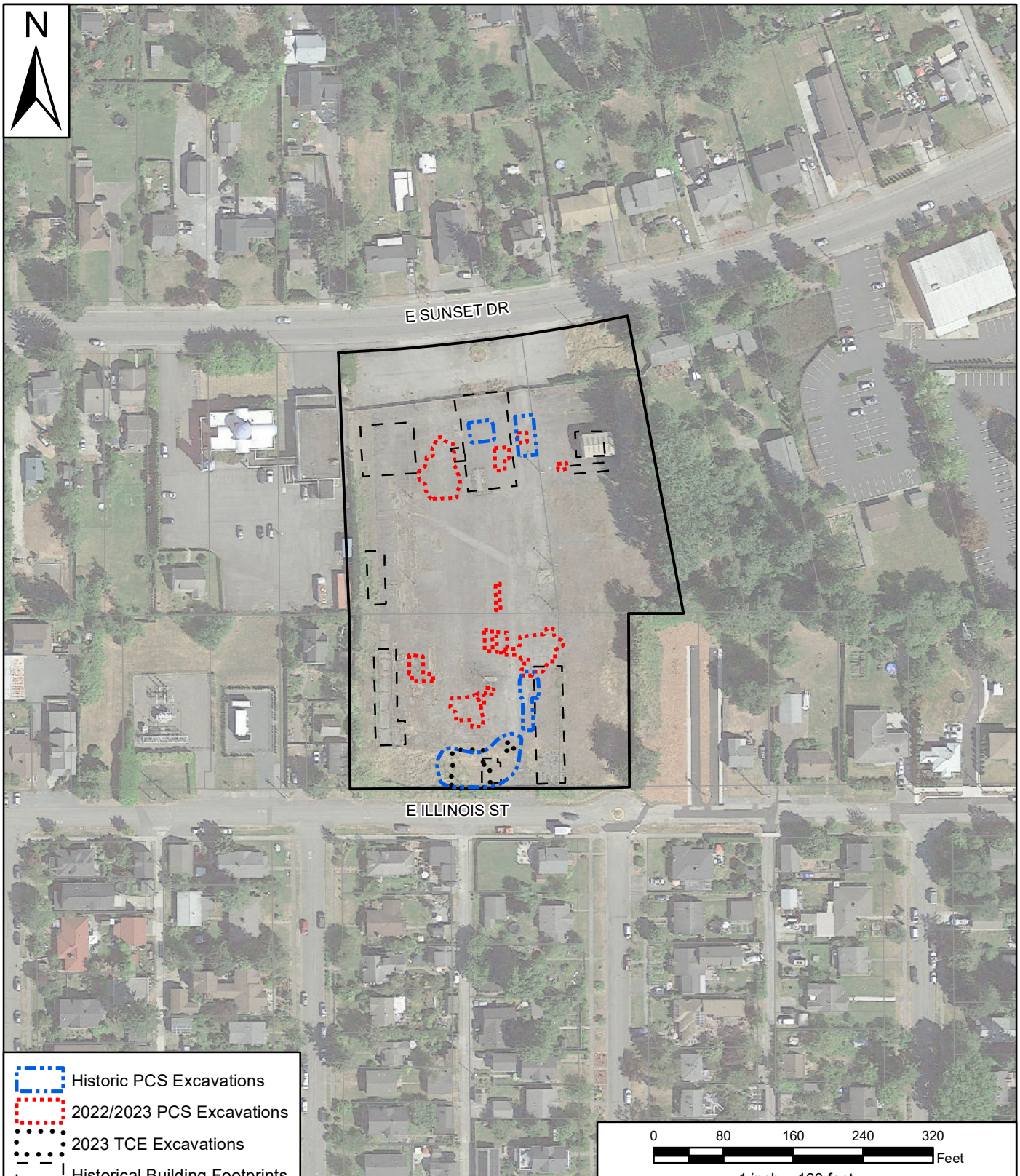
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Site Location Map

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Figure 1



All data are approximate and should be used for relative location reference only. 2020 aerial photograph (GoogleEarth).

Overview Site Map

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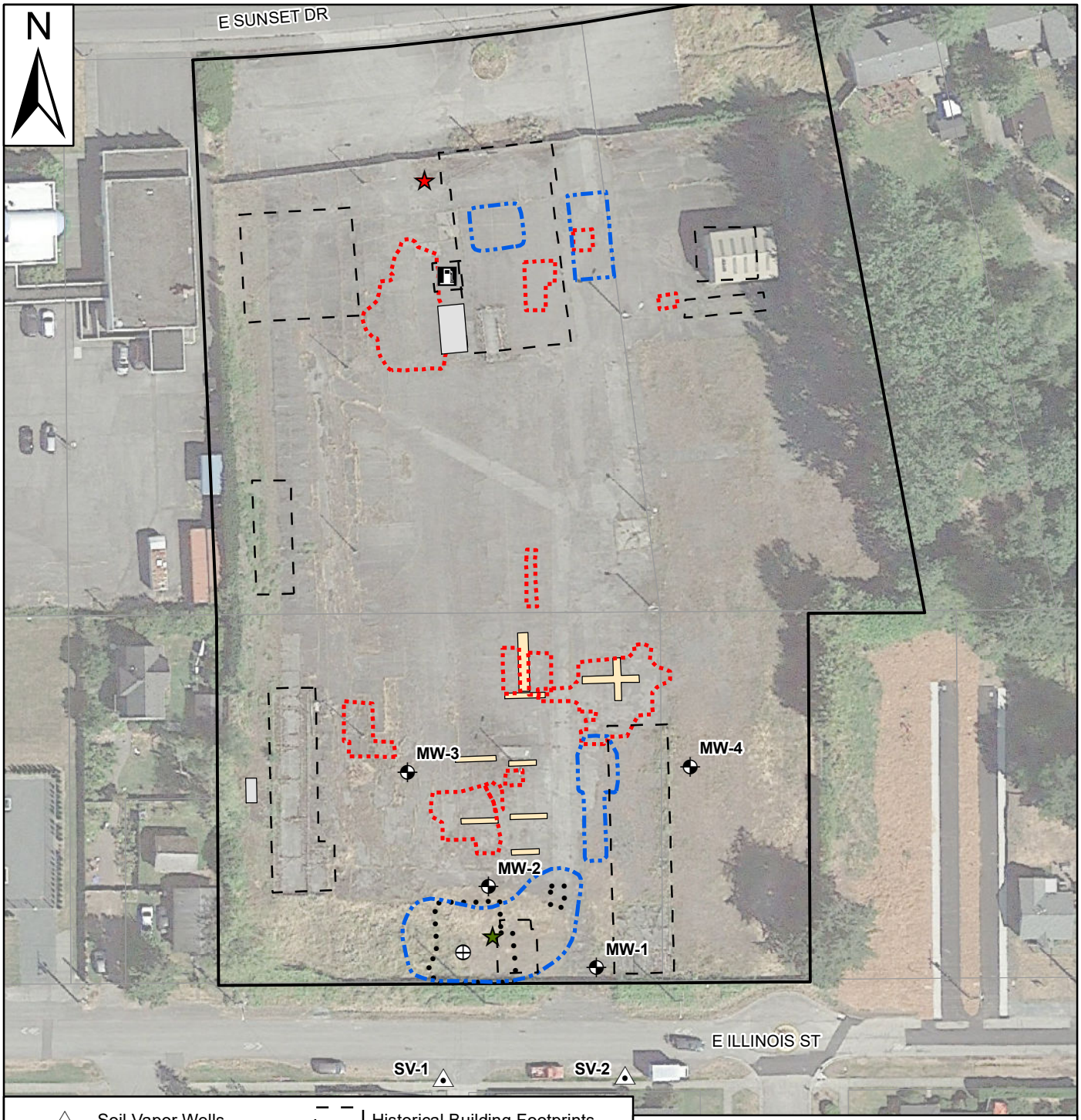
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Figure 2



Soil Vapor Wells
GW Monitoring Wells
Former Oil Dump
Former Diesel Fill Tube
Former Dispensers
Former Dewatering Well
Historic AST Locations

Historical Building Footprints
Historic PCS Excavations
2022/2023 PCS Excavations
2023 TCE Excavations
2022 Test Pit Location
Property Boundary
Tax Parcel Boundaries

All data are approximate and should be used for relative location reference only.
2020 aerial photograph (GoogleEarth).

0 40 80 120 160 Feet

1 inch = 80 feet

Detail Site Map

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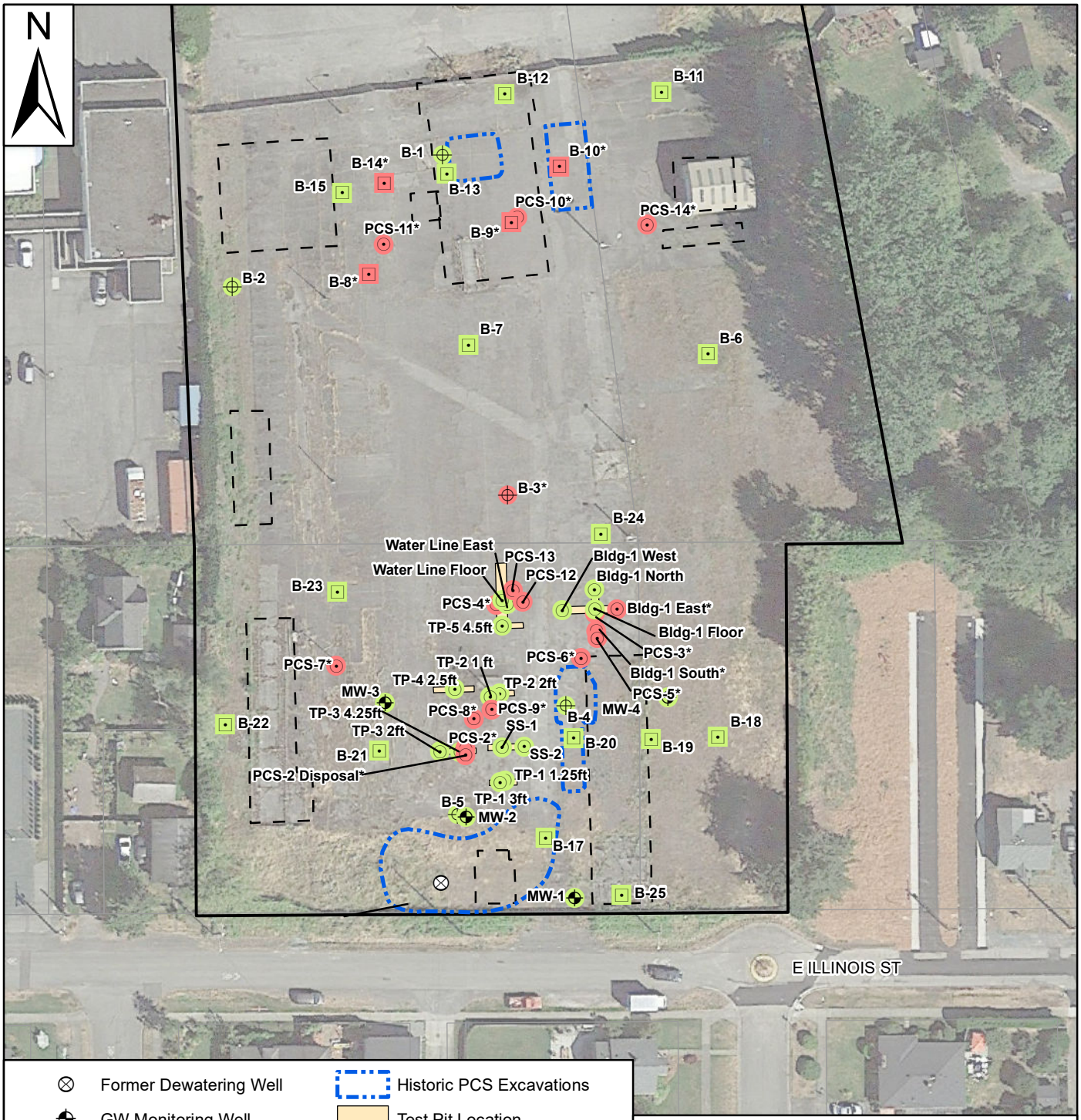
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Figure 3



Former Dewatering Well
GW Monitoring Well
Soil Boring Location
Temporary Well Location
Soil Sample Location
Result Exceeded MTCA A
Result Met MTCA A

Historic PCS Excavations
Test Pit Location
Historic Building Locations
Property Boundary
Tax Parcel Boundaries

** - Indicates soil sample location was over-excavated and resampled.*

All data are approximate and should be used for relative location reference only.
2020 aerial photograph (GoogleEarth).

0 40 80 120 160 Feet

1 inch = 80 feet

PCS Characterization Soil Sample Location and Results Map

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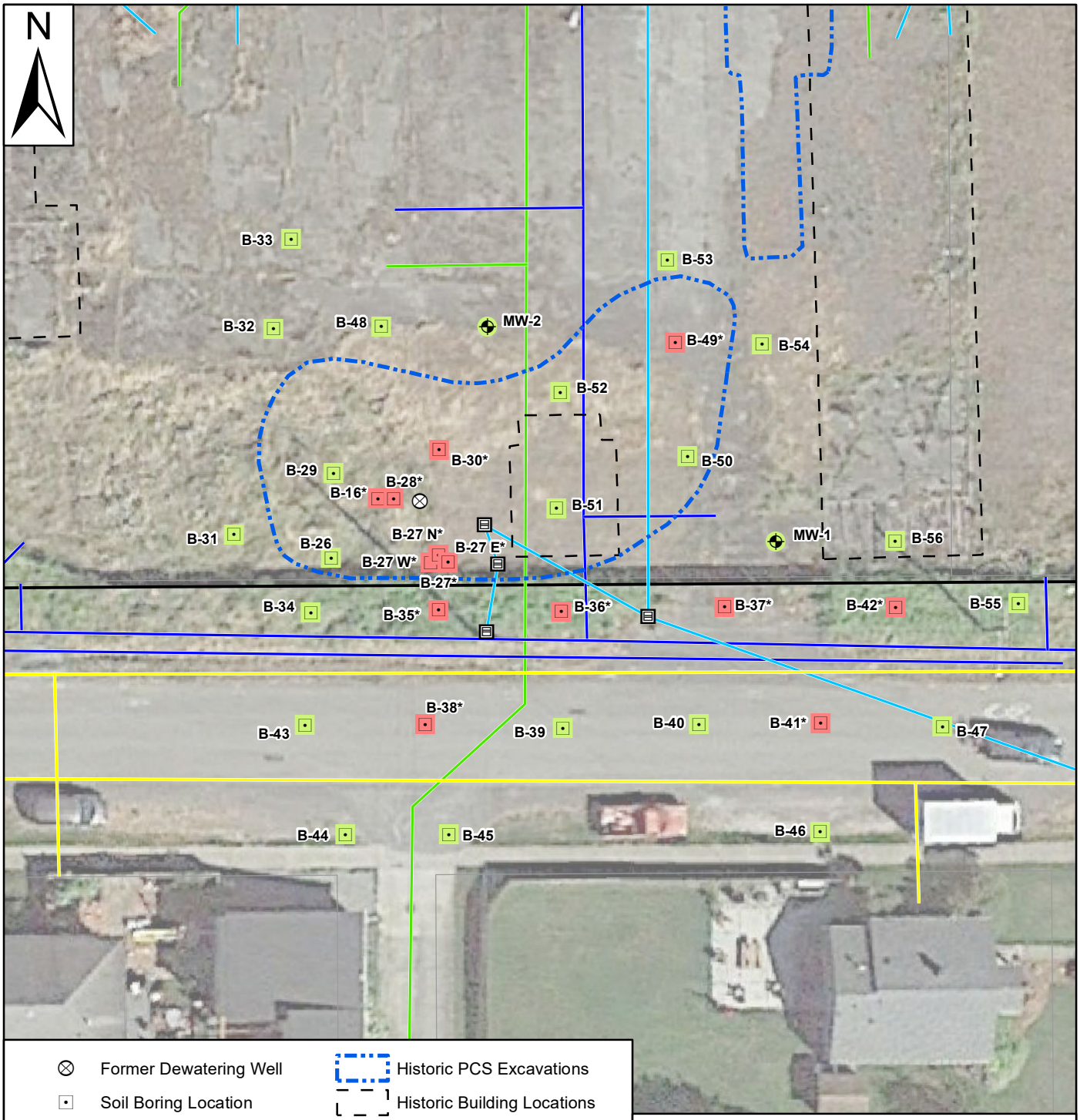
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Figure 4



- Former Dewatering Well
- Soil Boring Location
- Monitoring Well Location
- Result Exceeded MTCA A
- Result Met MTCA A
- Water Lines
- Sanitary Sewer Lines
- Historic PCS Excavations
- Historic Building Locations
- Property Boundary
- Tax Parcel Boundaries
- Catch Basin
- Natural Gas Lines
- Stormwater Lines

** - Indicates soil sample location was over-excavated and resampled.*

All data are approximate and should be used for relative location reference only.
2020 aerial photograph (GoogleEarth).

0 10 20 30 40 50 60 Feet

1 inch = 30 feet

TCE Characterization Soil Sample Location and Results Map

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Figure 5



- Former Dewatering Well
- Temporary Well Location
- Monitoring Well Location
- Result Exceeded MTCA A
- Result Met MTCA A
- Historic PCS Excavations
- Historic Building Locations
- Property Boundary
- Tax Parcel Boundaries

All data are approximate and should be used for relative location reference only.
2020 aerial photograph (GoogleEarth).

0 40 80 120 160 Feet

1 inch = 80 feet

Groundwater Sample Location and Results Map

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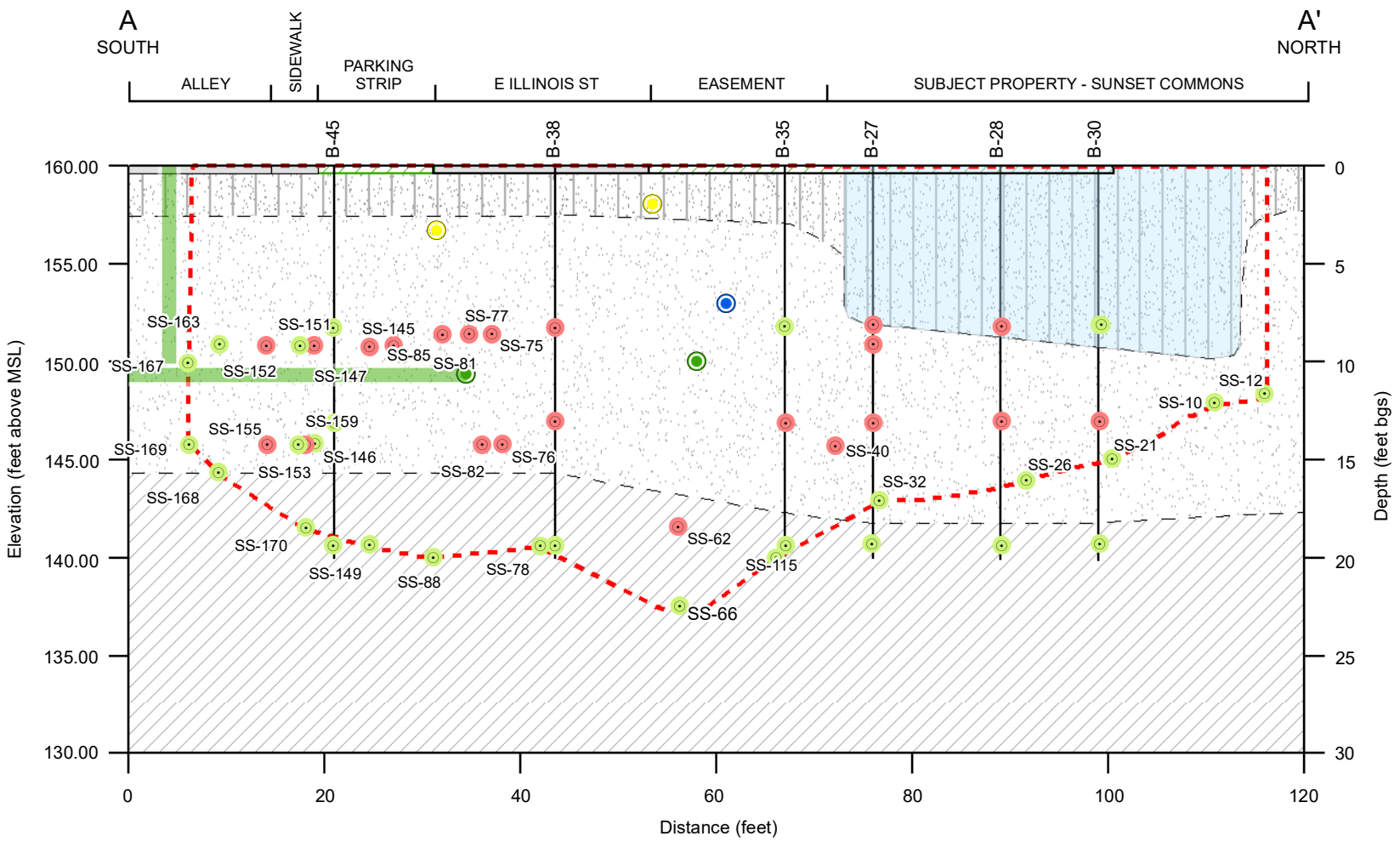
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Figure 6



TCE Excavation
Remaining TCE Plume
Historic Excavation
Soil Sample
Exceeded MTCA A
Met MTCA A

Asphalt
Grass
Sandy Gravel
Silty Sand
Silty Clay
Sewer_Line

Gas
Sanitary Sewer
Water

B-45
Boring Designation
Ground Surface
Bottom of Boring

SCALE: Horz. 1" = 15'
Vert. 1" = 7.5'
(2x Verticle Exaggeration)

All data are approximate and should be used for relative location reference only.

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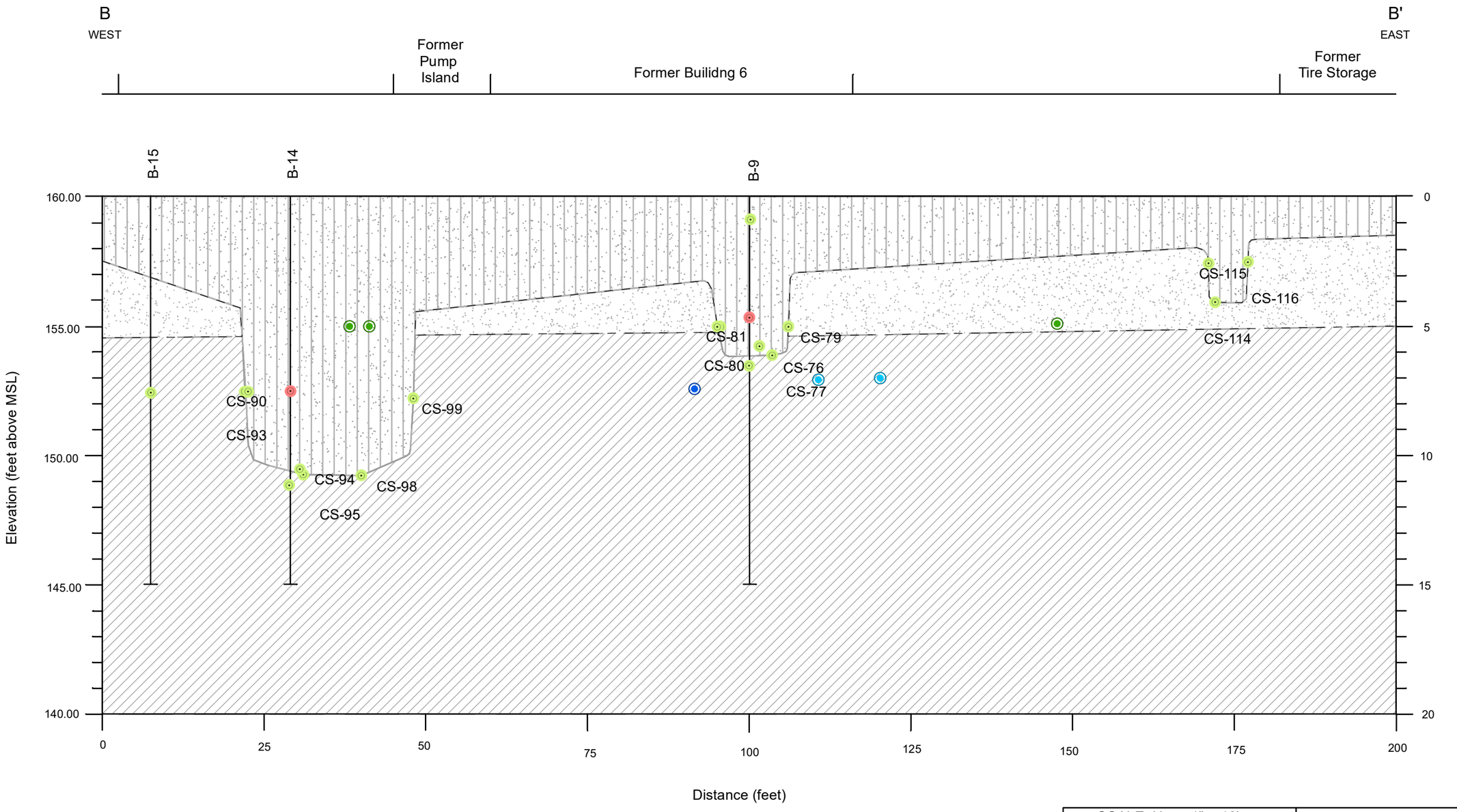
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Geologic Cross Section A-A'

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Figure 7



Soil Sample
Exceeded MTCA A
Met MTCA A

Sandy Gravel
Silty Sand
Silty Clay

Sanitary
Stormwater
Water

B-1
— Boring Designation
— Ground Surface
— Bottom of Boring

All data are approximate and should be used for relative location reference only.

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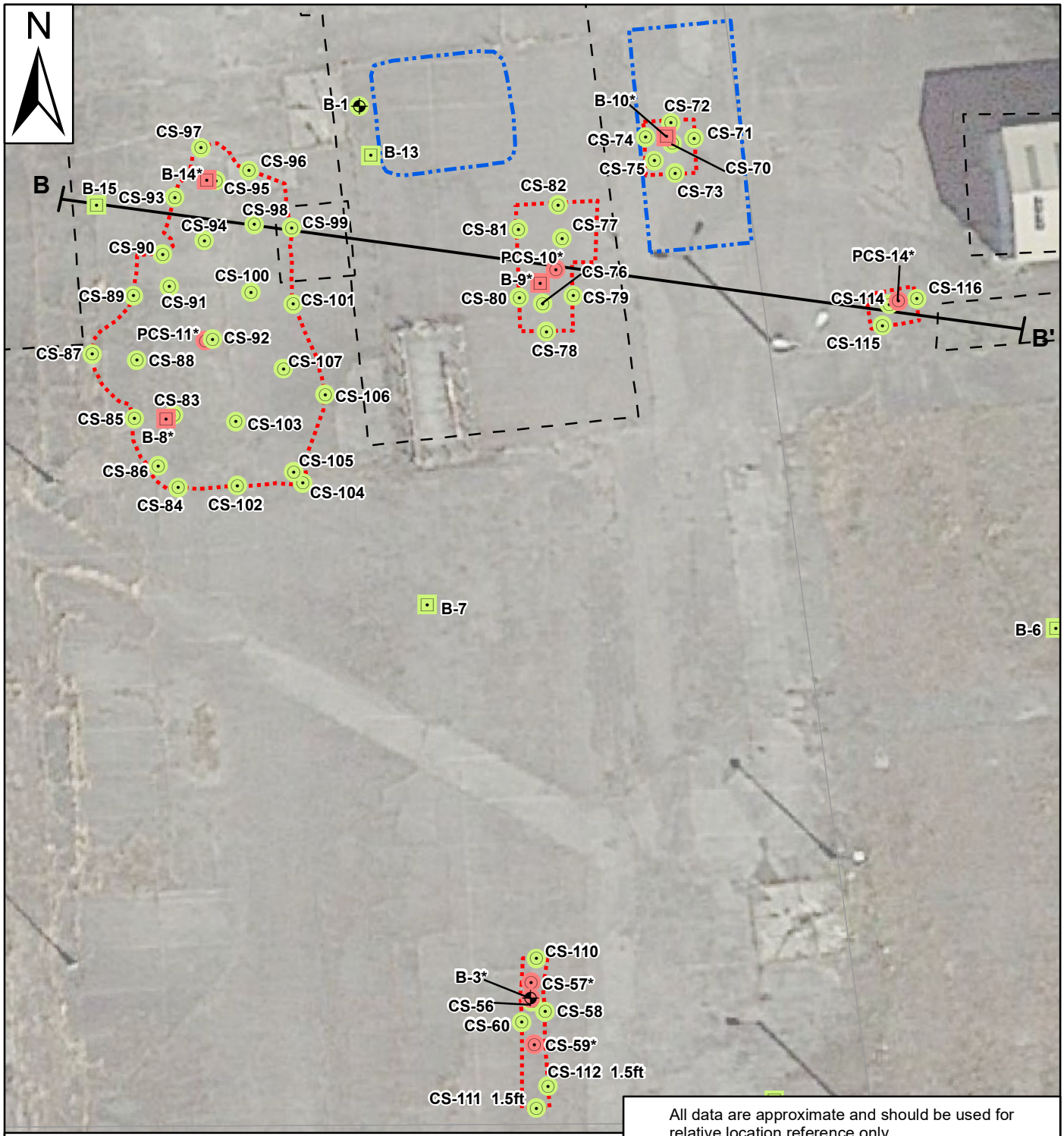
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Vert. 1" = 4'
(4x Verticle Exaggeration)

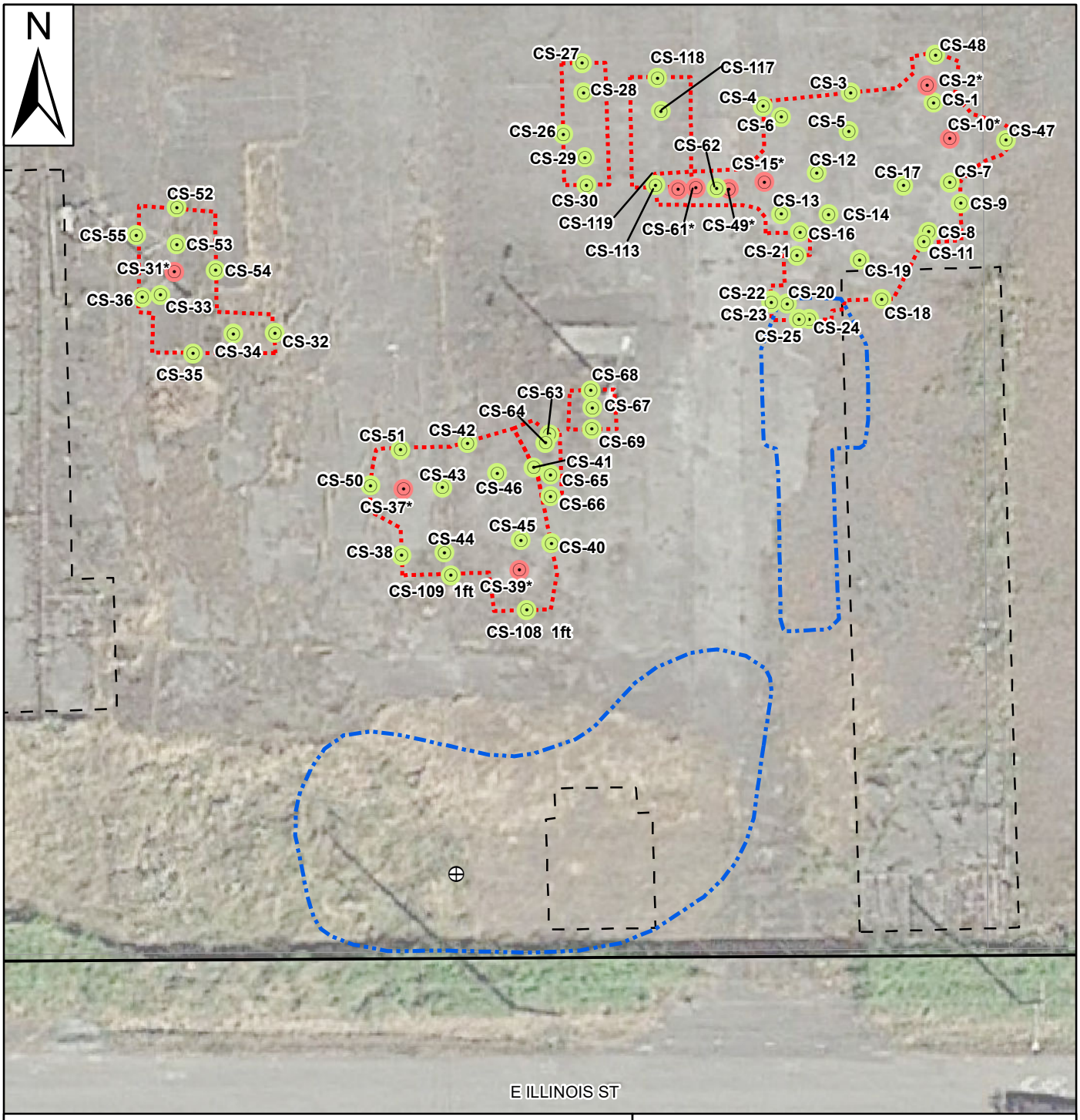
Geologic Cross Section B-B'

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Figure 8


N
B
B'
B-1
B-13
B-15
B-14*
B-10*
B-9*
B-8*
B-7
B-6
B-3*
CS-97
CS-96
CS-95
CS-93
CS-98
CS-94
CS-99
CS-90
CS-100
CS-89
CS-91
CS-101
PCS-11*
CS-92
CS-87
CS-88
CS-107
CS-106
CS-83
CS-85
CS-103
CS-86
CS-105
CS-84
CS-102
CS-104
CS-82
CS-81
CS-77
PCS-10*
CS-76
CS-80
CS-79
CS-78
CS-72
CS-74
CS-71
CS-75
CS-70
CS-73
PCS-14*
CS-116
CS-114
CS-115
CS-110
CS-57*
CS-56
CS-58
CS-60
CS-59*
CS-112 1.5ft
CS-111 1.5ft
Soil Sample Location
Result Exceeded MTCA A
Result Met MTCA A
* - Indicates soil sample location was over-excavated and resampled.
Historic PCS Excavations
2022/2023 PCS Excavations
Historic Building Locations
Property Boundary
Tax Parcel Boundaries
All data are approximate and should be used for relative location reference only.
2020 aerial photograph (GoogleEarth).
0
20
40
60
Feet
1 inch = 30 feet
PCS Remediation Soil Sample Location and Results Map (North)
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Figure 9



Former Dewatering Well
Soil Sample Location
Result Exceeded MTCA A
Result Met MTCA A
Historic PCS Excavations
2022/2023 PCS Excavations
Historic Building Locations
Property Boundary
Tax Parcel Boundaries

** - Indicates soil sample location was over-excavated and resampled.*

All data are approximate and should be used for relative location reference only.
2020 aerial photograph (GoogleEarth).

0 20 40 60 Feet

1 inch = 30 feet

PCS Remediation Soil Sample Location and Results Map (South)

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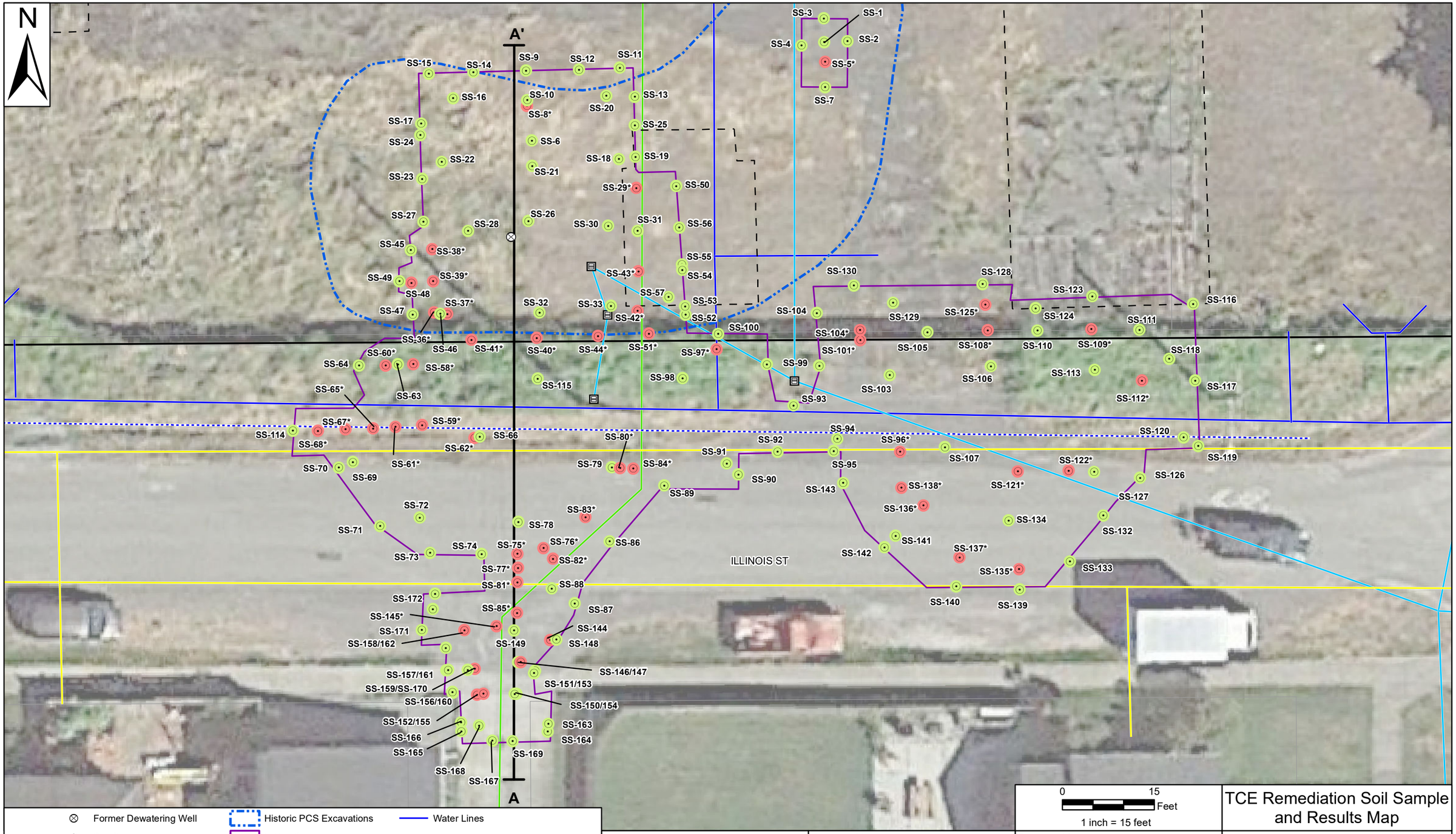
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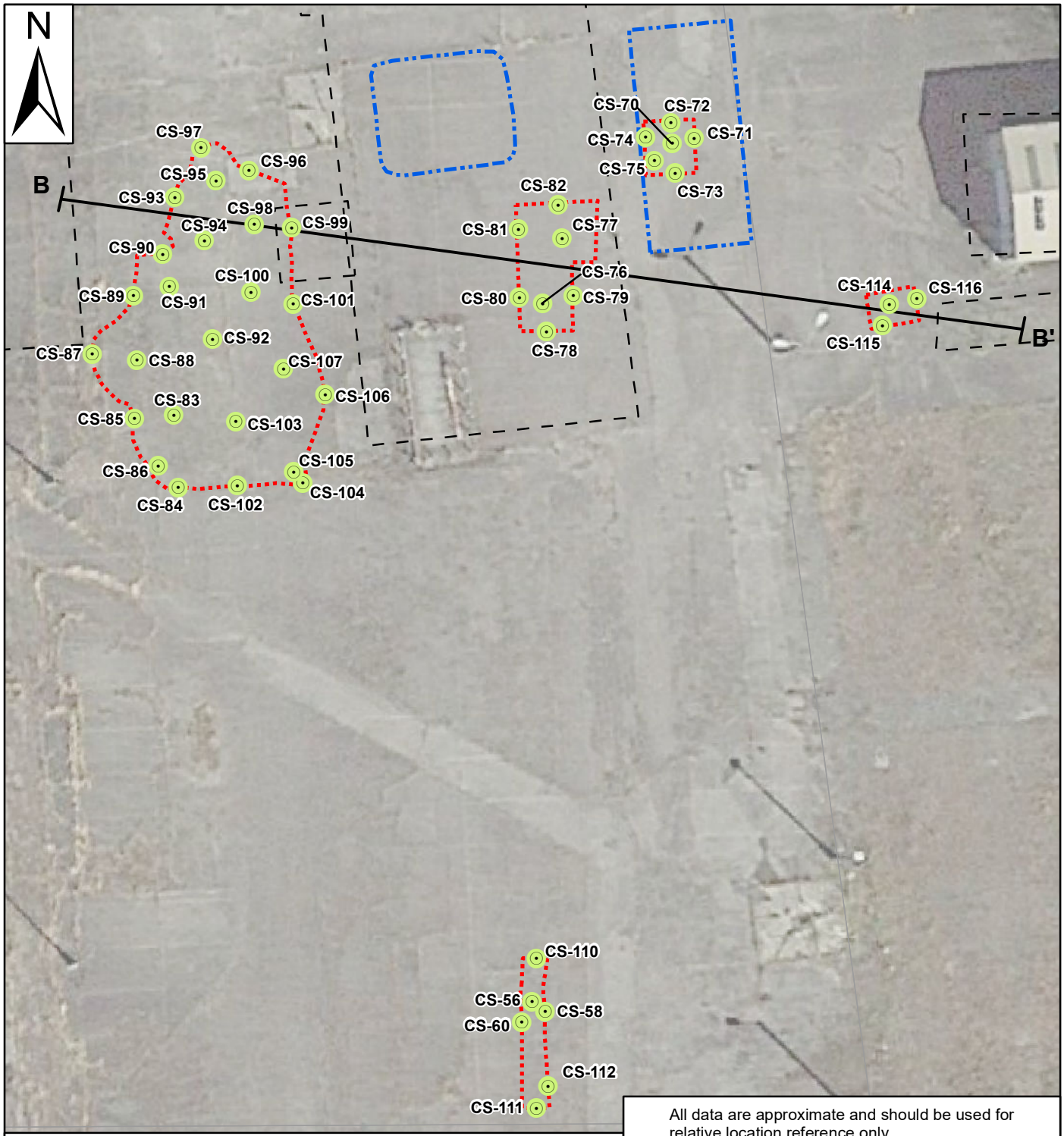
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Figure 10


N
A'
A
ILLINOIS ST
SS-1
SS-2
SS-3
SS-4
SS-5*
SS-7
SS-8*
SS-9
SS-10
SS-11
SS-12
SS-13
SS-14
SS-15*
SS-16
SS-17
SS-18
SS-19
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SS-21
SS-22
SS-23
SS-24
SS-25
SS-26
SS-27
SS-28
SS-29*
SS-30
SS-31
SS-32
SS-33
SS-36*
SS-37*
SS-38*
SS-39*
SS-40*
SS-41*
SS-42*
SS-43*
SS-44*
SS-45
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SS-62*
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SS-67*
SS-68*
SS-69
SS-70
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SS-74
SS-75*
SS-76*
SS-77*
SS-78
SS-79
SS-80*
SS-81*
SS-82*
SS-83*
SS-84*
SS-85*
SS-86
SS-87
SS-88
SS-89
SS-90
SS-91
SS-92
SS-93
SS-94
SS-95
SS-96*
SS-97*
SS-98
SS-99
SS-100
SS-101*
SS-103
SS-104
SS-104*
SS-105
SS-106
SS-107
SS-108*
SS-109*
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SS-112*
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SS-114
SS-115
SS-116
SS-117
SS-118
SS-119
SS-120
SS-121*
SS-122*
SS-123
SS-124
SS-125*
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SS-133
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SS-135*
SS-136*
SS-137*
SS-138*
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SS-143
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SS-145*
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SS-150/154
SS-151/153
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SS-158/162
SS-159/SS-170
SS-163
SS-164
SS-165
SS-166
SS-167
SS-168
SS-169
SS-171
SS-172
Former Dewatering Well
Soil Sample Location
Result Exceeded MTCA A
Result Met MTCA A
Catch Basin
Historic PCS Excavations
2023 TCE Excavation
Historic Building Locations
Property Boundary
Tax Parcel Boundaries
Water Lines
Historic Water Line (wood)
Sanitary Sewer Lines
Stormwater Lines
Natural Gas Lines
* - Indicates soil sample location was over-excavated and resampled.
0
15
Feet
1 inch = 15 feet
All data are approximate and should be used for relative location reference only. 2020 aerial photograph (GoogleEarth).
Prepared for:
Sunset Commons Development Group
Prepared by:
ALL4
TCE Remediation Soil Sample and Results Map
512 E Sunset Drive
Bellingham, WA 98225
Project Name
03/15/24
Figure 11



Soil Sample Location

Result Met MTCA A

* - *Indicates soil sample location was over-excavated and resampled.*

Historic PCS Excavations

2022/2023 PCS Excavations

Historic Building Locations

Property Boundary

Tax Parcel Boundaries

All data are approximate and should be used for relative location reference only.
2020 aerial photograph (GoogleEarth).

0 20 40 60 Feet

1 inch = 30 feet

Final Clean Confirmation Soil Sample Location and Results Map (North)

Prepared for:

Sunset Commons Development Group

Prepared by:

ALL4

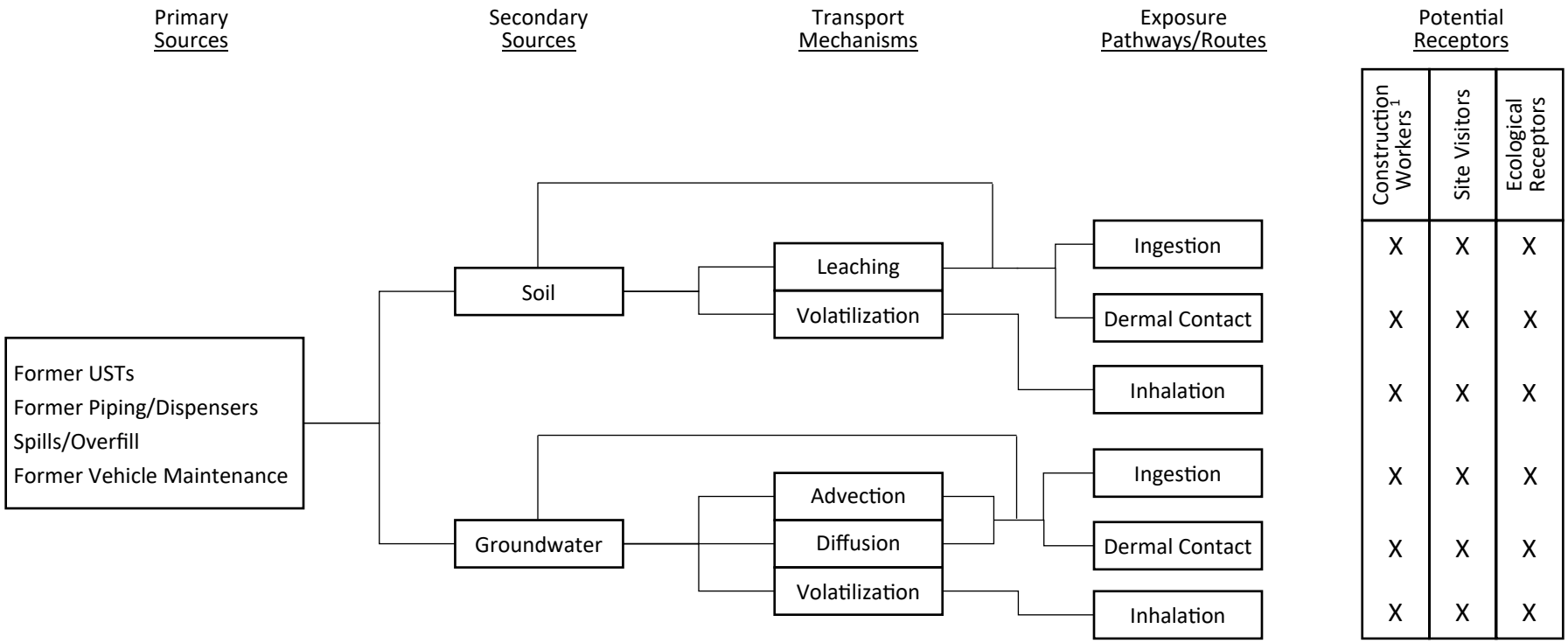
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Bellingham, WA 98225

Sunset Commons

03/15/24

Figure 12


N
Water Line Floor
Water Line East
CS-27
CS-28
CS-26
CS-29
CS-30
TP-5
CS-118
CS-117
CS-119
CS-48
CS-3
Bldg-1 North
CS-4
CS-1
CS-6
CS-5
Bldg-1 West
Bldg-1 Floor
CS-47
CS-12
CS-17
CS-7
CS-9
CS-62
CS-14
CS-13
CS-16
CS-8
CS-11
CS-21
CS-19
CS-22
CS-20
CS-18
CS-23
CS-25
CS-24
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CS-53
CS-36
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CS-34
CS-32
CS-35
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CS-42
CS-63
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CS-69
CS-50
CS-43
CS-46
CS-41
CS-65
CS-66
TP-3
TP-3
CS-38
CS-44
CS-45
CS-40
CS-109
CS-108
SS-1
SS-2
TP-1
A'
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SS-15
SS-14
SS-9
SS-12
SS-11
SS-16
SS-10
SS-8*
SS-20
SS-13
SS-17
SS-24
SS-25
SS-6
SS-22
SS-18
SS-19
SS-23
SS-21
SS-29*
SS-50
SS-27
SS-28
SS-26
SS-30
SS-31
SS-56
SS-45
SS-38*
SS-55
SS-49
SS-39*
SS-43*
SS-54
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SS-57
SS-53
SS-47
SS-37*
SS-32
SS-33
SS-42*
SS-52
SS-36*
SS-46
SS-41*
SS-40*
SS-44*
SS-51*
SS-97*
SS-100
SS-60*
SS-64
SS-58*
SS-115
SS-98
SS-65*
SS-63
SS-67*
SS-59*
SS-114
SS-68*
SS-66
SS-62*
SS-80*
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SS-61*
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SS-84*
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SS-83*
SS-71
SS-78
SS-74
SS-75*
SS-76*
SS-86
SS-73
SS-77*
SS-82*
SS-81*
SS-88
SS-172
SS-85*
SS-87
SS-145*
SS-171
SS-144
SS-158/162
SS-149
SS-148
SS-157/161
SS-146/147
SS-159/SS-170
SS-151/153
SS-156/160
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SS-3
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SS-2
SS-5*
SS-7
SS-130
SS-128
SS-123
SS-116
SS-104
SS-129
SS-125*
SS-124
SS-111
SS-104*
SS-105
SS-108*
SS-110
SS-109*
SS-101*
SS-118
SS-99
SS-113
SS-106
SS-103
SS-117
SS-93
SS-112*
SS-94
SS-120
SS-92
SS-96*
SS-91
SS-107
SS-122*
SS-119
SS-95
SS-90
SS-89
SS-143
SS-138*
SS-121*
SS-126
SS-127
SS-136*
SS-134
SS-132
SS-141
SS-137*
SS-142
SS-135*
SS-133
SS-140
SS-139
ILLINOIS ST
Soil Sample Location
Result Met MTCA A
* - Indicates soil sample location was over-excavated and resampled.
Historic PCS Excavations
2022/2023 PCS Excavations
2023 TCE Excavation
Historic Building Locations
Property Boundary
Tax Parcel Boundaries
All data are approximate and should be used for relative location reference only.
2020 aerial photograph (GoogleEarth).
0 10 20
Feet
1 inch = 20 feet
Prepared for:
Sunset Commons Development Group
Prepared by:
ALL4
Final Clean Confirmation Soil Sample Location and Results Map (South)
512 E Sunset Drive
Bellingham, WA 98225
Sunset Commons
03/15/24
Figure 13



Conceptual Site Model

LEGEND:

- ● Current Complete Pathway
- ○ Potential Pathway
- X Incomplete Pathway

NOTES:

1 - Construction Workers performing invasive activities.

Prepared for:

Sunset Commons Development Group

Prepared by:

ALL4

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03/15/24

Figure 14

APPENDIX B -
TABLES

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Table 1
Soil Sample Descriptions
Sunset Commons

Sample ID	Date	Soil Sample Description	PID (ppm)	Sheen Test[a]
PCS Investigation and Characterization Soil Samples				
PCS-1 Stockpile	6/24/2022	Silty gravelly fine to medium sand, dark gray, soft, moist.	285.5	MS
PCS-2 1ft*	7/5/2022	Sample location was over-excavated and resampled at *CS-39-1ft* Gravelly sandy silt with charcoal, dark brown, loose, moist.	316.5	HS
PCS-2 Disposal*	8/22/2022	Sample location over-excavated and resampled at *CS-45 5ft* *G* ravelly sandy silt, dark brown with charcoal, loose, moist.	353.2	HS
PCS-3*	8/10/2022	Medium sand with gravel, brown, firm, moist.	677.6	MS[b]
PCS-4 2.5ft*	8/18/2022	Sample location was over-excavated and resampled at *CS-26 2.5ft* Organic fine sandy silt with gravel, dark brown, firm, moist.	213.8	HS
PCS-5 2.5ft*	9/13/2022	Sample location was over-excavated and resampled at *CS-18 2.5ft* Fine sandy clayey silt, brown with orange mottling, firm, moist.	548.0	HS
PCS-6 2ft*	9/14/2022	Sample location was over-excavated and resampled at *CS-24 2ft* Gravelly medium sand, brown, loose, moist.	3,862	HS
PCS-7 1.5ft*	9/27/2022	Sample location was over-excavated and resampled at *CS-33 2ft* Gravelly silty medium sand with organics, dark brown, firm, moist.	296.0	MS
PCS-8 1.25ft*	10/5/2022	Sample location was over-excavated and resampled at *CS-63 1.25ft & CS-64 1.25ft* Very gravelly sand, brown, soft to loose, moist.	140.4	HS
PCS-9 1ft*	11/2/2022	Sample location was over-excavated and resampled at *CS-67 3ft* Organic gravelly silt, dark brown, soft, moist.	56.6	MS
PCS-10 5ft*	11/9/2022	Sample location was over-excavated and resampled at *CS-82 5ft* Silty sandy clay with minor organics, gray to light brown, soft, wet.	395.9	SS
PCS-11 8ft*	11/10/2022	Sample location was over-excavated and resampled at *CS-92 10.5ft* Silty clay with organics, dark gray, firm, moist.	592.4	SS[b]
PCS-12*	6/13/2023	Sample location was over-excavated and resampled at *CS-117 4ft & CS-118 2.5ft.* Silty sandy gravel, dark brown, firm, moist.	44.5	HS
PCS-13*	6/13/2023	Sample location was over-excavated and resampled at *CS-119 3ft* . Silty sandy gravel, dark brown, firm, moist.	74.8	MS[b]
PCS-14*	6/13/2023	Sample area was over-excavated and resampled at *CS-114 4ft, CS-115 2.5ft, & CS-116 2.5ft* . Silty sand with minor gravel, light brown, moist, soft.	14.8	MS[b]
Bldg-1-Floor 5ft	8/10/2022	Clayey fine sandy silt with gravel, brown, firm, moist.	7.5	NS
Bldg-1 South 2.5ft*	8/10/2022	Sample location was over-excavated and resampled at *CS-18 2.5ft* Clayey fine sandy silt with gravel, gray, firm, moist.	790.9	MS
Bldg-1 East 2.5ft*	8/10/2022	Sample location was over-excavated and resampled at *CS-10 2.5ft* Medium sand with silt and gravel, brown, firm, moist.	399.8	HS[b]
Bldg-1 North 2.5ft	8/10/2022	Silty gravelly medium sand, brown, firm, moist.	35.9	VSS
Bldg-1 West 2.5ft	8/10/2022	Gravelly clayey silt, gray, firm, moist.	9.9	VSS
WaterLine East 2.5ft	8/18/2022	Organic silt with rootlets, dark brown to black, soft, moist.	30.0	SS
WaterLine Floor 6ft	8/18/2022	Fine sandy silty clay with minor gravel, light brown to gray, firm, moist.	14.1	VSS
SS-1 4.5ft	7/5/2022	Silty sandy clay with gravel, brown with gray at fractures, orange mottling, firm, moist.	4.2	VSS
SS-2 2.5ft	7/5/2022	Silty fine sand, gray, firm, moist.	0.0	VSS
TP-1 3ft	7/5/2022	Fine sandy clayey silt, brown, firm, moist.	0.0	VSS
TP-1 1.25ft	7/5/2022	Organic fine sandy silt with brick debris, dark brown, firm, moist.	2.0	SS
TP-2 2ft	7/5/2022	Organic silt with sand and gravel, dark brown, soft, moist.	0.0	NS
TP-2 1ft	7/5/2022	Gravelly sand with organics and debris, brown, soft, moist.	0.0	VSS
TP-3 4.25ft	7/5/2022	Fine sandy clayey silt, gray, firm, moist.	2.3	VSS
TP-3 2ft	7/5/2022	Fine sandy silt, gray, firm, moist.	0.1	VSS[b]
TP-4 2.5ft	7/5/2022	Fine sandy silt, gray, firm, moist.	1.1	VSS[b]
TP-5 4.5ft	7/5/2022	Gravelly clayey silt, brown, firm, moist.	3.0	VSS
Stockpile-1[c]	7/26/2022	Clayey silt with sand and gravel, brown, soft, moist.	25.5	MS
Stockpile-2[c]	7/26/2022	Fine sandy silt with gravel, brown, soft, moist.	0.7	SS
Stockpile-3[c]	7/26/2022	Fine sandy silt with clay and gravel, brown, soft, moist.	232.9	MS
Stockpile-4[c]	7/26/2022	Silty clay with sand and gravel, dark brown, soft, moist.	149.9	SS
Stockpile-5[c]	7/26/2022	Sandy silty clay with gravel, dark brown, soft, moist.	128.8	MS
Stockpile-6[c]	7/26/2022	Sandy clayey silt with gravel, brown, soft, moist.	54.4	MS

Table 1
Soil Sample Descriptions
Sunset Commons

Sample ID	Date	Soil Sample Description	PID (ppm)	Sheen Test[a]
Stockpile-7[c]	7/26/2022	Clayey silt with sand and gravel, dark brown, soft, moist.	3.7	SS
Stockpile-8[c]	7/26/2022	Fine sandy clayey silt, brown, soft, moist.	12.6	SS[b]
Soil Boring Investigations				
B-1 7.5-10ft	10/4/2022	Silty sand with clay and gravel, brown to gray, firm, moist.	0.5	NS
B-1 25ft	10/4/2022	Silty clay with minor gravel, gray, firm, moist.	2.4	NS
B-2 2.5-5ft	10/4/2022	Silty sand with clay and gravel, brown to gray, firm, moist.	1.0	NS
B-2 13ft	10/4/2022	Fine silty sand with clay, gray with orange mottling, firm, moist.	0.6	NS
B-3 0-3ft*	10/4/2022	Sample location was over-excavated and resampled at *CS-56 3ft* Medium to fine sand, brown, firm, moist.	22.8	NS
B-3 13ft	10/4/2022	Silty sand with clay and minor gravel, brown to gray, firm, moist.	0.5	NS
B-4 2.5-3ft	10/4/2022	Silty sand with organics and woody debris, black, firm, moist.	1.2	NS
B-4 14.5ft	10/4/2022	Silty clay with minor gravel, gray, soft, moist.	2.2	NS
B-5 2.5-5ft	10/4/2022	Silty sand with organic material (rootlets), brown to gray, firm, moist.	2.4	NS
B-5 12.5ft	10/4/2022	Silty sand with clay and minor gravel, brown to gray, firm, moist.	1.7	NS
B-6 1-3.5ft	10/5/2022	Medium to fine sand with gravel, brown, firm, moist.	0.1	SS
B-7 0-3ft	10/5/2022	Gravelly silty sand with organics and cobbles, gray to brown, firm, dry.	1.8	SS
B-8 7.5ft*	10/5/2022	Sample location was over-excavated and resampled at *CS-83 7.5ft* Silty sand with clay and minor gravel and organic material, gray, firm, moist.	4.7	NS
B-8 10ft	10/5/2022	Silty clay with minor gravel, gray, firm, moist.	0.2	NS
B-9 1ft	10/5/2022	Medium to fine sand with gravel and minor charcoal, dark brown, loose, dry.	1.9	SS[b]
B-9 4-5ft*	10/5/2022	Sample location was over-excavated and resampled at *CS-76 6ft* Fine sandy silt, dark brown, firm, moist.	39.9	SS
B-9 6.5-7ft	10/5/2022	Silty clay with organics (rootlets), dark brown, soft, wet.	3.1	VSS[b]
B-10 5ft*	10/5/2022	Sample location was over-excavated and resampled at *CS-70 6ft* Silty sand with clay and gravel, brown, firm, moist.	15.4	VSS
B-10 7.5ft	10/5/2022	Silty sand with clay and minor gravel, brown to gray, firm, moist.	1.0	NS
B-11 4-4.5ft	10/5/2022	Fine sandy silt with organics, brown with orange mottling, soft, moist.	1.3	VSS
B-12 5ft	10/5/2022	Silty sand with clay and some woody debris, gray, firm, moist.	1.5	NS
B-13 3.5-4ft	10/5/2022	Clayey silt with fine sand and gravel, dark brown, soft, moist.	2.1	VSS[b]
B-14 7.5ft*	10/5/2022	Sample location was over-excavated and resampled at *CS-95 10.5ft & CS-97 7.5-8ft* Silty sand with clay and minor gravel, gray to brown, firm, moist.	555	SS
B-14 11ft	10/5/2022	Silty sand with clay and minor gravel, gray to brown, firm, moist.	4.1	NS
B-15 5.5-6ft	10/5/2022	Organic silty clay, black, hard, moist.	0.3	VSS
B-16 12.5ft*	10/6/2022	Sample location was over-excavated and resampled at *SS-28 16ft* Silty clay with sand and minor gravel, brown, hard, moist.	5.9	VSS[b]
B-16 14.75ft*	10/6/2022	Sample location was over-excavated and resampled at *SS-28 16ft* Silty clay with sand and minor gravel, brown, hard, moist.	3.8	VSS[b]
B-17 8-8.5ft	10/6/2022	Silty clay, brown, soft, wet.	2.3	NS
B-18 7-7.5ft	10/6/2022	Silty clay with sand and gravel, brown, hard, moist.	0.7	VSS
B-19 2.5-3ft	10/6/2022	Fine to medium sandy gravelly silt, brown, firm, moist.	9.1	VSS[b]
B-19 4.5-5ft	10/6/2022	Silty clay with sand and gravel, brown with gray at fractures, hard, moist.	5.0	NS
B-20 4.5-5ft	10/6/2022	Silty sandy gravel, brown, loose, moist.	5.1	SS[b]
B-20 7-7.5ft	10/6/2022	Silty clay with sand and gravel, brown with orange mottling, hard, moist.	7.5	VSS[b]
B-21 0-2.5ft	10/6/2022	Silty sand with gravel, brown, firm, dry.	1.1	VSS
B-21 7.5ft	10/6/2022	Silty sand with clay and minor gravel, brown with gray at fractures and orange mottling, firm, moist.	0.6	NS
B-22 2.5ft	10/6/2022	Silty clay with sand and gravel, brown with orange mottling, hard, moist.	8.5	NS
B-22 7-7.5ft	10/6/2022	Silty clay with sand and gravel, brown, hard, moist.	5.1	VSS[b]
B-23 3ft	10/6/2022	Silty clay, gray, firm, moist.	1.2	NS
B-24 2-2.5ft	10/6/2022	Silty gravelly fine to medium sand, brown, firm, moist.	7.9	VSS[b]

Table 1
Soil Sample Descriptions
Sunset Commons

Sample ID	Date	Soil Sample Description	PID (ppm)	Sheen Test[a]
B-25 2.5-3ft	10/6/2022	Clayey silt with sand and gravel, brown with orange mottling, firm, moist.	4.5	VSS[b]
B-26 7.5ft	11/30/2022	Silty sand with minor gravel, brown with orange mottling, firm, moist.	0.4	NS
B-26 13ft	11/30/2022	Silty sand with clay and minor gravel, brown with gray at fractures and orange mottling, firm, moist.	0.3	NS
B-26 20ft	11/30/2022	Silty clay with minor gravel, gray, soft, moist.	0.6	NS
B-27 7.5ft*	11/30/2022	Sample location was over-excavated and resampled at *SS-32 17ft* Silty sand with gravel and organic material (rootlets), dark brown, loose, moist.	1.1	NS
B-27 8.5-9ft*	11/30/2022	Sample location was over-excavated and resampled at *SS-32 17ft* Silty sand with clay and minor gravel, brown with orange mottling, firm, moist.	28.0	NS
B-27 12.5-13ft*	11/30/2022	Sample location was over-excavated and resampled at *SS-32 17ft* Silty sand with clay and minor gravel, brown with orange mottling, firm, moist.	42.0	NS
B-27 20ft	11/30/2022	Silty clay with minor gravel, gray, soft, moist.	1.0	NS
B-28 7.5-8ft*	11/30/2022	Sample location was over-excavated and resampled at *SS-28 16ft* Silty sand with minor gravel, brown with orange mottling, firm, moist.	0.9	NS
B-28 12.5-13ft*	11/30/2022	Sample location was over-excavated and resampled at *SS-28 16ft* Silty sand with minor gravel, brown with orange mottling, firm, moist.	1.6	NS
B-28 20ft	11/30/2022	Silty clay with minor gravel, gray, soft, moist.	0.3	NS
B-29 7.5-8ft	11/30/2022	Silty sand with gravel and black charcoal like material, brown with orange mottling, firm, moist.	0.5	NS
B-29 12.5-13ft	11/30/2022	Silty sand with gravel, brown with orange mottling, firm, moist.	0.6	NS
B-29 19.5-20ft	11/30/2022	Silty sand with gravel, brown with orange mottling, firm, moist.	0.3	NS
B-30 7.5-8ft*	11/30/2022	Sample location was over-excavated and resampled at *SS-21 15ft* Silty sand with gravel and organic material (rootlets), brown, firm, moist.	0.3	VSS[b]
B-30 12.5-13ft*	11/30/2022	Sample location was over-excavated and resampled at *SS-21 15ft* Silty sand with gravel, brown with orange mottling, firm, moist.	1.0	NS
B-30 19.5-20ft	11/30/2022	Silty clay with minor gravel. Gray, soft, moist.	0.4	NS
B-31 7.5-8ft	12/2/2022	Silty sand with gravel, brown with orange mottling, firm, moist.	0.1	NS
B-31 13ft	12/2/2022	Silty sand with clay and minor gravel, brown, firm, moist.	0.1	NS
B-31 19ft	12/2/2022	Silty clay with minor gravel, gray, soft, moist.	0.2	NS
B-32 7.5ft	12/2/2022	Silty sand with gravel, brown with orange mottling and gray at fractures, firm, moist	0.1	NS
B-32 13ft	12/2/2022	Silty clay with minor gravel, brown with gray at fractures, firm, moist	0.1	NS
B-32 19ft	12/2/2022	Silty clay with minor gravel, gray, soft, moist.	0.1	NS
B-33 3ft	12/2/2022	Silty sand with gravel, gray, firm, moist.	0.1	NS
B-33 7.5ft	12/2/2022	Silty sand with gravel, brown with orange mottling and gray at fractures, firm, moist	0.4	NS
B-33 12.5ft	12/2/2022	Silty clay with minor gravel, brown, firm, moist.	0.1	NS
B-33 19ft	12/2/2022	Silty clay with minor gravel, gray, soft, moist.	0.1	NS
MW-1 12.5-13ft	12/1/2022	Silty sand with clay and minor gravel, brown with orange mottling, firm, moist	0.1	NS
MW-1 19ft	12/2/2022	Silty clay with minor gravel, gray, soft, moist.	0.3	NS
MW-2 3.5-4ft	12/2/2022	Silty sand with minor gravel, brown with orange mottling, firm, moist	0.2	NS
MW-2 12.5-13ft	12/2/2022	Silty sand with clay and minor gravel, brown, firm, moist.	0.2	NS
MW-2 19ft	12/1/2022	Silty clay with minor gravel, gray, soft, moist.	0.2	NS
MW-3 3.5-4ft	12/1/2022	Silty sand with minor gravel, brown with orange mottling, firm, moist		NS
MW-3 13-13.5	12/1/2022	Silty sand with clay and minor gravel. Brown, firm, moist.	0.3	NS
MW-3 19ft	12/1/2022	Silty clay with minor gravel. Gray, soft, moist.	0.2	NS
MW-4 2.5ft	12/1/2022	Silty sand with minor gravel, brown with orange mottling, firm, moist	0.5	NS
MW-4 13.5-14ft	12/1/2022	Silty sand with clay and minor gravel, brown, firm, moist.	0.2	NS
MW-4 19ft	12/1/2022	Silty sand with clay and minor gravel, gray, soft, moist.	0.1	NS
B-34 7.5-8ft	1/11/2023	Fine sandy silt with minor clay and gravel, brown, firm, moist.	2.1	NS

Table 1
Soil Sample Descriptions
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Sample ID	Date	Soil Sample Description	PID (ppm)	Sheen Test[(a)]
B-34 12.5-13ft	1/11/2023	Silty clay, brown, hard, moist.	3.1	NS
B-34 19-19.5ft	1/11/2023	Silty clay with sand and gravel, gray, soft, moist.	1.2	NS
B-35 7.5-8ft*	1/11/2023	Sample location was over-excavated and resampled at *SS-115 20ft.* Silty clay with minor gravel, brown, firm, moist.	1.5	NS
B-35 12.5-13ft*	1/11/2023	Sample location was over-excavated and resampled at *SS-115 20ft.* Silty clay with minor gravel, brown, firm, moist.	6.4	NS
B-35 19-19.5ft*	1/11/2023	Sample location was over-excavated and resampled at *SS-115 20ft.* Silty clay with sand and gravel, gray, soft, moist.	2.4	NS
B-36 7.5-8ft*	1/11/2023	Sample location was over-excavated and resampled at *SS-98 19.5ft.* Clayey fine sandy silt with minor gravel, brown, firm, moist.	2.3	NS
B-36 12.5-13ft*	1/11/2023	Sample location was over-excavated and resampled at *SS-98 19.5ft.* Clayey silt with minor gravel, brown, firm, moist.	5.4	NS
B-36 19-19.5ft*	1/11/2023	Sample location was over-excavated and resampled at *SS-98 19.5ft.* Silty clay, gray, soft, moist.	2.1	NS
B-37 7.5-8ft*	1/11/2023	Sample location was over-excavated and resampled at *SS-103 19ft.* Fine sandy clayey silt, brown, firm, moist.	1.8	NS
B-37 12.5-13ft*	1/11/2023	Sample location was over-excavated and resampled at *SS-103 19ft.* Fine sandy clayey silt, brown, firm, moist.	1.5	VSS
B-37 19-19.5ft	1/11/2023	Sandy silty clay, gray, soft, moist.	0.9	NS
B-38 7.5-8ft*	1/12/2023	Sample location was over-excavated and resampled at *SS-78 19ft.* Silty clay with gravel and sand, brown, hard, moist.	3.1	VSS
B-38 12.5-13ft*	1/12/2023	Sample location was over-excavated and resampled at *SS-78 19ft.* Silty clay with gravel and sand, brown, hard, moist.	2.2	NS
B-38 19-19.5ft	1/12/2023	Gravelly sandy silty clay, gray, soft, moist.	2.2	VSS
B-39 8-8.5ft	1/12/2023	Gravelly sandy silty clay, brown, firm, moist.	1.8	VSS
B-39 12.5-13ft	1/12/2023	Gravelly sandy silty clay, brown, firm, moist.	1.9	VSS
B-39 19-19.5ft	1/12/2023	Silty clay with sand and gravel, gray, soft, moist.	2.2	VSS
B-40 7.5-8ft	1/12/2023	Silty clay with sand and minor gravel, brown, hard, moist.	1.5	NS
B-40 12.5-13ft	1/12/2023	Silty clay with sand and minor gravel, brown, hard, moist.	2.3	VSS
B-40 19-19.5ft	1/12/2023	Silty clay, gray, soft, moist.	2.8	VSS
B-41 7.5-8ft*	1/12/2023	Sample location was over-excavated and resampled at *SS-134 16.5ft.* Clayey silt with sand and gravel, brown with orange mottling, firm, moist.	2.9	VSS
B-41 12.5-13ft*	1/12/2023	Sample location was over-excavated and resampled at *SS-134 16.5ft.* Clayey silt with sand and gravel, brown, firm, moist.	2.3	VSS
B-41 19-19.5ft	1/12/2023	Silty clay, gray, soft, moist.	2.3	VSS
B-42 7.5-8ft*	1/12/2023	Sample location was over-excavated and resampled at *SS-113 19ft.* Silty clay with minor gravel, brown, hard, moist.	2.2	VSS
B-42 12.5-13ft*	1/12/2023	Sample location was over-excavated and resampled at *SS-113 19ft.* Silty clay with minor gravel, brown, hard, moist.	2.1	VSS
B-42 19-19.5ft	1/12/2023	Silty clay with sand and gravel, gray, soft, moist.	2.1	VSS
B-43 7.5-8ft	1/13/2023	Sandy gravelly clayey silt, brown with minor orange mottling, hard, moist.	1.1	NS
B-43 12.5-13ft	1/13/2023	Sandy clayey silt with minor gravel, brown with minor orange mottling, hard, moist.	1.1	NS
B-43 19-19.5ft	1/13/2023	Sandy clayey silt with minor gravel, gray, soft, moist.	0.8	NS
B-44 7.5-8ft	1/13/2023	Sandy clayey silt with minor gravel, brown with orange mottling, firm, moist	1.2	NS
B-44 12.5-13ft	1/13/2023	Sandy silty clay with minor gravel, brown with orange mottling, hard, moist	1.3	NS
B-44 19-19.5ft	1/13/2023	Gravelly sandy silty clay, gray, soft, moist.	2.0	NS
B-45 7.5-8ft	1/13/2023	Sandy clayey silt with gravel, brown with orange mottling, hard, moist.	1.7	NS
B-45 12.5-13ft	1/13/2023	Silty clay with sand and minor gravel, brown, firm, moist.	1.7	NS
B-45 19-19.5ft	1/13/2023	Silty clay with sand and minor gravel, gray, soft, moist.	1.9	NS
B-46 7.5-8ft	1/13/2023	Silty clay with minor sand and gravel, brown with orange mottling, hard, moist.	3.0	NS
B-46 12.5-13ft	1/13/2023	Silty sandy clay with minor gravel, brown with orange mottling, firm, moist.	1.5	NS
B-46 19-19.5ft	1/13/2023	Silty sandy clay with minor gravel, gray, soft, moist.	1.9	VSS
B-47 7.5-8ft	1/13/2023	Gravelly sandy silty clay, brown with orange mottling, hard, moist.	2.0	VSS
B-47 12.5-13ft	1/13/2023	Gravelly sandy silty clay, brown with orange mottling, firm, moist.	2.9	VSS

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Sample ID	Date	Soil Sample Description	PID (ppm)	Sheen Test[a]
B-47 19-19.5ft	1/13/2023	Gravelly sandy silty clay, gray, soft, moist.	1.8	VSS
B-48 7.5-8ft	1/16/2023	Clayey silt with gravel, brown with orange mottling, hard, moist.	0.8	NS
B-48 12.5-13ft	1/16/2023	Clayey silt with gravel, brown, hard, moist.	1.1	NS
B-48 19-19.5ft	1/16/2023	Clayey silt with gravel, brown, soft, moist.	0.7	VSS[b]
B-49 7.5-8ft*	1/16/2023	Sample location was over-excavated and resampled at *SS-1 14ft* Clayey silt with sand and gravel, brown with orange mottling, firm, moist.	1.0	NS
B-49 12.5-13ft*	1/16/2023	Sample location was over-excavated and resampled at *SS-1 14ft* Silty fine sand with gravel and clay, brown, soft, wet.	1.3	NS
B-49 19-19.5ft	1/16/2023	Silty clay, gray, soft, moist.	1.6	NS
B-50 12.5-13ft	1/16/2023	Clayey silt with gravel, brown, firm, moist.	3.2	NS
B-50 19-19.5ft	1/16/2023	Clayey silt with gravel, gray, soft, moist.	2.7	NS
B-51 12.5-13ft	1/16/2023	Fine sandy silty clay with minor gravel, brown, firm, moist.	1.7	NS
B-51 19-19.5ft	1/16/2023	Fine sandy silty clay with minor gravel, gray, soft, moist.	1.5	NS
B-52 7.5-8ft	1/16/2023	Clayey sandy silt with gravel, brown, firm, moist.	1.1	NS
B-52 12.5-13ft	1/16/2023	Silty clay with sand and gravel, gray, soft, moist.	1.7	NS
B-52 14.5-15ft	1/16/2023	Silty clay with sand and gravel, gray, soft, moist.	1.2	NS
B-53 7.5-8ft	1/17/2023	Silty clay with sand and gravel, brown with orange mottling, firm, moist.	1.7	NS
B-53 12.5-13ft	1/17/2023	Silty clay with sand and gravel, brown, firm, moist.	2.3	VSS
B-53 19-19.5ft	1/17/2023	Silty clay with sand and gravel, gray, soft, moist.	1.2	VSS
B-54 7.5-8ft	1/17/2023	Fine sandy silty clay with gravel, brown with orange mottling, gray at fracutres, hard, moist.	1.6	VSS
B-54 12.5-13ft	1/17/2023	Fine sandy silty clay with gravel, brown with orange mottling, firm, moist.	1.7	VSS
B-54 19-19.5ft	1/17/2023	Fine sandy silty clay with gravel, gray, firm, moist.	1.2	NS
B-55 8.5-9ft	1/17/2023	Sandy clayey silt with gravel, brown with minor orange mottling, firm, moist.	2.1	NS
B-55 12.5-13ft	1/17/2023	Sandy clayey silt with gravel, brown, firm, moist.	1.6	VSS
B-55 19-19.5ft	1/17/2023	Silty clay with sand and gravel, gray, soft, moist.	1.5	VSS
B-56 7.5-8ft	1/17/2023	Silty clay with sand and gravel, brown, hard, moist.	1.0	NS
B-56 12.5-13ft	1/17/2023	Silty clay with sand and gravel, brown, firm, moist.	2.1	NS
B-56 19-19.5ft	1/17/2023	Silty clay with sand and gravel, gray, soft, moist.	2.1	VSS
B-27 West 11-13ft*	3/6/2023	Sample location was over-excavated and resampled at *SS-32 17ft* Silty clay with sand and gravel, brown, firm, moist.	8.4	VSS
B-27 East 12-14ft*	3/6/2023	Sample location was over-excavated and resampled at *SS-32 17ft* Silty clay with sand and gravel, brown, firm, moist.	79.4	VSS
B-27 North 12-14ft*	3/6/2023	Sample location was over-excavated and resampled at *SS-32 17ft* Silty clay with sand and gravel, brown, firm, moist.	29.5	VSS
B-27 Resample*	5/9/2023	Sample location was over-excavated and resampled at *SS-32 17ft* Silty clay with gravel, brown, firm, moist	31.7	VSS
B-27E Resample*	5/9/2023	Sample location was over-excavated and resampled at *SS-32 17ft* Silty clay with gravel, brown, firm, moist	44.1	VSS
Clean Confirmation Soil Samples (Petroleum Soil Remediation)				
CS-1 3ft	9/13/2022	Fine sandy clayey silt, brown with orange mottling, firm, moist.	0.5	VSS[b]
CS-2 2.5ft*	9/13/2022	Sample location was over-excavated and resampled at *CS-48 2.5ft* Organic clayey silt, brown with gray at fractures, firm, moist.	12.3	VSS[b]
CS-3 2.5ft	9/13/2022	Fine sandy clayey silt, brown with orange mottling, firm, moist.	1.5	VSS[b]
CS-4 2.5ft	9/13/2022	Gravelly, organic medium to fine sandy silt, dark gray, firm, moist.	2.8	VSS
CS-5 4ft	9/13/2022	Fine sandy clayey silt, brown with orange mottling, firm, moist.	27.8	VSS
CS-6 3ft	9/13/2022	Clayey silt with gravel, brown, firm, moist.	2.8	NS
CS-7 3.5ft	9/13/2022	Clayey silt with minor gravel, brown with orange mottling, firm, moist.	1.7	NS
CS-8 3.5ft	9/13/2022	Clayey silt with minor gravel, brown, firm, moist.	1.1	VSS
CS-9 2.5ft	9/13/2022	Gravelly medium sand, brown, firm, moist.	2.4	VSS
CS-10 2.5ft*	9/13/2022	Sample location was over-excavated and resampled at *CS-47 2.5ft* Gravelly silty sand with woody debris, dark brown, firm, moist.	58.7	SS[b]
CS-11 2.5ft	9/13/2022	Fine to medium sandy clayey silt, dark brown, firm, moist.	4.9	VSS
CS-12 3.5ft	9/13/2022	Fine sandy silt with clay, brown with minor orange mottling, firm, moist.	1.9	VSS
CS-13 4ft	9/13/2022	Sandy clayey silt, brown, firm, moist.	5.0	VSS[b]
CS-14 4ft	9/13/2022	Fine sandy silt with clay, brown with minor orange mottling, firm, moist.	4.0	NS
CS-15 2.5ft*	9/13/2022	Sample location was over-excavated and resampled at *CS-49 2.5ft* Organic fine sandy silty clay, dark brown, firm, moist.	35.0	SS
CS-16 2.5ft	9/13/2022	Organic silty clay, brown, soft, slightly wet.	8.7	VSS

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Sample ID	Date	Soil Sample Description	PID (ppm)	Sheen Test[a]
CS-17 5ft	9/14/2022	Fine sandy clayey silt, brown with orange mottling, firm, moist.	0.8	NS
CS-18 2.5ft	9/14/2022	Fine to medium sand with silt and gravel, dark gray, firm, moist.	3.1	VSS[b]
CS-19 4ft	9/14/2022	Fine sandy silt with clay, brown with orange mottling, firm, moist.	3.4	NS
CS-20 8ft	9/14/2022	Gravelly medium sand, gray, loose, wet.	2.8	VSS
CS-21 2.5ft	9/14/2022	Silty fine to medium sand, dark gray, loose, moist.	86.4	VSS[b]
CS-22 2.5ft	9/14/2022	Gravelly silty fine to medium sand, brown, firm, moist.	6.7	VSS
CS-23 6ft	9/14/2022	Fine sandy silt, brown with orange mottling, firm, wet.	7.4	VSS
CS-24 2ft	9/14/2022	Silty fine sand, dark gray, firm, moist.	5.1	SS
CS-25 6ft	9/14/2022	Gravelly medium sand, dark gray, loose, moist.	9.8	SS[b]
CS-26 2.5ft	9/14/2022	Organic sandy silt with clay, dark brown, firm, moist.	4.1	SS
CS-27 2.5ft	9/14/2022	Organic sandy silt with clay, dark brown, firm, moist.	2.8	VSS
CS-28 3.5ft	9/14/2022	Silty clay, gray, firm, moist.	3.7	VSS
CS-29 3.5ft	9/14/2022	Clayey silt with gravel, brown, firm, moist.	2.6	SS
CS-30 2.5ft	9/14/2022	Organic fine sandy silt with clay, brown, firm, moist.	6.0	SS
CS-31 1.5ft*	9/27/2022	Sample location was over-excavated and resampled at *CS-52 1.5ft* Organic fine sandy silt with gravel, dark brown, firm, moist.	64.0	VSS
CS-32 1.75ft	9/27/2022	Silty clay with organics, gray, firm, moist.	36.5	VSS
CS-33 2ft	9/27/2022	Fine sandy silt, brown, firm, moist.	4.2	VSS
CS-34 2ft	9/27/2022	Fine sandy silt, olive brown, firm, moist.	1.8	VSS
CS-35 1.5ft	9/27/2022	Gravelly medium sand, brown, loose, moist.	1.5	VSS
CS-36 1ft	9/27/2022	Silty fine sand, brown, firm, moist.	1.2	NS
CS-37 1.25ft*	10/4/2022	Sample location over-excavated and resampled at *CS-50 1.25ft.* Organic silty fine sand with gravel, brown, firm, moist.	4.0	SS
CS-38 1ft	10/4/2022	Highly organic sandy silt with minor gravel, dark brown, loose, moist.	15.4	VSS
CS-39 1ft*	10/4/2022	Sample location over-excavated and resampled at *CS-108 1ft* Organic fine sandy silt with gravel and rootlets, brown, soft, moist.	3.9	SS
CS-40 1.5ft	10/4/2022	Organic fine sandy silt with minor gravel, brown, soft, moist.	13.9	VSS
CS-41 1ft	10/4/2022	Organic fine sandy silt with rootlets, gray, firm, moist.	3.0	VSS
CS-42 1.25ft	10/4/2022	Organic fine sandy silt with rootlets and minor gravel, brown, soft, moist.	24.9	SS[b]
CS-43 2ft	10/4/2022	Silty fine sand, brown, firm, moist.	1.9	VSS
CS-44 2.5ft	10/4/2022	Fine sandy silt, brown, firm, moist.	2.3	VSS
CS-45 5ft	10/4/2022	Fine sandy silt, brown, firm, moist.	1.3	NS
CS-46 3ft	10/4/2022	Fine sandy clayey silt, brown, firm, moist.	3.1	VSS[b]
CS-47 2.5ft	10/10/2022	Fine sandy silty clay, brown with orange mottling, soft, moist.	1.5	VSS
CS-48 2.5ft	10/10/2022	Fine to medium sand with silt, gray, firm, moist to wet.	2.8	VSS
CS-49 2.5ft*	10/10/2022	Sample location was over-excavated and resampled at *CS-61 2.5ft* Organic clayey silt, dark brown, soft, moist.	14.2	VSS
CS-50 1.25ft	10/10/2022	Silty gravelly sand, brown, loose, moist.	1.5	VSS
CS-51 3ft	10/10/2022	Organic clayey silt with sand and gravel, brown with minor orange mottling, firm, moist.	9.0	VSS
CS-52 1.5ft	10/10/2022	Organic clayey silt with gravel, dark brown to black, firm, moist.	4.5	VSS
CS-53 2.5ft	10/10/2022	Fine to medium sand with minor gravel, gray, firm, moist.	2.9	VSS
CS-54 1.5ft	10/10/2022	Organic clayey silt with gravel, dark brown, firm, moist.	11.0	VSS[b]
CS-55 1.5ft	10/10/2022	Organic clayey silt with gravel, dark brown, firm, moist.	2.9	VSS
CS-56 3ft	11/2/2022	Organic fine sandy silt with gravel and rootlets, dark brown, soft, moist.	0.6	VSS
CS-57 1.5ft*	11/2/2022	Sample location was over-excavated and resampled at *CS-110 1.5ft* Organic silty gravel, dark brown, firm, moist.	10.5	VSS
CS-58 1.5ft	11/2/2022	Silty sand with gravel, brown, loose, moist.	1.9	VSS[b]
CS-59 1.5ft*	11/2/2022	Sample location was over-excavated and resampled at *CS-111 1.5ft* Organic gravelly silt with sand, dark brown, firm, moist.	9.2	VSS[b]
CS-60 1.5ft	11/2/2022	Gravelly fine sandy silt with organics, brown, firm, moist.	7.9	VSS
CS-61 2.5ft*	11/2/2022	Sample location was over-excavated and resampled at CS-113 2.5ft Organic sandy clayey silt with gravel, brown, soft, moist.	0.5	VSS
CS-62 2.75ft	11/2/2022	Clayey silt with minor organics, gray, firm, moist.	1.5	NS
CS-63 1.25ft	11/2/2022	Fine sandy silt with organics, brown with orange mottling, firm, moist.	8.2	VSS
CS-64 2ft	11/2/2022	Fine sandy clayey silt, gray with orange mottling, firm, moist.	19.4	VSS
CS-65 4ft	11/2/2022	Gravelly silty medium sand, reddish-brown, firm, moist.	6.7	VSS[b]
CS-66 2ft	11/2/2022	Fine sandy silt with organics, brown with minor orange mottling, firm, moist.	10.2	VSS[b]

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Sample ID	Date	Soil Sample Description	PID (ppm)	Sheen Test[a]
CS-67 3ft	11/2/2022	Clayey silt with organics, gray soft, moist.	2.4	VSS
CS-68 1.5ft	11/2/2022	Organic silt with gravel and rootlets, dark brown, soft, moist.	2.6	VSS
CS-69 1.5ft	11/2/2022	Organic silt with gravel and rootlets, dark brown, soft, moist.	3.5	VSS
CS-70 6ft	11/9/2022	Fine sandy clayey silt, brown, firm, moist.	0.0	VSS
CS-71 5ft	11/9/2022	Silty clay with fine sand, brown, soft, moist.	0.6	VSS
CS-72 5ft	11/9/2022	Silty fine sandy clay with minor gravel, brown, soft, moist.	0.3	NS
CS-73 5ft	11/9/2022	Fine sandy clayey silt, brown, firm, moist.	0.5	NS
CS-74 5ft	11/9/2022	Sandy silty gravel with cobbles, brown, loose, moist	0.9	VSS
CS-75 6.5ft	11/9/2022	Silty clay with sand and minor gravel, brown, firm, moist.	0.7	VSS
CS-76 6ft	11/9/2022	Silty clay with organics, brown, soft, moist.	0.4	VSS
CS-77 6.25ft	11/9/2022	Silty clay with organics, brown, firm, moist.	12.0	VSS
CS-78 5ft	11/9/2022	Organic fine sandy silt, dark brown, soft, wet.	0.5	VSS[b]
CS-79 5ft	11/9/2022	Fine sandy silty clay with minor gravel, brown, soft, moist.	0.7	NS
CS-80 5ft	11/9/2022	Fine sandy silt with organics, dark brown, soft, moist.	3.5	VSS[b]
CS-81 5ft	11/9/2022	Organic silty clay with fine sand, dark brown, soft, wet.	9.0	VSS
CS-82 5ft	11/9/2022	Organic silty clay with sand and minor gravel, dark brown, soft, moist.	5.4	VSS
CS-83 10.25ft	11/9/2022	Fine sandy silty clay with minor gravel and organics, gray with orange mottling, firm, moist.	2.0	VSS[b]
CS-84 7.5-8ft	11/10/2022	Organic silty clay, dark gray, soft, moist.	2.1	VSS[b]
CS-85 7.5-8ft	11/10/2022	Organic silty clay, dark gray, soft, moist.	1.2	VSS
CS-86 8.75ft	11/10/2022	Organic silty clay with minor gravel, dark gray, firm, moist.	1.8	VSS
CS-87 7.5-8ft	11/10/2022	Organic silty clay, brown, soft, slightly plastic, wet.	1.4	VSS
CS-88 9.5ft	11/10/2022	Fine sandy silty clay with minor gravel, dark gray, soft, moist.	4.0	VSS
CS-89 7.5-8ft	11/10/2022	Organic silty clay with minor gravel, brown, soft, moist.	1.8	VSS
CS-90 7.5-8ft	11/10/2022	Organic silty clay with minor gravel, brown, soft, moist.	3.0	VSS
CS-91 10.5ft	11/10/2022	Silty clay, gray, hard, moist.	1.6	NS
CS-92 10.5ft	11/11/2022	Silty clay with gravel, gray with orange mottling, hard, moist.	1.2	VSS
CS-93 7.5-8ft	11/11/2022	Organic silty clay with minor gravel, dark brown, soft, moist.	1.6	VSS
CS-94 10.5ft	11/11/2022	Silty clay, gray with orange mottling, hard, moist.	5.1	VSS
CS-95 10.75ft	11/11/2022	Silty clay, gray with orange mottling, hard, moist.	3.8	NS
CS-96 7.5-8ft	11/11/2022	Very gravelly silty clay, brown, soft, wet.	1.8	VSS
CS-97 7.5-8ft	11/14/2022	Organic silty clay with minor gravel, brown with orange mottling, soft, moist.	2.6	NS
CS-98 10.75ft	11/14/2022	Silty clay with gravel, gray with orange mottling, hard, moist.	2.5	NS
CS-99 7.5-8ft	11/14/2022	Organic silty clay with gravel, dark brown, soft, moist.	1.5	VSS
CS-100 10.5ft	11/14/2022	Silty clay with gravel, gray with orange mottling, hard, moist.	3.1	NS
CS-101 7.5-8ft	11/14/2022	Organic silty clay with minor gravel, dark brown, soft, moist.	4.0	VSS
CS-102 8ft	11/15/2022	Silty sand with minor gravel, gray, firm, moist.	1.0	NS
CS-103 9.5ft	11/15/2022	Silty sand with minor gravel, gray with brown mottling, firm, moist.	0.6	NS
CS-104 8.5ft	11/15/2022	Silty sand with minor gravel and organics, gray, firm, moist.	1.0	NS
CS-105 9ft	11/15/2022	Silty sand with minor gravel, gray with brown mottling, firm, moist.	0.6	NS
CS-106 8.5ft	11/15/2022	Silty sand with minor gravel and organics, gray, firm, moist.	1.0	NS
CS-107 10.5ft	11/15/2022	Silty sand with minor gravel, gray with brown mottling, firm, moist.	1.1	NS
CS-108 1ft	12/16/2022	Organic fine sandy silt with rootlets and minor gravel, brown, soft, moist.	2.4	VSS
CS-109 1ft	12/16/2022	Organic fine sandy silt with rootlets, dark brown, soft, moist.	2.7	VSS
CS-110 1.5ft	12/16/2022	Organic silty sandy gravel, brown, loose, moist.	1.6	VSS
CS-111 1.5ft	12/16/2022	Organic sandy silt with gravel, brown, soft, moist.	0.5	VSS
CS-112 1.5ft	12/16/2022	Silty gravelly medium sand with cobbles, brown, firm, moist.	0.7	VSS
CS-113 2.5ft*	12/16/2022	Sample location was over-excavated and resampled at *CS-119 3ft.* Sandy clayey silt with gravel, brown, firm, moist.	2.9	NS
CS-114 4ft	6/16/23	Fine sandy silt, brown with orange mottling, firm, moist.	1.9	VSS[b]
CS-115 2.5ft	6/16/23	Fine sandy silt, brown with orange mottling, firm, moist.	2.1	VSS[b]
CS-116 2.5ft	6/16/23	Fine sandy silt, brown with orange mottling, firm, moist.	3.5	NS
CS-117 4ft	6/16/23	Organic fine sandy silt with gravel, gray with minor orange mottling, hard, dry.	3.6	VSS[b]
CS-118 2.5ft	6/16/23	Organic silt with rootlets, dark brown to dark gray, firm, moist.	5.3	NS
CS-119 3ft	6/16/23	Organic sandy gravelly silt, dark brown to black, firm, moist to wet.	45.8	MS[b]
Clean Confirmation Soil Samples (TCE Soil Remediation)				
CO-1 0-5ft	5/4/2023	Gravelly sandy silt with clay and minor organics, brown, firm, moist.	3.9	SS
CO-2 0-5ft	5/4/2023	Gravelly sandy silt with clay and minor organics, brown, firm, moist.	2.8	VSS

Table 1
Soil Sample Descriptions
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Sample ID	Date	Soil Sample Description	PID (ppm)	Sheen Test[a]
CO-3 5-9ft	5/8/2023	Clayey silt with sand and gravel, brown, firm, moist.	1.2	VSS
CO-4 5-9ft	5/8/2023	Clayey silt with sand and gravel, brown, firm, moist.	0.8	NS
CO-5 0-5ft	5/8/2023	Gravelly sand with sit, brown, firm, moist.	7.4	VSS
CO-6 0-5ft	5/8/2023	Gravelly silty sand, brown, firm moist.	4.8	SS
CO-7 0-5ft	5/8/2023	Gravelly silty sand with organics, brown, firm moist.	2.2	VSS[b]
CO-8 0-5ft	5/8/2023	Gravelly silty sand with clay, brown, firm, moist.	6.7	SS[b]
CO-9 0-5ft	5/8/2023	Silty gravelly sand with clay, brown, firm, moist.	5.2	VSS[b]
CO-10 0-5ft	5/9/2023	Clayey silt with sand and gravel, brown, firm, moist.	3.4	VSS
CO-11 0-5ft	5/9/2023	Silty gravelly sand, brown, firm, moist.	4.7	VSS[b]
CO-12 3-5ft	5/11/2023	Organic fine sandy silt with clay and gravel, brown, firm, moist.	3.3	NS
CO-13 3-5ft	5/11/2023	Organic fine sandy silt with clay and gravel, brown, firm, moist.	2.3	VSS
CO-14 0-4ft	5/16/2023	Gravelly sand with silt and minor organics, brown, loose, moist	2.7	VSS
CO-15 0-4ft	5/16/2023	Gravelly sand with silt and minor organics, brown, loose, moist	3.7	VSS
CO-16 0-5ft	9/15/2023	Organic fine sandy silt with gravel, brown, firm, dry.	2.6	VSS[b]
CO-17 0-5ft	9/15/2023	Organic fine sandy silt with gravel, brown, firm, dry.	2.3	VSS[b]
CO-18 0-5ft	9/18/2023	Organic sandy gravelly silt with clay, brown, firm, moist.	7.5	VSS
CO-19 0-5ft	9/18/2023	Organic sandy gravelly silt with clay, brown, firm, moist.	8.3	SS
CO-20 0-5ft	9/18/2023	Organic sandy gravelly silt with clay, brown, firm, moist.	4.4	SS
CO-21 0-5ft	9/18/2023	Organic sandy gravelly silt with clay, brown, firm, moist.	3.2	SS
CO-22 0-5ft	9/18/2023	Silty gravelly sand, brown, loose, moist.	32.3	MS
CO-23 0-5ft	9/18/2023	Silty gravelly sand with organics, brown, firm, moist.	101.9	MS
CO-24	9/21/2023	Silty clayey gravelly sand, brown, firm, moist.	0.7	VSS
CO-25	9/21/2023	Silty clayey gravelly sand, brown, firm, moist.	1.7	VSS
CO-26	9/27/2023	Sandy gravelly clayey silt, brown, firm, moist.	2.0	VSS
CO-27	9/27/2023	Sandy gravelly clayey silt, brown, firm, moist.	1.8	VSS
CO-28	10/5/2023	Organic gravelly silty sand with clay, brown, firm, moist.	3.5	VSS
CO-29	10/5/2023	Organic gravelly silty sand with clay, brown, firm, moist.	1.5	VSS[b]
CO-30	10/6/2023	Organic silty sand with gravel, brown, firm, moist.	2.2	VSS
CO-31	10/6/2023	Organic silty sand with gravel, brown, firm, moist.	2.4	NS
CO-32	10/17/2023	Clayey silt with organics and gravel, brown, firm, moist.	0.1	VSS
CO-33	10/17/2023	Clayey gravelly silt with organics, brown, firm, moist.	0.2	VSS
CO-34	10/19/2023	Silty clayey gravelly sand, brown, firm, moist.	1.3	VSS[b]
CO-35	10/20/2023	Silty clayey fine sand with gravel, brown, firm, moist.	0.7	SS
CO-36	10/27/2023	Sandy gravelly clayey silt, brown, firm, moist.	1.0	VSS
CO-37	10/27/2023	Gravelly sandy clayey silt, brown, firm, moist.	4.5	VSS
SS-1 14.5ft	5/8/2023	Silty fine sand with clay, brown with orange mottling, firm, moist	3.0	NS
SS-2 13ft	5/8/2023	Fine sandy silt with clay, brown with orange mottling, firm, moist.	1.5	NS
SS-3 13ft	5/8/2023	Silty clay, brown with gray at fractures, minor orange mottling, hard, moist.	3.1	VSS
SS-4 12.5ft	5/8/2023	Silty clay, minor gravel, brown with orange mottling, hard, moist.	3.4	NS
SS-5 12.5ft*	5/8/2023	Sample location was over-excavated and resampled at *SS-7 13ft* . Silty fine sand, brown, firm, moist.	2.9	NS
SS-6 8ft	5/8/2023	Silty clay with sandy gravel, brown, soft, wet.	8.2	VSS
SS-7 13ft	5/8/2023	Silty clay with gravel and sand, brown, firm, moist.	2.2	VSS
SS-8 9ft*	5/9/2023	Sample location was over-excavated and resampled at *SS-10 12ft* . Gravelly sandy silty clay, gray, soft, wet.	17.1	SS[b]
SS-9 8ft	5/9/2023	Gravelly sandy silty clay, gray, soft, wet.	15.1	VSS
SS-10 12ft	5/10/2023	Silty clay with gravel, brown, hard, moist.	0.9	NS
SS-11 8ft	5/10/2023	Silty clay with gravel and sand, brown, hard, moist.	4.1	NS
SS-12 11.5ft	5/10/2023	Silty clay with sand and gravel, brown, hard, moist.	3.2	NS
SS-13 11ft	5/10/2023	Silty gravelly clay, brown, soft, wet.	4.9	VSS[b]
SS-14 11.5ft	5/10/2023	Silty gravelly clay, brown, soft, wet.	3.0	VSS
SS-15 8.5ft	5/10/2023	Gravelly silty sand, brown, firm, wet.	4.3	VSS[b]
SS-16 12.5ft	5/10/2023	Fine sandy silty clay, brown, hard, moist.	5.0	NS
SS-17 11.5ft	5/10/2023	Silty gravelly clay, gray, soft, wet.	4.4	VSS
SS-18 15ft	5/10/2023	Silty clay with gracel and sand, brown, hard, moist.	6.6	NS
SS-19 12ft	5/10/2023	Silty clay with gravel and sand, brown, firm, moist.	4.7	NS
SS-20 12ft	5/10/2023	Gravelly silty clay, gray, soft, moist.	7.5	VSS
SS-21 15ft	5/10/2023	Silty clay with sand and gravel, brown, hard, moist.	4.6	NS

Table 1
Soil Sample Descriptions
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Sample ID	Date	Soil Sample Description	PID (ppm)	Sheen Test[a]
SS-22 15ft	5/10/2023	Silty clay with gravel, brown, hard, moist.	4.3	NS
SS-23 12ft	5/10/2023	Silty clay with gravel and sand, brown, hard, moist.	3.9	NS
SS-24 8.5ft	5/10/2023	Gravelly silty clay, gray, soft, wet.	5.3	VSS[b]
SS-25 8ft	5/11/2023	Silty sandy gravel, brown, loose, moist.	1.6	NS
SS-26 16ft	5/11/2023	Silty clay with gravel, gray, firm, moist.	3.1	NS
SS-27 8.5ft	5/11/2023	Silty gravelly clay, brown, hard, dry.	4.1	NS
SS-28 16ft	5/11/2023	Silty gravelly clay, brown, hard, moist.	2.6	NS
SS-29 8.5ft*	5/16/2023	Sample location was over-excavated and resampled at *SS-50 9ft* . Gravelly sand with silt, brown, loose, wet.	3.8	VSS
SS-30 16ft	5/16/2023	Sandy silty gravelly clay, gray, firm, moist.	2.1	NS
SS-31 13.5ft	5/16/2023	Sandy silty gravelly clay, brown, hard, moist.	3.4	NS
SS-32 17ft	5/16/2023	Silty sandy clay with gravel, gray, firm, moist.	2.0	NS
SS-33 18ft	5/16/2023	Silty clay with gravel, gray, firm, moist.	2.3	VSS
SS-36 14ft*	5/16/2023	Sample location was over-excavated and resampled at *SS-47 14ft.* Silty clay with gravel, brown, firm, moist.	7.4	VSS
SS-37 17ft*	5/16/2023	Sample location was over-excavated and resampled at *SS-46 18ft.* Silty clay with gravel, gray, firm, moist.	3.0	VSS
SS-38 13ft*	5/16/2023	Sample location was over-excavated and resampled at *SS-45 13ft* . Gravelly silty clay, brown, hard, moist.	7.8	VSS
SS-39 9ft*	5/16/2023	Sample location was over-excavated and resampled at *SS-48 9ft.* Silty gravelly sandy clay, brown, firm, moist.	4.7	VSS
SS-40 14ft	5/16/2023	Sample location was over-excavated. Silty gravelly sandy clay, brown, firm, moist.	10.4	VSS
SS-41 9ft*	5/16/2023	Sample location was over-excavated. Silty sandy clay with gravel, brown, hard, moist.	3.6	VSS
SS-42 14ft*	5/16/2023	Sample location was over-excavated and resampled at *SS-52 14ft* . Sandy silty clay, gray, firm, moist.	185.0	VSS
SS-43 9ft*	5/16/2023	Sample location was over-excavated and resampled at *SS-55 9ft* . Silty clay with gravel, brown, firm, moist.	61.3	VSS
SS-44 9ft*	5/16/2023	Sample location was over-excavated. Silty sandy clay, brown, soft, wet.	86.3	VSS
SS-45 13ft	5/17/2023	Silty gravelly sandy clay, brown, hard, moist.	0.6	NS
SS-46 18ft	5/17/2023	Silty clay with gravel, gray, firm, moist.	0.9	NS
SS-47 14ft	5/17/2023	Silty clay with gravel, brown, firm, moist.	1.0	NS
SS-48 9ft*	5/17/2023	Sample location was over-excavated and resampled at *SS-49 9ft.* Silty gravelly sandy clay, brown, firm, moist.	0.6	NS
SS-49 9ft	5/17/2023	Silty gravelly sandy clay, brown, hard, moist.	0.6	NS
SS-50 9ft	5/17/2023	Silty sandy clay with gravel, brown, firm, moist.	247.6	VSS
SS-51 10ft*	5/17/2023	Sample location was over-excavated. Silty sandy clay with gravel, brown, hard, moist.	5.8	NS
SS-52 14ft	5/18/2023	Silty sandy clay with gravel, brown, firm, moist.	1.5	NS
SS-53 9ft	5/18/2023	Silty sandy clay, brown, hard, moist.	1.1	NS
SS-54 14ft	5/18/2023	Silty sandy gravelly clay, brown, firm, moist.	1.5	VSS[b]
SS-55 9ft	5/18/2023	Gravelly sandy silty clay, brown, gray at fractures, hard, moist.	79.1	VSS[b]
SS-56 9ft	5/18/2023	Silty gravelly sandy clay, brown, hard, moist.	17.4	NS
SS-57 18ft	5/18/2023	Silty clay with gravel, gray, soft, moist.	3.0	NS
SS-58 8.5ft*	9/15/2023	Sample location was over-excavated and resampled at *SS-60 8.5ft.* Sandy clayey silt with gravel, brown, hard, moist.	1.8	NS
SS-59 14ft*	9/15/2023	Sample location was over-excavated and resampled at *SS-61 14ft.* Sandy clayey silt with gravel, brown, hard, moist.	11.8	NS
SS-60 8.5ft*	9/15/2023	Sample location was over-excavated and resampled at *SS-64 8.5ft.* Sandy clayey silt with gravel, brown, hard, moist.	0.4	NS
SS-61 14ft*	9/15/2023	Sample location was over-excavated and resampled at *SS-65 14ft.* Sandy silty clay, brown, firm, moist.	5.4	NS
SS-62 18ft*	9/15/2023	Sample location was over-excavated and resampled at *SS-66 22.25ft* . Clayey silt with sand and gravel, gray, soft, moist.	70.4	NS
SS-63 18.5ft	9/15/2023	Silty clay with sand and gravel, gray, soft, moist.	1.3	VSS
SS-64 8.5ft	9/16/2023	Sandy clayey silt with gravel, brown, hard, moist.	1.4	NS
SS-65 14ft*	9/16/2023	Sample location was over-excavated and resampled at *SS-67 14ft.* Clayey silt with sand and gravel, brown, firm, moist.	2.0	NS

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Soil Sample Descriptions
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Sample ID	Date	Soil Sample Description	PID (ppm)	Sheen Test[(a)]
SS-66 22.25ft	9/16/2023	Silty clay with sand and gravel, gray, sticky, soft, wet.	0.5	NS
SS-67 14ft*	9/16/2023	Sample location was over-excavated and resampled at *SS-68 14ft.* Sandy clayey silt with gravel, brown, firm, moist.	1.5	NS
SS-68 14ft*	9/16/2023	Sample location was over-excavated and resampled at *SS-114 14ft.* Sandy clayey silt with gravel, brown, firm, moist.	2.5	NS
SS-69 20.5ft	9/18/2023	Silty clay with gravel and sand, gray, soft, sticky, wet.	1.5	VSS
SS-70 8.5ft	9/18/2023	Clayey sandy silt with gravel, brown, firm, moist.	2.3	NS
SS-71 14ft	9/18/2023	Clayey silt with sand and gravel, brown with orange mottling, firm, moist.	1.8	VSS
SS-72 19ft	9/18/2023	Fine sandy silty clay with gravel, dark gray, soft, moist.	2.4	VSS
SS-73 8.5ft	9/18/2023	Clayey sandy gravelly silt, brown, firm, moist.	2.1	NS
SS-74 14ft	9/18/2023	Gravelly clayey silt with sand, brown, firm, moist.	2.4	NS
SS-75 8.5ft*	9/19/2023	Sample location was over-excavated and resampled at *SS-77 8.5ft.* Clayey sandy silt with gravel, brown, firm, moist.	2.8	VSS
SS-76 14ft*	9/19/2023	Sample location was over-excavated and resampled at *SS-82 14ft.* Clayey silt with sand & gravel, brown, firm, moist.	15.7	VSS
SS-77 8.5ft*	9/19/2023	Sample location was over-excavated and resampled at *SS-81 8.5ft.* Clayey sandy gravelly silt, brown, firm, moist.	4.4	VSS
SS-78 19ft	9/19/2023	Silty clay with sand and gravel, gray, soft, wet.	1.8	NS
SS-79 21ft	9/19/2023	Fine sandy silty clay with gravel, gray, soft, wet.	2.0	NS
SS-80 12ft*	9/19/2023	Sample location was over-excavated and resampled at *SS-84 11ft.* Sandy gravelly clayey silt, brown, hard, moist.	6.5	NS
SS-81 8.5ft*	9/20/2023	Sample location was over-excavated and resampled at *SS-85 8.5ft.* Clayey silt with sand and gravel, brown, firm, moist.	2.9	VSS
SS-82 14ft*	9/20/2023	Sample location was over-excavated and resampled at *SS-87 14ft.* Clayey sandy silt with gravel, brown, firm, moist.	11.3	VSS
SS-83 10ft*	9/20/2023	Sample location was over-excavated and resampled at *SS-86 8.5ft.* Clayey silt with sand and gravel, brown, firm, moist.	6.3	NS
SS-84 11ft*	9/20/2023	Sample location was over-excavated and resampled at *SS-89 14ft.* Clayey gravelly silt with sand, brown, hard, moist.	1.5	NS
SS-85 9ft*	9/20/2023	Sample location was over-excavated and resampled at *SS-145 9ft.* Sandy clayey silt with gravel, brown, firm, moist.	9.0	NS
SS-86 8.5ft	9/20/2023	Clayey silt with sand and gravel, brown, hard, moist.	3.3	NS
SS-87 14ft	9/20/2023	Silty clay with sand and gravel, brown, soft, moist.	4.0	NS
SS-88 20ft	9/20/2023	Silty gravelly clay, gray, soft, wet.	3.0	NS
SS-89 14ft	9/21/2023	Gravelly sandy clayey silt, brown, firm, moist.	0.7	NS
SS-90 9ft	9/21/2023	Clayey sandy silt with gravel, brown, hard, moist.	1.0	NS
SS-91 19ft	9/21/2023	Silty clay with sand and gravel, gray, soft, wet.	2.5	NS
SS-92 14ft	9/21/2023	Clayey silt, gray, firm, moist.	1.6	VSS
SS-93 9.5ft	9/21/2023	Clayey silt with gravel and sand, brown, soft, moist.	2.1	VSS
SS-94 18ft	9/21/2023	Silty clay with gravel and sand, gray, soft, wet.	1.9	NS
SS-95 8.5ft	9/21/2023	Clayey gravelly sandy silt, brown, hard, moist.	4.0	NS
SS-96 14ft*	9/27/2023	Sample location was over-excavated and resampled at *SS-142 14ft.* Silty clay, brown, soft, wet.	0.0	NS
SS-97 14ft*	9/28/2023	Sample location was over-excavated and resampled at *SS-100 14ft.* Gravelly sandy clayey silt, brown, firm, moist.	3.3	NS
SS-98 19.5ft	9/28/2023	Silty clay with sand and gravel, gray, soft, sticky, wet.	0.3	NS
SS-99 9ft	9/28/2023	Gravelly clayey silt with sand, brown, hard, moist.	2.1	NS
SS-100 14ft	9/28/2023	Clayey silt with gravel, gray, soft, moist.	1.2	NS
SS-101 9ft*	10/5/2023	Sample location was over-excavated and resampled at *SS-104 9ft.* Clayey gravelly sandy silt, brown, hard, moist.	0.0	VSS
SS-102 14ft	10/5/2023	Clayey silt with gravel, brown, firm, moist.	2.9	VSS
SS-103 19ft	10/5/2023	Silty clay, gray, soft, moist.	1.9	NS
SS-104 9ft*	10/5/2023	Sample location was over-excavated and resampled at *SS-130 9ft.* Clayey gravelly sandy silt, brown, hard, moist.	2.5	VSS
SS-105 14ft	10/5/2023	Clayey silt with gravel, brown, hard, moist.	1.8	NS
SS-106 19ft	10/5/2023	Silty clay with gravel, gray, soft, wet.	0.7	NS
SS-107 19ft	10/5/2023	Silty clay with gravel. brown, hard, moist.	2.0	NS
SS-108 9ft*	10/5/2023	Sample location was over-excavated and resampled at *SS-125 9ft.* Clayey sandy silt with gravel, brown, hard, moist.	1.2	NS

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Soil Sample Descriptions
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Sample ID	Date	Soil Sample Description	PID (ppm)	Sheen Test[a]
SS-109 9ft*	10/6/2023	Sample location was over-excavated and resampled at *SS-123 9ft.* Clayey sandy silt with gravel, brown, hard, moist.	2.6	NS
SS-110 14ft	10/6/2023	Silty clay with gravel, gray, firm, moist.	0.0	NS
SS-111 14ft	10/6/2023	Silty clay with gravel, gray, firm, moist.	0.0	NS
SS-112 9ft*	10/6/2023	Sample location was over-excavated and resampled at *SS-117 9ft.* Clayey sandy silt, brown, hard, moist.	16.7	NS
SS-113 19ft	10/6/2023	Silty clay with minor gravel, gray, soft, moist.	4.0	NS
SS-114 14ft	10/16/2023	Clayey silt with gravel, brown, firm, moist.	0.4	NS
SS-115 20ft	10/17/2023	Silty clay with sand and gravel, gray, soft, wet.	0.3	NS
SS-116 9ft	10/19/2023	Clayey silt with gravel, brown, hard, moist.	1.7	VSS[b]
SS-117 9ft	10/19/2023	Clayey silt with sand and gravel, brown, hard, moist.	1.6	NS
SS-118 14ft	10/19/2023	Silty clay with gravel, gray, soft, moist.	0.3	VSS
SS-119 9ft	10/19/2023	Clayey silt with gravel and sand, brown, hard, moist.	0.9	NS
SS-120 16.25ft	10/19/2023	Silty clay with gravel and sand, gray, soft, wet.	0.7	VSS[b]
SS-121 9ft*	10/20/2023	Sample location was over-excavated and resampled at *SS-133 9ft.* Clayey silt with sand & gravel, brown, firm, moist.	1.1	VSS
SS-122 14ft*	10/20/2023	Sample location was over-excavated and resampled at *SS-126 14ft.* Silty gravelly clay, brown, hard, moist.	2.0	VSS
SS-123 9ft	10/20/2023	Fine sandy clayey silt with gravel, brown, hard, moist.	1.8	VSS
SS-124 14ft	10/20/2023	Silty clay with sand and gravel, gray, soft, moist.	0.5	NS
SS-125 9ft*	10/20/2023	Sample location was over-excavated and resampled at *SS-128 9ft.* Sandy clayey silt with gravel, brown, hard, moist.	1.3	VSS
SS-126 14ft	10/23/2023	Silty clay with sand, gravel, gray, soft, moist.	0.1	VSS
SS-127 17.5ft	10/23/2023	Silty clay with sand, gravel, gray, soft, moist.	0.3	VSS
SS-128 9ft	10/26/2023	Clayey sandy silt with gravel, brown, hard, moist.	0.6	NS
SS-129 14ft	10/26/2023	Silty clay, gray, firm, moist.	1.6	NS
SS-130 9ft	10/26/2023	Clayey silt with sand and gravel, bown, hard, moist.	1.6	NS
SS-131 9ft	10/26/2023	Clayey gravelly sandy silt, brown, hard, moist.	1.3	NS
SS-132 14ft	10/27/2023	Silty clay with sand and gravel, brown, firm, moist	0.8	NS
SS-133 9ft	10/27/2023	Clayey sandy silt with gravel, brown, hard, moist	0.7	NS
SS-134 16.5ft	10/27/2023	Silty clay with gravel, gray, soft, wet.	1.1	NS
SS-135 14ft*	10/27/2023	Sample location was over-excavated and resampled at *SS-139 14ft.* Clayey silt with sand and gravel, brown, firm, moist.	2.8	VSS
SS-136 14ft*	10/27/2023	Sample location was over-excavated and resampled at *SS-142 14ft.* Clayey silt with gravel, brown, firm, moist.	1.8	NS
SS-137 9ft*	10/27/2023	Sample location was over-excavated and resampled at *SS-140 9ft.* Clayey silt with sand and gravel, brown, hard, moist.	1.7	NS
SS-138 9ft*	10/27/2023	Sample location was over-excavated and resampled at *SS-143 9ft.* Clayey silt with sand and gravel, brown, hard, moist.	1.5	NS
SS-139 14ft	11/1/2023	Clayey silt with gravel, brown, firm, moist.	0.0	VSS
SS-140 9ft	11/1/2023	Clayey silt, brown, firm, moist.	0.4	VSS
SS-141 17ft	11/1/2023	Silty clay with gravel, gray, soft, wet.	2.0	VSS
SS-142 14ft	11/1/2023	Clayey silt with gravel, brown, firm, moist.	1.2	VSS
SS-143 9ft	11/1/2023	Clayey silt with sand and gravel, brown, hard, moist.	1.2	VSS
SS-144 9ft*	11/6/2023	Sample location was over-excavated and resampled at *SS-148 9ft.* Clayey silt with minor gravel, brown, firm, moist.	1.7	NS
SS-145 9ft*	11/6/2023	Sample location was over-excavated and resampled at *SS-158 9ft.* Clayey silt with minor gravel, brown, firm, moist.	2.1	VSS
SS-146 14ft	11/6/2023	Silty clay, gray, soft, moist.	1.6	VSS
SS-147 9ft*	11/6/2023	Sample location was over-excavated and resampled at *SS-150 9ft.* Clayey silt with minor gravel, brown, firm, moist.	0.0	VSS
SS-148 9ft	11/6/2023	Clayey silt with gravel, brown, firm, moist.	0.0	NS
SS-149 19ft	11/6/2023	Silty clay, gray, soft, moist.	0.5	NS
SS-150 9ft	11/7/2023	Clayey silt with gravel, brown, firm, moist.	0.1	NS
SS-151 9ft	11/7/2023	Clayey silt with gravel, brown, firm, moist.	0.0	NS
SS-152 9ft*	11/7/2023	Sample location was over-excavated and resampled at *SS-156 9ft.* Clayey silt with minor gravel, brown, firm, moist.	0.1	NS
SS-153 14ft	11/7/2023	Clayey silt with gravel, brown, firm, moist.	0.0	NS
SS-154 14ft	11/7/2023	Clayey silt with gravel, brown, firm, moist.	0.0	NS

Table 1
Soil Sample Descriptions
Sunset Commons

Sample ID	Date	Soil Sample Description	PID (ppm)	Sheen Test[(a)]
SS-155 14ft*	11/7/2023	Sample location was over-excavated and resampled at *SS-160 14ft.* Clayey silt with minor gravel, brown, firm, moist.	0.3	NS
SS-156 9ft	11/7/2023	Clayey silt with gravel, brown, firm, moist.	0.1	NS
SS-157 9ft	11/7/2023	Clayey silt with minor gravel, brown, firm, moist.	0.1	NS
SS-158 9ft*	11/7/2023	Sample location was over-excavated and resampled at *SS-171 9ft.* Clayey silt with gravel, brown, firm, moist.	0.1	NS
SS-159 14ft*	11/7/2023	Sample location was over-excavated and resampled at *SS-170 18ft.* Clayey silt with minor gravel, brown, firm, moist.	0.2	NS
SS-160 14ft	11/7/2023	Clayey silt with gravel, brown, firm, moist.	0.1	NS
SS-161 14ft	11/7/2023	Clayey silt with gravel, brown, firm, moist.	0.1	NS
SS-162 14ft	11/7/2023	Clayey silt with gravel, brown, firm, moist.	0.2	NS
SS-163 9ft	11/14/2023	Clayey silt with gravel, brown, firm, moist.	0.3	NS
SS-164 14ft	11/14/2023	Silty clay with gravel, gray, soft, moist.	0.8	NS
SS-165 9ft	11/14/2023	Clayey silt with gravel, brown, firm, moist.	0.3	NS
SS-166 14ft	11/14/2023	Clayey silt with gravel, brown, firm, moist.	0.0	NS
SS-167 10ft	11/14/2023	Clayey silt with gravel, brown, firm, moist.	1.0	NS
SS-168 16ft	11/14/2023	Silty clay with gravel, gray, soft, moist.	0.5	NS
SS-169 14ft	11/14/2023	Silty clay with gravel, gray, soft, moist.	0.8	NS
SS-170 18ft	11/14/2023	Silty clay with minor gravel, gray, soft, moist.	0.7	NS
SS-171 9ft	11/15/2023	Clayey silt with minor gravel, brown, firm, moist.	0.2	NS
SS-172 9ft	11/15/2023	Clayey silt with minor gravel, brown, firm, moist.	0.0	NS
SS-173 16ft	11/15/2023	Silty clay with minor gravel, gray, soft, moist.	0.1	NS

[(a)] - NS = No Sheen; VSS = Very Slight Sheen; SS = Slight Sheen; MS = Moderate Sheen; HS = Heavy Sheen

[(b)] - indicates a broken or weathered sheen

[(c)] - indicates a composite sample collected from 3 sub-locations of similar volume. Sub-locations were chosen based on PID screening, or randomly selected if no significant PID readings.

* - indicates that a sample location was over-excavated and resampled.

Table 2
Soil sample Petroleum Analytical Results
Sunset Commons

Sample ID	Date	NWTPH-Dx Diesel Range (mg/kg)	NWTPH-Dx Oil Range (mg/kg)	NWTPH-Gx Gasoline Range (mg/kg)	EPA-8021 Benzene (mg/kg)	EPA-8021 Toluene (mg/kg)	EPA-8021 Ethylbenzene (mg/kg)	EPA-8021 Total Xylenes (mg/kg)	EPA-8021 MTBE (mg/kg)	EPA-8270 SIM Naphthalenes (mg/kg)
MTCA Method A Cleanup Levels:		2,000	2,000	30	0.03	7	6	9	0.10	5[(a)]
PCS Investigation and Characterization Soil Samples										
PCS-1 Stockpile	6/24/2022	1,300	**5,500**	**140**	ND(<0.03)	ND(<0.05)	0.4	0.39	ND(<0.1)	NA
PCS-2 1ft*	7/5/2022	**20,000**	**52,000**	**250**	**0**	0.10	0.45	0.48	ND(<0.1)	**10**
PCS-3*	8/10/2022	790	380	**350**	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	1.55
PCS-4 2.5ft*	8/18/2022	**6,500**	**5,800**	**100**	ND(<0.03)	ND(<0.05)	0.12	0.23	NA	**100**
PCS-5 2.5ft*	9/13/2022	920	660	**200**	ND(<0.03)	0.052	ND(<0.05)	ND(<0.2)	NA	NA
PCS-6 2ft*	9/14/2022	990	60	**1,800**	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
PCS-7 1.5ft*	9/27/2022	**2,300**	**3,700**	**620**	ND(<0.03)	ND(<0.05)	0.11	0.63	NA	**15**
PCS-8 1.25ft*	10/5/2022	**2,700**	**12,000**	**170**	ND(<0.03)	ND(<0.05)	0.14	0.22	NA	1.37
PCS-9 1ft*	11/2/2022	160	**3,200**	28	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	0.023
PCS-10 5ft*	11/9/22	ND(<25)	ND(<50)	**37**	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
PCS-11 8ft*	11/10/22	ND(<25)	ND(<50)	**130**	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	0.93
PCS-12*	6/13/23	890	**2,600**	ND(<16)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	0.141
PCS-13*	6/13/23	300	970	**170**	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	0.207
PCS-14*	6/13/23	1,700	**10,000**	6	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
Bldg-1-Floor 5ft	8/10/2022	ND(<25)	ND(50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
Bldg-1 South 2.5ft*	8/10/2022	1,600	ND(50)	**430**	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
Bldg-1 East 2.5ft*	8/10/2022	**13,000**	**5,000**	**370**	**0**	0.16	0.75	1.50	NA	**83**
Bldg-1 North 2.5ft	8/10/2022	ND(<25)	ND(50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
Bldg-1 West 2.5ft	8/10/2022	ND(<25)	ND(50)	3.3	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
WaterLine East 2.5ft	8/18/2022	36	ND(55)	9.2	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
WaterLine Floor 6ft	8/18/2022	25	ND(50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
SS-1 4.5ft	7/5/2022	ND(<25)	56	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
SS-2 2.5ft	7/5/2022	ND(<25)	ND(50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA

Table 2
Soil sample Petroleum Analytical Results
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Sample ID	Date	NWTPH-Dx Diesel Range (mg/kg)	NWTPH-Dx Oil Range (mg/kg)	NWTPH-Gx Gasoline Range (mg/kg)	EPA-8021 Benzene (mg/kg)	EPA-8021 Toluene (mg/kg)	EPA-8021 Ethylbenzene (mg/kg)	EPA-8021 Total Xylenes (mg/kg)	EPA-8021 MTBE (mg/kg)	EPA-8270 SIM Naphthalenes (mg/kg)
MTCA Method A Cleanup Levels:		2,000	2,000	30	0.03	7	6	9	0.10	5[(a)]
TP-1 3ft	7/5/2022	290	920	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
TP-1 1.25ft	7/5/2022	ND(<25)	ND(50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
TP-2 2ft	7/5/2022	ND(<25)	60	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
TP-2 1ft	7/5/2022	ND(<25)	ND(50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
TP-3 4.25ft	7/5/2022	ND(<25)	ND(50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
TP-3 2ft	7/5/2022	ND(<25)	ND(50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
TP-4 2.5ft	7/5/2022	ND(<25)	ND(50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
TP-5 4.5ft	7/5/2022	33	85	9.9	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
Stockpile-1	7/26/2022	160	600	13	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	0.088
Stockpile-2	7/26/2022	130	380	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
Stockpile-3	7/26/2022	570	**2,500**	**65**	ND(<0.03)	ND(<0.05)	0.097	ND(<0.2)	NA	0.81
Stockpile-4	7/26/2022	240	1,200	**37**	ND(<0.03)	ND(<0.05)	0.051	ND(<0.2)	NA	0.289
Stockpile-5	7/26/2022	ND(<300)	850	**43**	ND(<0.03)	ND(<0.05)	0.052	ND(<0.2)	NA	0.389
Stockpile-6	7/26/2022	210	790	26	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	0.112
Stockpile-7	7/26/2022	310	1,200	22	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	0.057
Stockpile-8	7/26/2022	ND(<150)	570	7.2	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
Soil Boring Investigations										
B-1 7.5-10ft	10/4/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-1 25ft	10/4/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
B-2 2.5-5ft	10/4/2022	ND(<25)	120	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-2 13ft	10/4/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
B-3 0-3ft*	10/4/2022	940	1,800	**83**	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	0.707
B-3 13ft	10/4/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
B-4 2.5-3ft	10/4/2022	ND(<28)	ND(<57)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)

Table 2
Soil sample Petroleum Analytical Results
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Sample ID	Date	NWTPH-Dx Diesel Range (mg/kg)	NWTPH-Dx Oil Range (mg/kg)	NWTPH-Gx Gasoline Range (mg/kg)	EPA-8021 Benzene (mg/kg)	EPA-8021 Toluene (mg/kg)	EPA-8021 Ethylbenzene (mg/kg)	EPA-8021 Total Xylenes (mg/kg)	EPA-8021 MTBE (mg/kg)	EPA-8270 SIM Naphthalenes (mg/kg)
MTCA Method A Cleanup Levels:		2,000	2,000	30	0.03	7	6	9	0.10	5[(a)]
B-4 14.5ft	10/4/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
B-5 2.5-5ft	10/4/2022	26	93	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-5 12.5ft	10/4/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
B-6 1-3.5ft	10/5/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-7 0-3ft	10/5/2022	190	1,500	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-8 7.5ft*	10/5/2022	ND(<28)	ND(<57)	17	**0**	ND(<0.05)	ND(<0.05)	0.24	NA	1.3
B-8 10ft	10/5/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
B-9 1ft	10/5/2022	ND(<120)	1,800	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-9 4-5ft*	10/5/2022	ND(<25)	74	**44**	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-9 6.5-7ft	10/5/2022	ND(<25)	110	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
B-10 5ft*	10/5/2022	170	ND(<50)	10	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-10 7.5ft	10/5/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
B-11 4-4.5ft	10/5/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-12 5ft	10/5/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-13 3.5-4ft	10/5/2022	ND(<25)	110	6.1	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-14 7.5ft*	10/5/2022	ND(<25)	ND(<50)	**580**	**1**	0.96	3.8	1.9	NA	**9**
B-14 11ft	10/5/2022	ND(<25)	ND(<50)	9.8	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
B-15 5.5-6ft	10/5/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-16 12.5ft*	10/6/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-16 14.75ft*	10/6/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
B-17 8-8.5ft	10/6/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-18 7-7.5ft	10/6/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-19 2.5-3ft	10/6/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-19 4.5-5ft	10/6/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA

Table 2
Soil sample Petroleum Analytical Results
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Sample ID	Date	NWTPH-Dx Diesel Range (mg/kg)	NWTPH-Dx Oil Range (mg/kg)	NWTPH-Gx Gasoline Range (mg/kg)	EPA-8021 Benzene (mg/kg)	EPA-8021 Toluene (mg/kg)	EPA-8021 Ethylbenzene (mg/kg)	EPA-8021 Total Xylenes (mg/kg)	EPA-8021 MTBE (mg/kg)	EPA-8270 SIM Naphthalenes (mg/kg)
MTCA Method A Cleanup Levels:		2,000	2,000	30	0.03	7	6	9	0.10	5[(a)]
B-20 4.5-5ft	10/6/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-20 7-7.5ft	10/6/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
B-21 0-2.5ft	10/6/2022	33	310	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
B-21 7.5ft	10/6/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-22 2.5ft	10/6/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
B-22 7-7.5ft	10/6/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
B-23 3ft	10/6/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-24 2-2.5ft	10/6/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
B-25 2.5-3ft	10/6/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-26 7.5ft	11/30/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-26 13ft	11/30/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-26 20ft	11/30/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-27 7.5-8ft*	11/30/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-27 8.5-9ft*	11/30/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-27 12.5-13ft*	11/30/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-27 20ft	11/30/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-28 7.5-8ft*	11/30/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-28 12.5-13ft*	11/30/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-28 19.5-20ft	11/30/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-29 7.5-8ft	11/30/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-29 12.5-13ft	11/30/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-29 19.5-20t	11/30/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-30 7.5-8ft*	11/30/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-30 12.5-13ft*	11/30/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)

Table 2
Soil sample Petroleum Analytical Results
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Sample ID	Date	NWTPH-Dx Diesel Range (mg/kg)	NWTPH-Dx Oil Range (mg/kg)	NWTPH-Gx Gasoline Range (mg/kg)	EPA-8021 Benzene (mg/kg)	EPA-8021 Toluene (mg/kg)	EPA-8021 Ethylbenzene (mg/kg)	EPA-8021 Total Xylenes (mg/kg)	EPA-8021 MTBE (mg/kg)	EPA-8270 SIM Naphthalenes (mg/kg)
MTCA Method A Cleanup Levels:		2,000	2,000	30	0.03	7	6	9	0.10	5[(a)]
B-30 19.5-20ft	11/30/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-31 7.5-8ft	12/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-31 13ft	12/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-31 19ft	12/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-32 7.5ft	12/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-32 12.5ft	12/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-32 19ft	12/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-33 3ft	12/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-33 7.5ft	12/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-33 12.5ft	12/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-33 19ft	12/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
MW-1 12.5-13ft	12/1/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
MW-1 19ft	12/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
MW-2 3.5-4ft	12/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
MW-2 12.5-13ft	12/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
MW-2 19ft	12/1/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
MW-3 3.5-4ft	12/1/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
MW-3 13-13.5	12/1/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
MW-3 19ft	12/1/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
MW-4 2.5ft	12/1/22	ND(<25)	60	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
MW-4 13.5-14ft	12/1/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
MW-4 19ft	12/1/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
B-34 7.5-8ft	1/11/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-34 12.5-13ft	1/11/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)

Table 2
Soil sample Petroleum Analytical Results
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Sample ID	Date	NWTPH-Dx Diesel Range (mg/kg)	NWTPH-Dx Oil Range (mg/kg)	NWTPH-Gx Gasoline Range (mg/kg)	EPA-8021 Benzene (mg/kg)	EPA-8021 Toluene (mg/kg)	EPA-8021 Ethylbenzene (mg/kg)	EPA-8021 Total Xylenes (mg/kg)	EPA-8021 MTBE (mg/kg)	EPA-8270 SIM Naphthalenes (mg/kg)
MTCA Method A Cleanup Levels:		2,000	2,000	30	0.03	7	6	9	0.10	5[(a)]
B-34 19-19.5ft	1/11/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-35 7.5-8ft*	1/11/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-35 12.5-13ft*	1/11/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-35 19-19.5ft*	1/11/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-36 7.5-8ft*	1/11/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-36 12.5-13ft*	1/11/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-36 19-19.5ft*	1/11/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-37 7.5-8ft*	1/11/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-37 12.5-13ft*	1/11/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-37 19-19.5ft	1/11/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-38 7.5-8ft*	1/12/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-38 12.5-13ft*	1/12/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-38 19-19.5ft	1/12/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-39 8-8.5ft	1/12/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-39 12.5-13ft	1/12/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-39 19-19.5ft	1/12/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-40 7.5-8ft	1/12/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-40 12.5-13ft	1/12/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-40 19-19.5ft	1/12/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-41 7.5-8ft*	1/12/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-41 12.5-13ft*	1/12/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-41 19-19.5ft	1/12/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-42 7.5-8ft*	1/12/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-42 12.5-13ft*	1/12/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)

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Sample ID	Date	NWTPH-Dx Diesel Range (mg/kg)	NWTPH-Dx Oil Range (mg/kg)	NWTPH-Gx Gasoline Range (mg/kg)	EPA-8021 Benzene (mg/kg)	EPA-8021 Toluene (mg/kg)	EPA-8021 Ethylbenzene (mg/kg)	EPA-8021 Total Xylenes (mg/kg)	EPA-8021 MTBE (mg/kg)	EPA-8270 SIM Naphthalenes (mg/kg)
MTCA Method A Cleanup Levels:		2,000	2,000	30	0.03	7	6	9	0.10	5[(a)]
B-42 19-19.5ft	1/12/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-43 7.5-8ft	1/13/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-43 12.5-13ft	1/13/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-43 19-19.5ft	1/13/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-44 7.5-8ft	1/13/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-44 12.5-13ft	1/13/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-44 19-19.5ft	1/13/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-45 7.5-8ft	1/13/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-45 12.5-13ft	1/13/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-45 19-19.5ft	1/13/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-46 7.5-8ft	1/13/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-46 12.5-13ft	1/13/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-46 19-19.5ft	1/13/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-47 7.5-8ft	1/13/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-47 12.5-13ft	1/13/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-47 19-19.5ft	1/13/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-47 19-19.5ft	1/13/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-48 7.5-8ft	1/16/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-48 12.5-13ft	1/16/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-48 19-19.5ft	1/16/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-49 7.5-8ft*	1/16/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-49 12.5-13ft*	1/16/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-49 19-19.5ft	1/16/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-50 12.5-13ft	1/16/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)

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Sample ID	Date	NWTPH-Dx Diesel Range (mg/kg)	NWTPH-Dx Oil Range (mg/kg)	NWTPH-Gx Gasoline Range (mg/kg)	EPA-8021 Benzene (mg/kg)	EPA-8021 Toluene (mg/kg)	EPA-8021 Ethylbenzene (mg/kg)	EPA-8021 Total Xylenes (mg/kg)	EPA-8021 MTBE (mg/kg)	EPA-8270 SIM Naphthalenes (mg/kg)
MTCA Method A Cleanup Levels:		2,000	2,000	30	0.03	7	6	9	0.10	5[(a)]
B-50 19-19.5ft	1/16/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-51 7.5-8ft	1/16/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-51 12.5-13ft	1/16/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-51 19-19.5ft	1/16/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-51 19-19.5ft	1/16/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-52 7.5-8ft	1/16/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-52 12.5-13ft	1/16/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-52 14.5-15ft	1/16/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-52 14.5-15ft	1/16/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-53 7.5-8ft	1/17/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-53 12.5-13ft	1/17/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-53 19-19.5ft	1/17/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-54 7.5-8ft	1/17/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-54 12.5-13ft	1/17/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-54 19-19.5ft	1/17/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-55 8.5-9ft	1/17/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-55 12.5-13ft	1/17/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-55 19-19.5ft	1/17/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-55 19-19.5ft	1/17/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-56 7.5-8ft	1/17/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-56 12.5-13ft	1/17/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-56 19-19.5ft	1/17/23	ND(<50)	ND(<250)	ND(<10)	ND(<.02)	ND(<.1)	ND(<.05)	ND(<.15)	NA	ND(<0.02)
B-27 West 11-13ft*	3/6/23	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.02)
B-27 East 12-14ft*	3/6/23	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.02)

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Sample ID	Date	NWTPH-Dx Diesel Range (mg/kg)	NWTPH-Dx Oil Range (mg/kg)	NWTPH-Gx Gasoline Range (mg/kg)	EPA-8021 Benzene (mg/kg)	EPA-8021 Toluene (mg/kg)	EPA-8021 Ethylbenzene (mg/kg)	EPA-8021 Total Xylenes (mg/kg)	EPA-8021 MTBE (mg/kg)	EPA-8270 SIM Naphthalenes (mg/kg)
MTCA Method A Cleanup Levels:		2,000	2,000	30	0.03	7	6	9	0.10	5[(a)]
B-27 North 12-14ft*	3/6/23	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.02)
Clean Confirmation Soil Samples (Petroleum Soil Remediation)										
CS-1 3ft	9/13/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-2 2.5ft*	9/13/2022	130	220	18	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	0.69
CS-3 2.5ft	9/13/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-4 2.5ft	9/13/2022	ND(<25)	ND(<50)	4.2	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-5 4ft	9/13/2022	ND(<25)	ND(<50)	7.6	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-6 3ft	9/13/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-7 3.5ft	9/13/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-8 3.5ft	9/13/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-9 2.5ft	9/13/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-10 2.5ft*	9/13/2022	660	870	**110**	ND(<0.03)	0.08	0.13	0.51	NA	0.48
CS-11 2.5ft	9/13/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-12 3.5ft	9/13/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-13 4ft	9/13/2022	ND(<25)	ND(<50)	6.1	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-14 4ft	9/13/2022	ND(<25)	ND(<50)	3	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-15 2.5ft*	9/13/2022	ND(<25)	ND(<50)	**52**	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	0.059
CS-16 2.5ft	9/13/2022	ND(<25)	ND(<50)	20	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-17 5ft	9/14/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-18 2.5ft	9/14/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-19 4ft	9/14/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-20 8ft	9/14/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-21 2.5ft	9/14/2022	ND(<25)	ND(<50)	6.8	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-22 2.5ft	9/14/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA

Table 2
Soil sample Petroleum Analytical Results
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Sample ID	Date	NWTPH-Dx Diesel Range (mg/kg)	NWTPH-Dx Oil Range (mg/kg)	NWTPH-Gx Gasoline Range (mg/kg)	EPA-8021 Benzene (mg/kg)	EPA-8021 Toluene (mg/kg)	EPA-8021 Ethylbenzene (mg/kg)	EPA-8021 Total Xylenes (mg/kg)	EPA-8021 MTBE (mg/kg)	EPA-8270 SIM Naphthalenes (mg/kg)
MTCA Method A Cleanup Levels:		2,000	2,000	30	0.03	7	6	9	0.10	5[(a)]
CS-23 6ft	9/14/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-24 2ft	9/14/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-25 6ft	9/14/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-26 2.5ft	9/14/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-27 2.5ft	9/14/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-28 3.5ft	9/14/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-29 3.5ft	9/14/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-30 2.5ft	9/14/2022	36	67	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-31 1.5ft*	9/27/2022	180	400	**48**	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	0.394
CS-32 1.75ft	9/27/2022	30	67	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-33 2ft	9/27/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-34 2ft	9/27/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-35 1.5ft	9/27/2022	36	210	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-36 1ft	9/27/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-37 1.25ft*	10/4/2022	320	1,200	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-38 1ft	10/4/2022	ND(<25)	ND(<50)	7.2	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-39 1ft*	10/4/2022	440	**2,100**	3.6	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-40 1.5ft	10/4/2022	ND(<25)	ND(<50)	14	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-41 1ft	10/4/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-42 1.25ft	10/4/2022	340	900	14	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	0.054
CS-43 2t	10/4/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-44 2.5ft	10/4/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-45 5ft	10/4/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-46 3ft	10/4/2022	NA	NA	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA

Table 2
Soil sample Petroleum Analytical Results
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Sample ID	Date	NWTPH-Dx Diesel Range (mg/kg)	NWTPH-Dx Oil Range (mg/kg)	NWTPH-Gx Gasoline Range (mg/kg)	EPA-8021 Benzene (mg/kg)	EPA-8021 Toluene (mg/kg)	EPA-8021 Ethylbenzene (mg/kg)	EPA-8021 Total Xylenes (mg/kg)	EPA-8021 MTBE (mg/kg)	EPA-8270 SIM Naphthalenes (mg/kg)
MTCA Method A Cleanup Levels:		2,000	2,000	30	0.03	7	6	9	0.10	5[(a)]
CS-47 2.5ft	10/10/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-48 2.5ft	10/10/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-49 2.5ft*	10/10/2022	ND(<29)	ND(<59)	**33**	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-50 1.25ft	10/10/2022	46	420	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-51 1.25ft	10/10/2022	69	160	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-52 1.5ft	10/10/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-53 2.5ft	10/10/2022	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-54 1.5ft	10/10/2022	69	180	4.1	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	0.077
CS-55 1.5ft	10/10/2022	28	91	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-56 3ft	11/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-57 1.5ft*	11/2/22	270	600	**33**	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	0.267
CS-58 1.5ft	11/2/22	82	400	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-59 1.5ft*	11/2/22	450	1,000	**40**	ND(<0.03)	ND(<0.05)	0.052	ND(<0.2)	NA	ND(<0.02)
CS-60 1.5ft	11/2/22	460	1,200	17	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-61 2.5ft*	11/2/22	29	120	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-62 2.75ft	11/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	NA
CS-63 1.25ft	11/2/22	ND(<25)	ND(<50)	5	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-64 2ft	11/2/22	39	170	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-65 4ft	11/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-66 2ft	11/2/22	67	140	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-67 3ft	11/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-68 1.5ft	11/2/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-69 1.5ft	11/2/22	ND(<25)	89	4	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-70 6ft	11/9/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)

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Sample ID	Date	NWTPH-Dx Diesel Range (mg/kg)	NWTPH-Dx Oil Range (mg/kg)	NWTPH-Gx Gasoline Range (mg/kg)	EPA-8021 Benzene (mg/kg)	EPA-8021 Toluene (mg/kg)	EPA-8021 Ethylbenzene (mg/kg)	EPA-8021 Total Xylenes (mg/kg)	EPA-8021 MTBE (mg/kg)	EPA-8270 SIM Naphthalenes (mg/kg)
MTCA Method A Cleanup Levels:		2,000	2,000	30	0.03	7	6	9	0.10	5[(a)]
CS-71 5ft	11/9/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-72 5ft	11/9/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-73 5ft	11/9/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-74 5ft	11/9/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-75 6.5ft	11/9/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-76 6ft	11/9/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-77 6.25ft	11/9/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-78 5ft	11/9/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-79 5ft	11/9/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-80 5ft	11/9/22	ND(<25)	ND(<50)	3.3	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-81 5ft	11/9/22	ND(<25)	ND(<50)	12	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-82 5ft	11/9/22	ND(<25)	ND(<50)	3.1	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-83 10.25ft	11/9/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-84 7.5-8ft	11/10/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-85 7.5-8ft	11/10/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-86 8.75ft	11/10/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-87 7.5-8ft	11/10/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-88 9.5ft	11/10/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-89 7.5-8ft	11/10/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-90 7.5-8ft	11/10/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-91 10.5ft	11/10/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-92 10.5ft	11/11/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-93 7.5-8ft	11/11/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-94 10.5ft	11/11/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)

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Sample ID	Date	NWTPH-Dx Diesel Range (mg/kg)	NWTPH-Dx Oil Range (mg/kg)	NWTPH-Gx Gasoline Range (mg/kg)	EPA-8021 Benzene (mg/kg)	EPA-8021 Toluene (mg/kg)	EPA-8021 Ethylbenzene (mg/kg)	EPA-8021 Total Xylenes (mg/kg)	EPA-8021 MTBE (mg/kg)	EPA-8270 SIM Naphthalenes (mg/kg)
MTCA Method A Cleanup Levels:		2,000	2,000	30	0.03	7	6	9	0.10	5[(a)]
CS-95 10.75ft	11/11/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-96 7.5-8ft	11/11/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-97 7.5-8ft	11/14/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-98 10.75ft	11/14/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-99 7.5-8ft	11/14/22	ND(<25)	ND(<50)	4	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-100 10.5ft	11/14/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	0.054
CS-101 7.5-8ft	11/14/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-102 8ft	11/15/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-103 9.5ft	11/15/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-104 8.5ft	11/15/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-105 9ft	11/15/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-106 8.5ft	11/15/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-107 10.5ft	11/15/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-108 1ft	12/16/22	ND(<25)	ND(<50)	12	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-109 1ft	12/16/22	ND(<25)	ND(<50)	23	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-110 1.5ft	12/16/22	ND(<25)	57	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-111 1.5ft	12/16/22	ND(<25)	52	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-112 1.5ft	12/16/22	150	730	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-113 2.5ft*	12/16/22	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-114 4ft	6/16/23	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-115 2.5ft	6/16/23	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-116 2.5ft	6/16/23	ND(<25)	ND(<50)	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)

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Sample ID	Date	NWTPH-Dx Diesel Range (mg/kg)	NWTPH-Dx Oil Range (mg/kg)	NWTPH-Gx Gasoline Range (mg/kg)	EPA-8021 Benzene (mg/kg)	EPA-8021 Toluene (mg/kg)	EPA-8021 Ethylbenzene (mg/kg)	EPA-8021 Total Xylenes (mg/kg)	EPA-8021 MTBE (mg/kg)	EPA-8270 SIM Naphthalenes (mg/kg)
MTCA Method A Cleanup Levels:		2,000	2,000	30	0.03	7	6	9	0.10	5[(a)]
CS-117 4ft	6/16/23	52	150	ND(<3)	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-118 2.5ft	6/16/23	ND(<25)	ND(<50)	4.4	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	ND(<0.02)
CS-119 3ft	6/16/23	75	120	29	ND(<0.03)	ND(<0.05)	ND(<0.05)	ND(<0.2)	NA	0.44

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

NA - indicates that the specified analyte was not analyzed

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

[(a)] - This is the total value for naphthalene, 1-methyl naphthalene, and 2-methyl naphthalene

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 3
Soil Sample Metals Analytical Results
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Sample ID	Date	EPA-6020 Arsenic (mg/kg)	EPA-6020 Cadmium (mg/kg)	EPA-6020 Chromium (mg/kg)	EPA-6020 Lead (mg/kg)	EPA-7471 Mercury (mg/kg)	EPA-6020 Barium (mg/kg)	EPA-6020 Selenium (mg/kg)	EPA-6020 Silver (mg/kg)
MTCA Method A Cleanup Levels:		20	2	2,000	250	2	16,000	400	400
PCS Investigation and Characterization Soil Samples									
PCS-1 Stockpile	6/26/2022	5	0.24	44	39	0.034	NA	NA	NA
PCS-2 1ft*	7/5/2022	4	0.47	37	**310**	0.026	NA	NA	NA
PCS-2 Disposal*	8/22/2022	NA	NA	NA	17	NA	NA	NA	NA
PCS-3*	8/10/2022	NA	NA	NA	7.4	NA	NA	NA	NA
PCS-4 2.5ft*	8/18/2022	NA	NA	NA	12	NA	NA	NA	NA
PCS-7 1.5ft*	9/27/2022	4.1	0.27	38	92	ND(<0.02)	NA	NA	NA
PCS-8 1.25ft	10/5/22	4.4	0.33	41	160	0.037	NA	NA	NA
PCS-9 1ft*	11/2/22	NA	NA	NA	13	NA	NA	NA	NA
PCS-10 5ft*	11/9/22	NA	NA	NA	6.6	NA	NA	NA	NA
PCS-11 8ft*	11/10/22	NA	NA	NA	5	NA	NA	NA	NA
PCS-12*	6/13/23	NA	NA	NA	10	NA	NA	NA	NA
PCS-13*	6/13/23	NA	NA	NA	41	NA	NA	NA	NA
PCS-14*	6/13/23	NA	NA	NA	31	NA	NA	NA	NA
Bldg-1-Floor 5ft	8/10/2022	NA	NA	NA	3.4	NA	NA	NA	NA
Bldg-1 South 2.5ft*	8/10/2022	NA	NA	NA	5.1	NA	NA	NA	NA
Bldg-1 East 2.5ft*	8/10/2022	NA	NA	NA	8.4	NA	NA	NA	NA
Bldg-1 North 2.5ft	8/10/2022	NA	NA	NA	3	NA	NA	NA	NA
Bldg-1 West 2.5ft	8/10/2022	NA	NA	NA	4.3	NA	NA	NA	NA
TP-3 4.5ft	7/5/2022	NA	NA	NA	4.9	NA	NA	NA	NA
TP-3 2ft	7/5/2022	NA	NA	NA	5.2	NA	NA	NA	NA
Stockpile-1	7/26/2022	NA	NA	NA	20	NA	NA	NA	NA
Stockpile-2	7/26/2022	NA	NA	NA	17	NA	NA	NA	NA
Stockpile-3	7/26/2022	NA	NA	NA	25	NA	NA	NA	NA
Stockpile-4	7/26/2022	NA	NA	NA	19	NA	NA	NA	NA
Stockpile-5	7/26/2022	NA	NA	NA	17	NA	NA	NA	NA
Stockpile-6	7/26/2022	NA	NA	NA	13	NA	NA	NA	NA
Stockpile-7	7/26/2022	NA	NA	NA	24	NA	NA	NA	NA
Stockpile-8	7/26/2022	NA	NA	NA	17	NA	NA	NA	NA
Soil Boring Investigations									
B-1 7.5-10ft	10/4/2022	NA	NA	NA	12	NA	NA	NA	NA
B-2 2.5-5ft	10/4/2022	NA	NA	NA	4.4	NA	NA	NA	NA
B-3 0-3ft*	10/4/2022	NA	NA	NA	98	NA	NA	NA	NA
B-4 2.5-3ft	10/4/2022	NA	NA	NA	28	NA	NA	NA	NA
B-5 2.5-5ft	10/4/2022	NA	NA	NA	65	NA	NA	NA	NA
B-6 1-3.5ft	10/5/2022	NA	NA	NA	5.1	NA	NA	NA	NA
B-7 0-3ft	10/5/2022	NA	NA	NA	42	NA	NA	NA	NA
B-8 7.5ft*	10/5/2022	NA	NA	NA	8.8	NA	NA	NA	NA
B-9 1ft	10/5/2022	NA	NA	NA	7.5	NA	NA	NA	NA
B-9 4-5ft*	10/5/2022	NA	NA	NA	12	NA	NA	NA	NA
B-9 6.5-7ft	10/5/2022	NA	NA	NA	3.8	NA	NA	NA	NA
B-10 5ft*	10/5/2022	NA	NA	NA	4.7	NA	NA	NA	NA
B-11 4-4.5ft	10/5/2022	NA	NA	NA	4.3	NA	NA	NA	NA
B-12 5ft	10/5/2022	NA	NA	NA	6.3	NA	NA	NA	NA
B-13 3.5-4ft	10/5/2022	NA	NA	NA	20	NA	NA	NA	NA

Table 3
Soil Sample Metals Analytical Results
Sunset Commons

Sample ID	Date	EPA-6020 Arsenic (mg/kg)	EPA-6020 Cadmium (mg/kg)	EPA-6020 Chromium (mg/kg)	EPA-6020 Lead (mg/kg)	EPA-7471 Mercury (mg/kg)	EPA-6020 Barium (mg/kg)	EPA-6020 Selenium (mg/kg)	EPA-6020 Silver (mg/kg)
MTCA Method A Cleanup Levels:		20	2	2,000	250	2	16,000	400	400
B-14 7.5ft*	10/5/2022	NA	NA	NA	6.1	NA	NA	NA	NA
B-15 5.5-6ft	10/5/2022	NA	NA	NA	7.4	NA	NA	NA	NA
B-16 12.5ft*	10/6/2022	NA	NA	NA	5	NA	NA	NA	NA
B-17 8-8.5ft	10/6/2022	NA	NA	NA	4.6	NA	NA	NA	NA
B-18 7-7.5ft	10/6/2022	NA	NA	NA	4.2	NA	NA	NA	NA
B-19 2.5-3ft	10/6/2022	NA	NA	NA	5.8	NA	NA	NA	NA
B-19 4.5-5ft	10/6/2022	NA	NA	NA	5.6	NA	NA	NA	NA
B-20 4.5-5ft	10/6/2022	NA	NA	NA	3.7	NA	NA	NA	NA
B-21 0-2.5ft	10/6/2022	NA	NA	NA	10	NA	NA	NA	NA
B-21 7.5ft	10/6/2022	NA	NA	NA	5	NA	NA	NA	NA
B-22 2.5ft	10/6/2022	NA	NA	NA	5.3	NA	NA	NA	NA
B-23 3ft	10/6/2022	NA	NA	NA	5.2	NA	NA	NA	NA
B-24 2-2.5ft	10/6/2022	NA	NA	NA	3.2	NA	NA	NA	NA
B-25 2.5-3ft	10/6/2022	NA	NA	NA	5.1	NA	NA	NA	NA
B-26 7.5ft	11/30/2022	NA	NA	NA	4.5	NA	NA	NA	NA
B-26 13ft	11/30/2022	NA	NA	NA	4.6	NA	NA	NA	NA
B-26 20ft	11/30/2022	NA	NA	NA	4.3	NA	NA	NA	NA
B-27 7.5-8ft*	11/30/2022	NA	NA	NA	4.5	NA	NA	NA	NA
B-27 8.5-9ft*	11/30/2022	NA	NA	NA	3.8	NA	NA	NA	NA
B-27 12.5-13ft*	11/30/2022	NA	NA	NA	4.9	NA	NA	NA	NA
B-27 20ft	11/30/2022	NA	NA	NA	4.8	NA	NA	NA	NA
B-28 7.5-8ft*	11/30/2022	NA	NA	NA	4.8	NA	NA	NA	NA
B-28 12.5-13ft*	11/30/2022	NA	NA	NA	4.7	NA	NA	NA	NA
B-28 19.5-20ft	11/30/2022	NA	NA	NA	4.7	NA	NA	NA	NA
B-29 7.5-8ft	11/30/2022	NA	NA	NA	12	NA	NA	NA	NA
B-29 12.5-13ft	11/30/2022	NA	NA	NA	4.2	NA	NA	NA	NA
B-29 19.5-20t	11/30/2022	NA	NA	NA	4.8	NA	NA	NA	NA
B-30 7.5-8ft*	11/30/2022	NA	NA	NA	3.9	NA	NA	NA	NA
B-30 12.5-13ft*	11/30/2022	NA	NA	NA	5	NA	NA	NA	NA
B-30 19.5-20ft	11/30/2022	NA	NA	NA	4.5	NA	NA	NA	NA
B-31 7.5-8ft	12/2/22	NA	NA	NA	4.8	NA	NA	NA	NA
B-31 13ft	12/2/22	NA	NA	NA	3.9	NA	NA	NA	NA
B-31 19ft	12/2/22	NA	NA	NA	4.5	NA	NA	NA	NA
B-32 7.5ft	12/2/22	NA	NA	NA	4.4	NA	NA	NA	NA
B-32 12.5ft	12/2/22	NA	NA	NA	4.4	NA	NA	NA	NA
B-32 19ft	12/2/22	NA	NA	NA	4.5	NA	NA	NA	NA
B-33 3ft	12/2/22	NA	NA	NA	4.2	NA	NA	NA	NA
B-33 7.5ft	12/2/22	NA	NA	NA	4.7	NA	NA	NA	NA
B-33 12.5ft	12/2/22	NA	NA	NA	5.1	NA	NA	NA	NA
B-33 19ft	12/2/22	NA	NA	NA	3.8	NA	NA	NA	NA
MW-1 12.5-13ft	12/1/22	NA	NA	NA	4.8	NA	NA	NA	NA
MW-1 19ft	12/2/22	NA	NA	NA	4.5	NA	NA	NA	NA
MW-2 3.5-4ft	12/2/22	NA	NA	NA	4.3	NA	NA	NA	NA
MW-2 12.5-13ft	12/2/22	NA	NA	NA	4.8	NA	NA	NA	NA
MW-2 19ft	12/1/22	NA	NA	NA	4.6	NA	NA	NA	NA

Table 3
Soil Sample Metals Analytical Results
Sunset Commons

Sample ID	Date	EPA-6020 Arsenic (mg/kg)	EPA-6020 Cadmium (mg/kg)	EPA-6020 Chromium (mg/kg)	EPA-6020 Lead (mg/kg)	EPA-7471 Mercury (mg/kg)	EPA-6020 Barium (mg/kg)	EPA-6020 Selenium (mg/kg)	EPA-6020 Silver (mg/kg)
MTCA Method A Cleanup Levels:		20	2	2,000	250	2	16,000	400	400
MW-3 3.5-4ft	12/1/22	NA	NA	NA	4.8	NA	NA	NA	NA
MW-3 13-13.5	12/1/22	NA	NA	NA	4.5	NA	NA	NA	NA
MW-3 19ft	12/1/22	NA	NA	NA	4.4	NA	NA	NA	NA
MW-4 2.5ft	12/1/22	NA	NA	NA	4.9	NA	NA	NA	NA
MW-4 13.5-14ft	12/1/22	NA	NA	NA	4.9	NA	NA	NA	NA
MW-4 19ft	12/1/22	NA	NA	NA	6.2	NA	NA	NA	NA
B-35 7.5-8ft*	1/11/23	NA	NA	NA	4.6	NA	NA	NA	NA
B-35 12.5-13ft*	1/11/23	NA	NA	NA	4.8	NA	NA	NA	NA
B-35 19-19.5ft	1/11/23	NA	NA	NA	4.2	NA	NA	NA	NA
B-36 7.5-8ft*	1/11/23	NA	NA	NA	4	NA	NA	NA	NA
B-36 12.5-13 ft*	1/11/23	NA	NA	NA	4.5	NA	NA	NA	NA
B-36 19-19.5ft	1/11/23	NA	NA	NA	4.9	NA	NA	NA	NA
B-37 7.5-8ft*	1/11/23	NA	NA	NA	4.6	NA	NA	NA	NA
B-37 12.5-13ft*	1/11/23	NA	NA	NA	4.4	NA	NA	NA	NA
B-37 19-19.5ft	1/11/23	NA	NA	NA	4.8	NA	NA	NA	NA
B-38 7.5-8ft*	1/12/23	NA	NA	NA	4.2	NA	NA	NA	NA
B-38 12.5-13ft*	1/12/23	NA	NA	NA	5.3	NA	NA	NA	NA
B-38 19-19.5ft	1/12/23	NA	NA	NA	4.9	NA	NA	NA	NA
B-41 7.5-8ft*	1/12/23	NA	NA	NA	4.6	NA	NA	NA	NA
B-41 12.5-13ft*	1/12/23	NA	NA	NA	3.8	NA	NA	NA	NA
B-41 19-19.5ft	1/12/23	NA	NA	NA	4.4	NA	NA	NA	NA
B-42 7.5-8ft*	1/12/23	NA	NA	NA	4.6	NA	NA	NA	NA
B-42 12.5-13ft*	1/12/23	NA	NA	NA	4.9	NA	NA	NA	NA
B-42 19-19.5ft	1/12/23	NA	NA	NA	4.7	NA	NA	NA	NA
B-47 7.5-8ft	1/13/23	NA	NA	NA	4.4	NA	NA	NA	NA
B-47 12.5-13ft	1/13/23	NA	NA	NA	4.4	NA	NA	NA	NA
B-47 19-19.5ft	1/13/23	NA	NA	NA	4.3	NA	NA	NA	NA
B-49 7.5-8ft*	1/16/23	NA	NA	NA	4.2	NA	NA	NA	NA
B-49 12.5-13ft*	1/16/23	NA	NA	NA	2.9	NA	NA	NA	NA
B-49 19-19.5ft	1/16/23	NA	NA	NA	4.6	NA	NA	NA	NA
B-27 West 11-13ft*	3/6/23	6.4	0.21	45	4.8	0.042	110	ND(<1)	ND(<0.10)
B-27 East 12-14ft*	3/6/23	6.6	0.2	46	4.7	0.04	110	ND(<1)	ND(<0.10)
B-27 North 12-14ft*	3/6/23	5.6	0.2	47	4.7	0.043	110	ND(<1)	ND(<0.10)
Clean Confirmation Soil Samples (Petroleum Soil Remediation)									
CS-5 4ft	9/13/2022	6.4	ND(<0.2)	58	4.5	0.068	NA	NA	NA
CS-10 2.5ft*	9/13/2022	4.4	0.41	35	81	0.025	NA	NA	NA
CS-15 2.5ft*	9/13/2022	NA	NA	NA	7.6	NA	NA	NA	NA
CS-20 8ft	9/14/2022	2.8	ND(<0.2)	36	2.6	ND(<0.02)	NA	NA	NA
CS-21 2.5ft	9/14/2022	3.6	ND(<0.2)	46	2.9	0.021	NA	NA	NA
CS-24 2ft	9/14/2022	NA	NA	NA	3.2	NA	NA	NA	NA
CS-25 6ft	9/14/2022	NA	NA	NA	3.1	NA	NA	NA	NA
CS-26 2.5ft	9/14/2022	NA	NA	NA	3.9	NA	NA	NA	NA
CS-30 2.5ft	9/14/2022	NA	NA	NA	5.3	NA	NA	NA	NA
CS-31 1.5ft*	9/28/2022	NA	NA	NA	29	NA	NA	NA	NA
CS-33 2ft	9/28/2022	NA	NA	NA	3.5	NA	NA	NA	NA

Table 3
Soil Sample Metals Analytical Results
Sunset Commons

Sample ID	Date	EPA-6020 Arsenic (mg/kg)	EPA-6020 Cadmium (mg/kg)	EPA-6020 Chromium (mg/kg)	EPA-6020 Lead (mg/kg)	EPA-7471 Mercury (mg/kg)	EPA-6020 Barium (mg/kg)	EPA-6020 Selenium (mg/kg)	EPA-6020 Silver (mg/kg)
MTCA Method A Cleanup Levels:		20	2	2,000	250	2	16,000	400	400
CS-37 1.25ft*	10/4/2022	NA	NA	NA	**250**	NA	NA	NA	NA
CS-38 1ft	10/4/2022	NA	NA	NA	17	NA	NA	NA	NA
CS-39 1ft*	10/4/2022	NA	NA	NA	13	NA	NA	NA	NA
CS-40 1.5ft	10/4/2022	NA	NA	NA	6.4	NA	NA	NA	NA
CS-41 1ft	10/4/2022	NA	NA	NA	5	NA	NA	NA	NA
CS-42 1.25ft	10/4/2022	NA	NA	NA	26	NA	NA	NA	NA
CS-43 2t	10/4/2022	NA	NA	NA	4.7	NA	NA	NA	NA
CS-44 2.5ft	10/4/2022	NA	NA	NA	6.6	NA	NA	NA	NA
CS-45 5ft	10/4/2022	NA	NA	NA	5.2	NA	NA	NA	NA
CS-46 3ft	10/4/2022	NA	NA	NA	5.5	NA	NA	NA	NA
CS-47 2.5ft	10/10/2022	NA	NA	NA	6.3	NA	NA	NA	NA
CS-48 2.5ft	10/10/2022	NA	NA	NA	3.3	NA	NA	NA	NA
CS-49 2.5ft*	10/10/2022	NA	NA	NA	9.2	NA	NA	NA	NA
CS-50 1.25ft	10/10/2022	NA	NA	NA	12	NA	NA	NA	NA
CS-51 1.25ft	10/10/2022	NA	NA	NA	14	NA	NA	NA	NA
CS-52 1.5ft	10/10/2022	NA	NA	NA	14	NA	NA	NA	NA
CS-53 2.5ft	10/10/2022	NA	NA	NA	2.7	NA	NA	NA	NA
CS-54 1.5ft	10/10/2022	NA	NA	NA	12	NA	NA	NA	NA
CS-55 1.5ft	10/10/2022	NA	NA	NA	19	NA	NA	NA	NA
CS-56 3ft	11/2/22	NA	NA	NA	8.2	NA	NA	NA	NA
CS-57 1.5ft*	11/2/22	NA	NA	NA	47	NA	NA	NA	NA
CS-58 1.5ft	11/2/22	NA	NA	NA	26	NA	NA	NA	NA
CS-59 1.5ft*	11/2/22	NA	NA	NA	59	NA	NA	NA	NA
CS-60 1.5ft	11/2/22	NA	NA	NA	70	NA	NA	NA	NA
CS-61 2.5ft*	11/2/22	NA	NA	NA	8.4	NA	NA	NA	NA
CS-62 2.75ft	11/2/22	NA	NA	NA	5.2	NA	NA	NA	NA
CS-63 1.25ft	11/2/22	NA	NA	NA	8.2	NA	NA	NA	NA
CS-64 2ft	11/2/22	NA	NA	NA	8.6	NA	NA	NA	NA
CS-65 4ft	11/2/22	NA	NA	NA	2.6	NA	NA	NA	NA
CS-66 2ft	11/2/22	NA	NA	NA	29	NA	NA	NA	NA
CS-67 3ft	11/2/22	NA	NA	NA	5.2	NA	NA	NA	NA
CS-68 1.5ft	11/2/22	NA	NA	NA	11	NA	NA	NA	NA
CS-69 1.5ft	11/2/22	NA	NA	NA	9.4	NA	NA	NA	NA
CS-70 6ft	11/9/22	NA	NA	NA	4.2	NA	NA	NA	NA
CS-71 5ft	11/9/22	NA	NA	NA	4.4	NA	NA	NA	NA
CS-72 5ft	11/9/22	NA	NA	NA	3.9	NA	NA	NA	NA
CS-73 5ft	11/9/22	NA	NA	NA	4.7	NA	NA	NA	NA
CS-74 5ft	11/9/22	NA	NA	NA	12	NA	NA	NA	NA
CS-75 6.5ft	11/9/22	NA	NA	NA	5.1	NA	NA	NA	NA
CS-76 6ft	11/9/22	NA	NA	NA	3.9	NA	NA	NA	NA
CS-77 6.25ft	11/9/22	NA	NA	NA	5.3	NA	NA	NA	NA
CS-78 5ft	11/9/22	NA	NA	NA	5	NA	NA	NA	NA
CS-79 5fft	11/9/22	NA	NA	NA	6.4	NA	NA	NA	NA
CS-80 5ft	11/9/22	NA	NA	NA	4.7	NA	NA	NA	NA
CS-81 5ft	11/9/22	NA	NA	NA	4.2	NA	NA	NA	NA

Table 3
Soil Sample Metals Analytical Results
Sunset Commons

Sample ID	Date	EPA-6020 Arsenic (mg/kg)	EPA-6020 Cadmium (mg/kg)	EPA-6020 Chromium (mg/kg)	EPA-6020 Lead (mg/kg)	EPA-7471 Mercury (mg/kg)	EPA-6020 Barium (mg/kg)	EPA-6020 Selenium (mg/kg)	EPA-6020 Silver (mg/kg)
MTCA Method A Cleanup Levels:		20	2	2,000	250	2	16,000	400	400
CS-82 5ft	11/9/22	NA	NA	NA	5	NA	NA	NA	NA
CS-83 10.25ft	11/9/22	NA	NA	NA	4.1	NA	NA	NA	NA
CS-84 7.5-8ft	11/10/22	NA	NA	NA	5.2	NA	NA	NA	NA
CS-85 7.5-8ft	11/10/22	NA	NA	NA	4.6	NA	NA	NA	NA
CS-86 8.75ft	11/10/22	NA	NA	NA	4.5	NA	NA	NA	NA
CS-87 7.5-8ft	11/10/22	NA	NA	NA	21	NA	NA	NA	NA
CS-88 9.5ft	11/10/22	NA	NA	NA	4.8	NA	NA	NA	NA
CS-89 7.5-8ft	11/10/22	NA	NA	NA	6.9	NA	NA	NA	NA
CS-90 7.5-8ft	11/10/22	NA	NA	NA	5.7	NA	NA	NA	NA
CS-91 10.5ft	11/10/22	NA	NA	NA	4.9	NA	NA	NA	NA
CS-92 10.5ft	11/11/22	NA	NA	NA	5.9	NA	NA	NA	NA
CS-93 7.5-8ft	11/11/22	NA	NA	NA	7	NA	NA	NA	NA
CS-94 10.5ft	11/11/22	NA	NA	NA	5.3	NA	NA	NA	NA
CS-95 10.75ft	11/11/22	NA	NA	NA	4.9	NA	NA	NA	NA
CS-96 7.5-8ft	11/11/22	NA	NA	NA	6.9	NA	NA	NA	NA
CS-97 7.5-8ft	11/14/22	NA	NA	NA	6.5	NA	NA	NA	NA
CS-98 10.75ft	11/14/22	NA	NA	NA	5.2	NA	NA	NA	NA
CS-99 7.5-8ft	11/14/22	NA	NA	NA	6.2	NA	NA	NA	NA
CS-100 10.5ft	11/14/22	NA	NA	NA	5.3	NA	NA	NA	NA
CS-101 7.5-8ft	11/14/22	NA	NA	NA	6.3	NA	NA	NA	NA
CS-102 8ft	11/15/22	NA	NA	NA	4.9	NA	NA	NA	NA
CS-103 9.5ft	11/15/22	NA	NA	NA	5.6	NA	NA	NA	NA
CS-104 8.5ft	11/15/22	NA	NA	NA	4.5	NA	NA	NA	NA
CS-105 9ft	11/15/22	NA	NA	NA	4.3	NA	NA	NA	NA
CS-106 8.5ft	11/15/22	NA	NA	NA	4.4	NA	NA	NA	NA
CS-107 10.5ft	11/15/22	NA	NA	NA	5.1	NA	NA	NA	NA
CS-108 1ft	12/16/22	NA	NA	NA	11	NA	NA	NA	NA
CS-109 1ft	12/16/22	NA	NA	NA	10	NA	NA	NA	NA
CS-110 1.5ft	12/16/22	NA	NA	NA	10	NA	NA	NA	NA
CS-111 1.5ft	12/16/22	NA	NA	NA	16	NA	NA	NA	NA
CS-112 1.5ft	12/16/22	NA	NA	NA	8.5	NA	NA	NA	NA
CS-113 2.5ft*	12/16/22	NA	NA	NA	5.7	NA	NA	NA	NA
CS-114 4ft	6/16/23	NA	NA	NA	4.7	NA	NA	NA	NA
CS-115 2.5ft	6/16/23	NA	NA	NA	4.8	NA	NA	NA	NA
CS-116 2.5ft	6/16/23	NA	NA	NA	3.6	NA	NA	NA	NA
CS-117 4ft	6/16/23	NA	NA	NA	7.5	NA	NA	NA	NA
CS-118 2.5ft	6/16/23	NA	NA	NA	9.5	NA	NA	NA	NA
CS-119 3ft	6/16/23	NA	NA	NA	9	NA	NA	NA	NA

NA - indicates that the specified analyte was not analyzed

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 4
Soil Sample cPAH Analytical Results
Sunset Commons

Sample ID	Date	EPA-8270 Benzo[a]pyrene (mg/kg)	EPA-8270 Benzo[a]anthracene (mg/kg)	EPA-8270 Benzo[a]fluoranthene (mg/kg)	EPA-8270 Benzo[k]fluoranthene (mg/kg)	EPA-8270 Chrysene (mg/kg)	EPA-8270 Dibenz[a,h]anthracene (mg/kg)	EPA-8270 Indeno[1,2,3-cd]pyrene (mg/kg)	Total cPAH Equivalent (TEq)[(a)] (mg/kg)
Toxicity Equivalency Factor (TEF):		1	0.1	0.1	0.1	0.01	0.1	0.1	--
MTCA Method A Cleanup Level:		--	--	--	--	--	--	--	0.1[(b)]
PCS Investigation and Characterization Soil Samples									
PCS-2 1ft*	7/5/2022	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)	**0.151**
PCS-3*	8/10/2022	ND(<0.02)	ND(<0.02)	0.035	ND(<0.02)	0.064	ND(<0.02)	ND(<0.02)	0.018
PCS-4 2.5ft*	8/18/2022	ND(<0.02)	0.64	0.57	ND(<0.02)	1.9	ND(<0.02)	ND(<0.02)	**0.153**
PCS-7 1.5ft*	9/27/2022	0.032	0.04	0.075	0.05	0.12	ND(<0.02)	0.039	0.055
PCS-8 1.25ft*	10/5/2022	ND(<0.033)	ND(<0.02)	ND(<0.04)	ND(<0.033)	ND(<0.02)	ND(<0.046)	ND(<0.039)	0.026
PCS-9 1ft*	11/2/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.077	ND(<0.02)	0.025	0.017
PCS-10 5ft*	11/9/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
PCS-11 8ft*	11/10/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
PCS-12*	6/13/23	0.057	0.055	ND(<0.02)	0.07	0.056	ND(<0.02)	0.03	0.075
PCS-13*	6/13/23	0.067	0.078	0.094	0.045	0.1	ND(<0.02)	0.03	0.094
PCS-14*	6/13/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
Bldg-1 South 2.5ft*	8/10/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
Bldg-1 East 2.5ft*	8/10/2022	0.19	0.41	0.32	0.21	0.87	0.097	0.056	**0.308**
Stockpile-3	7/26/2022	0.063	0.048	0.14	0.099	0.12	ND(<0.02)	0.058	**0.100**
Stockpile-5	7/26/2022	0.038	ND(<0.02)	0.071	0.047	0.05	ND(<0.02)	0.024	0.055
Soil Boring Investigations									
B-1 7.5-10ft	10/4/2022	ND(<0.02)	ND(<0.02)	0.029	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.017
B-2 2.5-5ft	10/4/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-3 0-3ft*	10/4/2022	0.027	0.027	0.035	ND(<0.02)	0.079	ND(<0.02)	ND(<0.02)	0.037
B-4 2.5-3ft	10/4/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-5 2.5-5ft	10/4/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-6 1-3.5ft	10/5/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-7 0-3ft	10/5/2022	ND(<0.02)	ND(<0.02)	0.03	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.017
B-8 7.5ft*	10/5/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-9 1ft	10/5/2022	0.037	ND(<0.02)	0.056	ND(<0.02)	0.067	ND(<0.02)	0.028	0.049
B-9 4-5ft*	10/5/2022	ND(<0.02)	ND(<0.02)	0.02	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.016
B-10 5ft*	10/5/2022	0.11	0.081	0.12	0.067	0.099	ND(<0.02)	0.055	**0.144**
B-11 4-4.5ft	10/5/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015

Table 4
Soil Sample cPAH Analytical Results
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Sample ID	Date	EPA-8270 Benzo[a]pyrene (mg/kg)	EPA-8270 Benzo[a]anthracene (mg/kg)	EPA-8270 Benzo[a]fluoranthene (mg/kg)	EPA-8270 Benzo[k]fluoranthene (mg/kg)	EPA-8270 Chrysene (mg/kg)	EPA-8270 Dibenz[a,h]anthracene (mg/kg)	EPA-8270 Indeno[1,2,3-cd]pyrene (mg/kg)	Total cPAH Equivalent (TEq)[(a)] (mg/kg)
Toxicity Equivalency Factor (TEF):		1	0.1	0.1	0.1	0.01	0.1	0.1	--
MTCA Method A Cleanup Level:		--	--	--	--	--	--	--	0.1[(b)]
B-12 5ft	10/5/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-13 3.5-4ft	10/5/2022	0.022	ND(<0.02)	0.031	ND(<0.02)	0.022	ND(<0.02)	0.02	0.030
B-14 7.5ft*	10/5/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-15 5.5-6ft	10/5/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-16 12.5ft*	10/6/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-17 8-8.5ft	10/6/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-18 7-7.5ft	10/6/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-19 2.5-3ft	10/6/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-20 4.5-5ft	10/6/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-21 7.5ft	10/6/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-23 3ft	10/6/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-25 2.5-3ft	10/6/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-26 7.5ft	11/30/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-26 13ft	11/30/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-26 20ft	11/30/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-27 7.5-8ft*	11/30/2022	0.030	0.022	0.046	ND(<0.02)	0.023	ND(<0.02)	0.024	0.041
B-27 8.5-9ft*	11/30/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-27 12.5-13ft*	11/30/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-27 20ft	11/30/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-28 7.5-8ft*	11/30/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-28 12.5-13ft*	11/30/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-28 19.5-20ft	11/30/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-29 7.5-8ft	11/30/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-29 12.5-13ft	11/30/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-29 19.5-20t	11/30/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-30 7.5-8ft*	11/30/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-30 12.5-13ft*	11/30/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-30 19.5-20ft	11/30/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-31 7.5-8ft	12/2/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015

Table 4
Soil Sample cPAH Analytical Results
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Sample ID	Date	EPA-8270 Benzo[a]pyrene (mg/kg)	EPA-8270 Benzo[a]anthracene (mg/kg)	EPA-8270 Benzo[a]fluoranthene (mg/kg)	EPA-8270 Benzo[k]fluoranthene (mg/kg)	EPA-8270 Chrysene (mg/kg)	EPA-8270 Dibenz[a,h]anthracene (mg/kg)	EPA-8270 Indeno[1,2,3-cd]pyrene (mg/kg)	Total cPAH Equivalent (TEq)[(a)] (mg/kg)
Toxicity Equivalency Factor (TEF):		1	0.1	0.1	0.1	0.01	0.1	0.1	--
MTCA Method A Cleanup Level:		--	--	--	--	--	--	--	0.1[(b)]
B-31 13ft	12/2/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-31 19ft	12/2/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-32 7.5ft	12/2/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-32 12.5ft	12/2/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-32 19ft	12/2/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-33 3ft	12/2/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-33 7.5ft	12/2/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-33 12.5ft	12/2/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-33 19ft	12/2/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
MW-1 12.5-13ft	12/1/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
MW-1 19ft	12/2/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
MW-2 3.5-4ft	12/2/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
MW-2 12.5-13ft	12/2/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
MW-2 19ft	12/1/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
MW-3 3.5-4ft	12/1/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
MW-3 13-13.5	12/1/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
MW-3 19ft	12/1/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
MW-4 2.5ft	12/1/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
MW-4 13.5-14ft	12/1/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
MW-4 19ft	12/1/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-35 7.5-8ft	1/11/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-35 12.5-13ft	1/11/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-35 19-19.5ft	1/11/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-36 7.5-8ft	1/11/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-36 12.5-13 ft	1/11/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-36 19-19.5ft	1/11/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-37 7.5-8ft	1/11/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-37 12.5-13ft	1/11/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-37 19-19.5ft	1/11/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015

Table 4
Soil Sample cPAH Analytical Results
Sunset Commons

Sample ID	Date	EPA-8270 Benzo[a]pyrene (mg/kg)	EPA-8270 Benzo[a]anthracene (mg/kg)	EPA-8270 Benzo[a]fluoranthene (mg/kg)	EPA-8270 Benzo[k]fluoranthene (mg/kg)	EPA-8270 Chrysene (mg/kg)	EPA-8270 Dibenz[a,h]anthracene (mg/kg)	EPA-8270 Indeno[1,2,3-cd]pyrene (mg/kg)	Total cPAH Equivalent (TEq)[(a)] (mg/kg)
Toxicity Equivalency Factor (TEF):		1	0.1	0.1	0.1	0.01	0.1	0.1	--
MTCA Method A Cleanup Level:		--	--	--	--	--	--	--	0.1[(b)]
B-38 7.5-8ft	1/12/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-38 12.5-13ft	1/12/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-38 19-19.5ft	1/12/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-41 7.5-8ft	1/12/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-41 12.5-13ft	1/12/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-41 19-19.5ft	1/12/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-42 7.5-8ft	1/12/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-42 12.5-13ft	1/12/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-42 19-19.5ft	1/12/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-47 7.5-8ft	1/13/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-47 12.5-13ft	1/13/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-47 19-19.5ft	1/13/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-49 7.5-8ft*	1/16/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-49 12.5-13ft*	1/16/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-49 19-19.5ft	1/16/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
B-27 West 11-13ft*	3/6/23	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	0.015
B-27 East 12-14ft*	3/6/23	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	0.015
B-27 North 12-14ft*	3/6/23	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	0.015
Clean Confirmation Soil Samples									
CS-1 3ft	9/13/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-2 2.5ft*	9/13/2022	0.13	0.044	ND(<0.02)	ND(<0.02)	0.16	0.028	0.039	**0.145**
CS-5 4ft	9/13/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-8 3.5ft	9/13/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-10 2.5ft*	9/13/2022	0.037	0.026	0.053	ND(<0.02)	0.073	ND(<0.02)	0.027	0.050
CS-13 4ft	9/13/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-15 2.5ft*	9/13/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-16 2.5ft	9/13/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-20 8ft	9/14/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-21 2.5ft	9/14/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015

Table 4
Soil Sample cPAH Analytical Results
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Sample ID	Date	EPA-8270 Benzo[a]pyrene (mg/kg)	EPA-8270 Benzo[a]anthracene (mg/kg)	EPA-8270 Benzo[a]fluoranthene (mg/kg)	EPA-8270 Benzo[k]fluoranthene (mg/kg)	EPA-8270 Chrysene (mg/kg)	EPA-8270 Dibenz[a,h]anthracene (mg/kg)	EPA-8270 Indeno[1,2,3-cd]pyrene (mg/kg)	Total cPAH Equivalent (TEq)[(a)] (mg/kg)
Toxicity Equivalency Factor (TEF):		1	0.1	0.1	0.1	0.01	0.1	0.1	--
MTCA Method A Cleanup Level:		--	--	--	--	--	--	--	0.1[(b)]
CS-24 2ft	9/14/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-25 6ft	9/14/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-26 2.5ft	9/14/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-30 2.5ft	9/14/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-31 1.5ft*	9/28/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-33 2ft	9/28/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-37 1.25ft*	10/4/2022	0.11	0.054	0.15	0.077	0.11	0.034	0.1	**0.153**
CS-39 1ft*	10/4/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-42 1.25ft	10/4/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.037	ND(<0.02)	ND(<0.02)	0.015
CS-45 5ft	10/4/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-49 2.5ft*	10/10/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-51 1.25ft	10/10/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-54 1.5ft	10/10/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-57 1.5ft*	11/2/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.027	ND(<0.02)	ND(<0.02)	0.015
CS-61 2.5ft*	11/2/22	0.1	0.075	0.11	0.051	0.085	ND(<0.02)	0.071	**0.133**
CS-64 2ft	11/2/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-69 1.5ft	11/2/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-70 6ft	11/9/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-71 5ft	11/9/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-72 5ft	11/9/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-73 5ft	11/9/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-74 5ft	11/9/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-75 6.5ft	11/9/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-76 6ft	11/9/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-77 6.25ft	11/9/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-78 5ft	11/9/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-79 5fft	11/9/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-80 5ft	11/9/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-81 5ft	11/9/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015

Table 4
Soil Sample cPAH Analytical Results
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Sample ID	Date	EPA-8270 Benzo[a]pyrene (mg/kg)	EPA-8270 Benzo[a]anthracene (mg/kg)	EPA-8270 Benzo[a]fluoranthene (mg/kg)	EPA-8270 Benzo[k]fluoranthene (mg/kg)	EPA-8270 Chrysene (mg/kg)	EPA-8270 Dibenz[a,h]anthracene (mg/kg)	EPA-8270 Indeno[1,2,3-cd]pyrene (mg/kg)	Total cPAH Equivalent (TEq)[(a)] (mg/kg)
Toxicity Equivalency Factor (TEF):		1	0.1	0.1	0.1	0.01	0.1	0.1	--
MTCA Method A Cleanup Level:		--	--	--	--	--	--	--	0.1[(b)]
CS-82 5ft	11/9/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-83 10.25ft	11/9/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-84 7.5-8ft	11/10/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-85 7.5-8ft	11/10/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-86 8.75ft	11/10/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-87 7.5-8ft	11/10/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-88 9.5ft	11/10/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-89 7.5-8ft	11/10/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-90 7.5-8ft	11/10/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-91 10.5ft	11/10/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-92 10.5ft	11/11/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-93 7.5-8ft	11/11/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-94 10.5ft	11/11/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-95 10.75ft	11/11/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-96 7.5-8ft	11/11/22	0.043	0.063	0.078	0.036	0.1	ND(<0.02)	0.03	0.066
CS-97 7.5-8ft	11/14/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-98 10.75ft	11/14/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-99 7.5-8ft	11/14/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-100 10.5ft	11/14/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-101 7.5-8ft	11/14/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-102 8ft	11/15/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-103 9.5ft	11/15/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-104 8.5ft	11/15/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-105 9ft	11/15/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-106 8.5ft	11/15/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-107 10.5ft	11/15/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-108 1ft	12/16/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-109 1ft	12/16/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-110 1.5ft	12/16/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015

Table 4
Soil Sample cPAH Analytical Results
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Sample ID	Date	EPA-8270 Benzo[a]pyrene (mg/kg)	EPA-8270 Benzo[a]anthracene (mg/kg)	EPA-8270 Benzo[a]fluoranthene (mg/kg)	EPA-8270 Benzo[k]fluoranthene (mg/kg)	EPA-8270 Chrysene (mg/kg)	EPA-8270 Dibenz[a,h]anthracene (mg/kg)	EPA-8270 Indeno[1,2,3-cd]pyrene (mg/kg)	Total cPAH Equivalent (TEq)[(a)] (mg/kg)
Toxicity Equivalency Factor (TEF):		1	0.1	0.1	0.1	0.01	0.1	0.1	--
MTCA Method A Cleanup Level:		--	--	--	--	--	--	--	0.1[(b)]
CS-111 1.5ft	12/16/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-112 1.5ft	12/16/22	0.06	0.057	0.084	0.039	0.069	ND(<0.02)	0.044	0.084
CS-113 2.5ft	12/16/22	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-113 2.5ft*	12/17/22	0.078	0.055	0.11	0.051	0.1	ND(<0.02)	0.057	**0.107**
CS-114 4ft	6/16/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-115 2.5ft	6/16/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-116 2.5ft	6/16/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-117 4ft	6/16/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-118 2.5ft	6/16/23	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
CS-119 3ft	6/16/23	0.042	0.064	0.068	0.021	0.071	ND(<0.02)	ND(<0.02)	0.060

TEF - Toxicity Equivalency Factor (WAC 173-340-900 table 708.2)

TEq - Toxicity Equivalency to benzo(a)pyrene, calculated by multiplying result by appropriate TEF.

ND - indicates analyte was not detected at level above reporting limit (shown in parentheses)

For ND values, the TEF was multiplied by one half the reporting limit

[(a)] - cPAH level calculated using Toxicity equivalency methodology provided in WAC 173-340-708(8)

[(b)] - Method A cleanup level of Benzo(a)pyrene

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 5
Soil Sample PCBs Analytical Results
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Sample ID	Date	PCB-1016 (mg/kg)	PCB-1221 (mg/kg)	PCB-1232 (mg/kg)	PCB-1242 (mg/kg)	PCB-1248 (mg/kg)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)	PCB-1268 (mg/kg)
MTCA Method B Cleanup Level[a]:		6	-	-	-	-	2	1	-
B-1 7.5-10ft	10/5/2022	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)
B-2 2.5-5ft	10/4/2022	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)
B-3 0-3ft*	10/4/2022	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)
B-4 2.5-3ft	10/4/2022	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)
B-5 2.5-5ft	10/4/2022	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)
B-6 1-3.5ft	10/5/2022	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)
B-7 0-3ft	10/5/2022	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)
B-8 7.5ft*	10/5/2022	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)
B-9 1ft	10/5/2022	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)
B-9 4-5ft*	10/5/2022	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)
B-14 7.5ft*	10/5/2022	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)
PCS-8 1.25ft*	10/5/2022	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)
B-27 West 11-13ft*	3/6/2023	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)
B-27 East 12-14ft*	3/6/2023	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)
B-27 North 12-14ft*	3/6/2023	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)	ND(<0.1)

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 6
Soil Sample Pesticides Analytical Results
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Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level:	B-5 12.5ft	B-16 12.5ft*	B-17 8-8.5ft	B-21 0-2.5ft
Date		mg/kg	mg/kg	10/4/2022	10/6/2022	10/6/2022	10/6/2022
4,4'-DDD	mg/kg	-	4.2	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
4,4'-DDE	mg/kg	-	2.9	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
4,4'-DDT	mg/kg	3	-	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Aldrin	mg/kg	-	2.4	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
alpha-BHC	mg/kg	-	640	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
beta-BHC	mg/kg	-	0.56	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
gamma-BHC (Lindane)	mg/kg		0.01	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
delta-BHC	mg/kg		0.16	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Chlordane	mg/kg	-	40	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)
Dieldrin	mg/kg	-	4	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Endosulfan I	mg/kg	-	-	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Endosulfan II	mg/kg	-	-	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Endosulfan Sulfate	mg/kg	-	480	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Endrin	mg/kg	-	24	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Endrin Aldehyde	mg/kg	-	-	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Heptachlor	mg/kg	-	40	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Heptachlor Epoxide	mg/kg	-	1	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Methoxychlor	mg/kg	-	400	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Toxaphene	mg/kg	-	7.2	ND(<0.5)	ND(<0.5)	ND(<0.5)	ND(<0.5)

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 7
Soil Sample VOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[a]:	PCS-8 1.25ft*	B-1 7.5-10ft	B-9 4-5ft*	B-14 7.5ft*	B-16 12.5ft*	B-26 7.5ft	B-26 13ft	B-26 20ft	B-27 7.5-8ft*	B-27 8.5-9ft*	B-27 12.5-13ft*	B-27 20ft	B-28 7.5-8ft*	B-28 12.5-13ft*	B-28 19.5-20ft	B-29 7.5-8ft	B-29 12.5-13ft	B-29 19.5-20t	B-30 7.5-8ft*	B-30 12.5-13ft*	B-30 19.5-20ft	B-31 7.5-8ft
Date		mg/kg	mg/kg	10/5/22	10/4/22	10/5/22	10/5/22	10/6/22	11/30/22	11/30/22	11/30/22	11/30/22	11/30/22	11/30/22	11/30/22	11/30/22	11/30/22	11/30/22	11/30/22	11/30/22	11/30/22	11/30/22	11/30/22	11/30/22	12/2/22
Dichlorodifluoromethane	mg/kg	-	1,600	ND(<0.025)	0.019	ND(<0.01)	ND(<0.03)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	0.011	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	0.016	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Chloromethane	mg/kg	-	-	ND(<0.023)	ND(<0.01)	ND(<0.01)	ND(<0.028)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Vinyl Chloride	mg/kg	-	1	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Bromomethane	mg/kg	-	110	ND(<0.026)	ND(<0.01)	ND(<0.01)	ND(<0.031)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Chloroethane	mg/kg	-	-	ND(<0.02)	ND(<0.01)	ND(<0.01)	ND(<0.023)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Carbon Tetrachloride	mg/kg	-	14	ND(<0.013)	ND(<0.01)	ND(<0.01)	ND(<0.015)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Trichlorofluoromethane	mg/kg	-	24,000	ND(<0.016)	ND(<0.01)	ND(<0.01)	ND(<0.019)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,1-Dichloroethene	mg/kg	-	1,800	ND(<0.025)	ND(<0.01)	ND(<0.01)	ND(<0.029)	0.015	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	0.019	0.032	ND(<0.01)	ND(<0.01)	0.035	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	0.044	ND(<0.01)	ND(<0.01)
Methylene Chloride	mg/kg	0.02	-	*ND(<0.13)*	ND(<0.02)	ND(<0.02)	*ND(<0.15)*	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)
Trans-1,2-Dichloroethene	mg/kg		1,600	ND(<0.024)	ND(<0.01)	ND(<0.01)	ND(<0.028)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,1-Dichloroethane	mg/kg	-	16,000	ND(<0.013)	ND(<0.01)	ND(<0.01)	ND(<0.015)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	0.012	0.013	ND(<0.01)	ND(<0.01)	0.012	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	0.024	ND(<0.01)	ND(<0.01)
Cis-1,2-Dichloroethene	mg/kg	-	160	ND(<0.015)	ND(<0.01)	ND(<0.01)	ND(<0.017)	0.026	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	0.09	0.11	ND(<0.01)	ND(<0.01)	0.021	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	0.014	ND(<0.01)	ND(<0.01)
2,2-Dichloropropane	mg/kg	-	-	ND(<0.019)	ND(<0.01)	ND(<0.01)	ND(<0.022)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Bromochloromethane	mg/kg	-	-	ND(<0.017)	ND(<0.01)	ND(<0.01)	ND(<0.02)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Chloroform	mg/kg	-	32	ND(<0.024)	ND(<0.01)	ND(<0.01)	ND(<0.029)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,1,1-Trichloroethane (TCA)	mg/kg	2.0	-	ND(<0.026)	ND(<0.01)	ND(<0.01)	ND(<0.03)	0.015	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	0.025	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	0.023	ND(<0.01)	ND(<0.01)
1,1-Dichloropropene	mg/kg	-	-	ND(<0.021)	ND(<0.01)	ND(<0.01)	ND(<0.025)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,2-Dichloroethane (EDC)	mg/kg	-	11	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Trichloroethene (TCE)	mg/kg	0.03	-	ND(<0.014)	ND(<0.01)	ND(<0.01)	ND(<0.016)	**1.9**	ND(<0.01)	ND(<0.01)	ND(<0.01)	**1.7**	**7.4**	**13**	ND(<0.01)	**0.05**	**1.4**	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	**0.23**	ND(<0.01)	ND(<0.01)
1,2-Dichloropropane	mg/kg	-	27	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Dibromomethane	mg/kg	-	800	ND(<0.025)	ND(<0.01)	ND(<0.01)	ND(<0.03)	ND(<0.01)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)
Bromodichloromethane	mg/kg	-	16	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Trans-1,3-Dichloropropene	mg/kg	-	10	ND(<0.017)	ND(<0.01)	ND(<0.01)	ND(<0.02)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Cis-1,3-Dichloropropene	mg/kg	-	10	ND(<0.011)	ND(<0.01)	ND(<0.01)	ND(<0.013)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,1,2-Trichloroethane	mg/kg	-	18	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,3-Dichloropropane	mg/kg	-	1,600	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Tetrachloroethylene (PCE)	mg/kg	0.05	-	ND(<0.016)	ND(<0.01)	ND(<0.01)	ND(<0.019)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Dibromochloromethane	mg/kg	-	12	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,2 Dibromoethane (EDB)	mg/kg	0.005	-	ND(<0.006)	ND(<0.005)	ND(<0.005)	ND(<0.0071)	ND(<0.005)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Chlorobenzene	mg/kg	-	1,600	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,1,1,2-Tetrachloroethane	mg/kg	-	38	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.012)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Bromoform	mg/kg	-	130	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.011)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,1,2,2-Tetrachloroethane	mg/kg	-	5	ND(<0.018)	ND(<0.01)	ND(<0.01)	ND(<0.021)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,2,3-Trichloropropane	mg/kg	-	0.0063	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Bromobenzene	mg/kg	-	640	ND(<0.012)	ND(<0.01)	ND(<0.01)	ND(<0.014)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
2-Chlorotoluene	mg/kg	-	1,600	ND(<0.013)	ND(<0.01)	ND(<0.01)	ND(<0.016)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
4-Chlorotoluene	mg/kg	-	1,600	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.011)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,3-Dichlorobenzene	mg/kg	-	-	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,4-Dichlorobenzene	mg/kg	-	190	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.012)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,2-Dichlorobenzene	mg/kg	-	7,200	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,2-Dibromo-3-Chloropropane	mg/kg	-	0.23	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)
1,2,4-Trichlorobenzene	mg/kg	-	34	ND(<0.015)	ND(<0.01)	ND(<0.01)	ND(<0.017)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Hexachlorobutadiene	mg/kg	-	13	ND(<0.013)	ND(<0.01)	ND(<0.01)	ND(<0.016)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,2,3-Trichlorobenzene	mg/kg	-	64	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)

[a] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 720-2 (carcinogens) based on drinking water beneficial use. If no carcinogenic value was listed then the non-carcinogenic value was applied.

[b] - CCV recovery was below method acceptance limits

[c] -exceeded calibration range, result is an estimate

[d] - Analyte detected in the associated Method Blank

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 7
Soil Sample VOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[a]:	B-31 13ft	B-31 19ft	B-32 7.5ft	B-32 12.5ft	B-32 19ft	B-33 3ft	B-33 7.5ft	B-33 12.5ft	B-33 19ft	MW-1 12.5-13ft	MW-1 19ft	MW-2 3.5-4ft	MW-2 12.5-13ft	MW-2 19ft	MW-3 3.5-4ft	MW-3 13-13.5	MW-3 19ft	MW-4 2.5ft	MW-4 13.5-14ft	MW-4 19ft	B-34 7.58-8ft	B-34 12.5-13ft	B-34 19-19.5ft
Date		**mg/kg**	**mg/kg**	**12/2/22**	**12/2/22**	**12/2/22**	**12/2/22**	**12/2/22**	**12/2/22**	**12/2/22**	**12/2/22**	**12/2/22**	**12/1/22**	**12/2/22**	**12/2/22**	**12/2/22**	**12/1/22**	**12/1/22**	**12/1/22**	**12/1/22**	**12/1/22**	**12/1/22**	**12/1/22**	**1/11/23**	**1/11/23**	**1/11/23**
Dichlorodifluoromethane	mg/kg	-	1,600	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
Chloromethane	mg/kg	-	-	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.06)	ND(<0.06)	ND(<0.06)
Vinyl Chloride	mg/kg	-	1	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.02)	ND(<0.02)	ND(<0.02)
Bromomethane	mg/kg	-	110	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
Chloroethane	mg/kg	-	-	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.06)	ND(<0.06)	ND(<0.06)
Carbon Tetrachloride	mg/kg	-	14	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Trichlorofluoromethane	mg/kg	-	24,000	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
1,1-Dichloroethene	mg/kg	-	1,800	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.05)	ND(<0.05)	ND(<0.05)
Methylene Chloride	mg/kg	0.02	-	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	NA	NA	NA
Trans-1,2-Dichloroethene	mg/kg		1,600	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,1-Dichloroethane	mg/kg	-	16,000	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Cis-1,2-Dichloroethene	mg/kg	-	160	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.03)	ND(<0.03)	ND(<0.03)
2,2-Dichloropropane	mg/kg	-	-	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.05)	ND(<0.05)	ND(<0.05)
Bromochloromethane	mg/kg	-	-	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
Chloroform	mg/kg	-	32	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,1,1-Trichloroethane (TCA)	mg/kg	2.0	-	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,1-Dichloropropene	mg/kg	-	-	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,2-Dichloroethane (EDC)	mg/kg	-	11	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Trichloroethene (TCE)	mg/kg	0.03	-	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.02)	ND(<0.02)	ND(<0.02)
1,2-Dichloropropane	mg/kg	-	27	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Dibromomethane	mg/kg	-	800	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	NA	NA	NA
Bromodichloromethane	mg/kg	-	16	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
Trans-1,3-Dichloropropene	mg/kg	-	10	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Cis-1,3-Dichloropropene	mg/kg	-	10	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,1,2-Trichloroethane	mg/kg	-	18	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,3-Dichloropropane	mg/kg	-	1,600	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
Tetrachloroethylene (PCE)	mg/kg	0.05	-	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Dibromochloromethane	mg/kg	-	12	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
1,2 Dibromoethane (EDB)	mg/kg	0.005	-	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
Chlorobenzene	mg/kg	-	1,600	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
1,1,1,2-Tetrachloroethane	mg/kg	-	38	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
Bromoform	mg/kg	-	130	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	-	5	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
1,2,3-Trichloropropane	mg/kg	-	0.0063	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
Bromobenzene	mg/kg	-	640	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
2-Chlorotoluene	mg/kg	-	1,600	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.04)	ND(<0.04)	ND(<0.04)
4-Chlorotoluene	mg/kg	-	1,600	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.04)	ND(<0.04)	ND(<0.04)
1,3-Dichlorobenzene	mg/kg	-	-	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.04)	ND(<0.04)	ND(<0.04)
1,4-Dichlorobenzene	mg/kg	-	190	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.04)	ND(<0.04)	ND(<0.04)
1,2-Dichlorobenzene	mg/kg	-	7,200	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
1,2-Dibromo-3-Chloropropane	mg/kg	-	0.23	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	-	34	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
Hexachlorobutadiene	mg/kg	-	13	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	-	64	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	NA	NA	NA

[a] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 720-2 (carcinogens) bas

[b] - CCV recovery was below method acceptance limits

[c] -exceeded calibration range, result is an estimate

[d] - Analyte detected in the associated Method Blank

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 7
Soil Sample VOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[a]:	B-35 7.5-8ft*	B-35 12.5-13ft*	B-35 19-19.5ft*	B-36 7.5-8ft*	B-36 12.5-13ft*	B-36 19-19.5ft*	B-37 7.5-8ft*	B-37 12.5-13ft*	B-37 19-19.5ft	B-38 7.5-8ft*	B-38 12.5-13ft*	B-38 19-19.5ft	B-39 8-8.5ft	B-39 12.5-13ft	B-39 19-19.5ft	B-40 7.5-8ft	B-40 12.5-13ft	B-40 19-19.5ft	B-41 7.5-8ft*	B-41 12.5-13ft*	B-41 19-19.5ft	B-42 7.5-8ft*	B-42 12.5-13ft*
Date		**mg/kg**	**mg/kg**	**1/11/23**	**1/11/23**	**1/11/23**	**1/11/23**	**1/11/23**	**1/11/23**	**1/11/23**	**1/11/23**	**1/11/23**	**1/12/23**	**1/12/23**	**1/12/23**	**1/12/23**	**1/12/23**	**1/12/23**	**1/12/23**	**1/12/23**	**1/12/23**	**1/12/23**	**1/12/23**	**1/12/23**	**1/12/23**	**1/12/23**
Dichlorodifluoromethane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	mg/kg	-	-	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)
Vinyl Chloride	mg/kg	-	1	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)
Bromomethane	mg/kg	-	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	-	-	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)
Carbon Tetrachloride	mg/kg	-	14	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Trichlorofluoromethane	mg/kg	-	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/kg	-	1,800	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)
Methylene Chloride	mg/kg	0.02	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	mg/kg		1,600	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,1-Dichloroethane	mg/kg	-	16,000	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Cis-1,2-Dichloroethene	mg/kg	-	160	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
2,2-Dichloropropane	mg/kg	-	-	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)
Bromochloromethane	mg/kg	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/kg	-	32	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,1,1-Trichloroethane (TCA)	mg/kg	2.0	-	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,1-Dichloropropene	mg/kg	-	-	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,2-Dichloroethane (EDC)	mg/kg	-	11	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Trichloroethene (TCE)	mg/kg	0.03	-	ND(<0.02)	**1.3**	ND(<0.02)	**0.03**	**1.7**	ND(<0.02)	**0.038**	**0.054**	ND(<0.02)	**0.1**	**0.33**	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	**0.081**	**0.11**	ND(<0.02)	**0.27**	**0.23**
1,2-Dichloropropane	mg/kg	-	27	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Dibromomethane	mg/kg	-	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/kg	-	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	mg/kg	-	10	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Cis-1,3-Dichloropropene	mg/kg	-	10	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,1,2-Trichloroethane	mg/kg	-	18	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,3-Dichloropropane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	mg/kg	0.05	-	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Dibromochloromethane	mg/kg	-	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dibromoethane (EDB)	mg/kg	0.005	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	mg/kg	-	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	mg/kg	-	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/kg	-	0.0063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/kg	-	640	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/kg	-	1,600	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)
4-Chlorotoluene	mg/kg	-	1,600	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)
1,3-Dichlorobenzene	mg/kg	-	-	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)
1,4-Dichlorobenzene	mg/kg	-	190	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)
1,2-Dichlorobenzene	mg/kg	-	7,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	mg/kg	-	0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	-	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	-	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	-	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[a] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 720-2 (carcinogens) bas

[b] - CCV recovery was below method acceptance limits

[c] -exceeded calibration range, result is an estimate

[d] - Analyte detected in the associated Method Blank

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 7
Soil Sample VOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[a]:	B-42 19-19.5ft	B-43 7.5-8ft	B-43 12.5-13ft	B-43 19-19.5ft	B-44 7.5-8ft	B-44 12.5-13ft	B-44 19-19.5ft	B-45 7.5-8ft	B-45 12.5-13ft	B-45 19-19.5ft	B-46 7.5-8ft	B-46 12.5-13ft	B-46 19-19.5ft	B-47 7.5-8ft	B-47 12.5-13ft	B-47 19-19.5ft	B-48 7.5-8ft	B-48 12.5-13ft	B-48 19-19.5ft	B-49 7.5-8ft*	B-49 12.5-13ft*	B-49 19-19.5ft
Date		mg/kg	mg/kg	1/12/23	1/13/23	1/13/23	1/13/23	1/13/23	1/13/23	1/13/23	1/13/23	1/13/23	1/13/23	1/13/23	1/13/23	1/13/23	1/13/23	1/13/23	1/13/23	1/16/23	1/16/23	1/16/23	1/16/23	1/16/23	1/16/23
Dichlorodifluoromethane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	mg/kg	-	-	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)
Vinyl Chloride	mg/kg	-	1	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)
Bromomethane	mg/kg	-	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	-	-	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)
Carbon Tetrachloride	mg/kg	-	14	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Trichlorofluoromethane	mg/kg	-	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/kg	-	1,800	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)
Methylene Chloride	mg/kg	0.02	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	mg/kg		1,600	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,1-Dichloroethane	mg/kg	-	16,000	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Cis-1,2-Dichloroethene	mg/kg	-	160	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
2,2-Dichloropropane	mg/kg	-	-	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)
Bromochloromethane	mg/kg	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/kg	-	32	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,1,1-Trichloroethane (TCA)	mg/kg	2.0	-	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,1-Dichloropropene	mg/kg	-	-	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,2-Dichloroethane (EDC)	mg/kg	-	11	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Trichloroethene (TCE)	mg/kg	0.03	-	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.027	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	**0.034**	ND(<0.02)
1,2-Dichloropropane	mg/kg	-	27	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Dibromomethane	mg/kg	-	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/kg	-	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	mg/kg	-	10	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Cis-1,3-Dichloropropene	mg/kg	-	10	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,1,2-Trichloroethane	mg/kg	-	18	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
1,3-Dichloropropane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	mg/kg	0.05	-	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)
Dibromochloromethane	mg/kg	-	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dibromoethane (EDB)	mg/kg	0.005	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	mg/kg	-	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	mg/kg	-	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/kg	-	0.0063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/kg	-	640	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/kg	-	1,600	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)
4-Chlorotoluene	mg/kg	-	1,600	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)
1,3-Dichlorobenzene	mg/kg	-	-	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)
1,4-Dichlorobenzene	mg/kg	-	190	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)
1,2-Dichlorobenzene	mg/kg	-	7,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-Chloropropane	mg/kg	-	0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	-	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	-	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	-	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[a] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 720-2 (carcinogens) bas

[b] - CCV recovery was below method acceptance limits

[c] -exceeded calibration range, result is an estimate

[d] - Analyte detected in the associated Method Blank

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 7
Soil Sample VOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[a]:	B-50 12.5-13ft	B-50 19-19.5ft	B-51 12.5-13ft	B-51 19-19.5ft	B-52 7.5-8ft	B-52 12.5-13ft	B-52 14.5-15ft	B-53 7.5-8ft	B-53 12.5-13ft	B-53 19-19.5ft	B-54 7.5-8ft	B-54 12.5-13ft	B-54 19-19.5ft	B-55 8.5-9ft	B-55 12.5-13ft	B-55 19-19.5ft	B-56 7.5-8ft	B-56 12.5-13ft	B-56 19-19.5ft	B-27 West 11-13ft*	B-27 East 12-14ft*	B-27 North 12-14ft*	CO-1 0-5ft
Date		mg/kg	mg/kg	1/16/23	1/16/23	1/16/23	1/16/23	1/16/23	1/16/23	1/16/23	1/17/23	1/17/23	1/17/23	1/17/23	1/17/23	1/17/23	1/17/23	1/17/23	1/17/23	1/17/23	1/17/23	1/17/23	3/6/23	3/6/23	3/6/23	5/4/23
Dichlorodifluoromethane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Chloromethane	mg/kg	-	-	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Vinyl Chloride	mg/kg	-	1	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Bromomethane	mg/kg	-	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Chloroethane	mg/kg	-	-	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.06)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Carbon Tetrachloride	mg/kg	-	14	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Trichlorofluoromethane	mg/kg	-	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,1-Dichloroethene	mg/kg	-	1,800	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	0.031	0.083	0.093	ND(<0.01)
Methylene Chloride	mg/kg	0.02	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)[b]
Trans-1,2-Dichloroethene	mg/kg		1,600	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,1-Dichloroethane	mg/kg	-	16,000	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	0.011	0.027	0.021	ND(<0.01)
Cis-1,2-Dichloroethene	mg/kg	-	160	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	0.039	0.17	0.15	ND(<0.01)
2,2-Dichloropropane	mg/kg	-	-	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Bromochloromethane	mg/kg	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Chloroform	mg/kg	-	32	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,1,1-Trichloroethane (TCA)	mg/kg	2.0	-	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	0.016	0.019	0.018	ND(<0.01)
1,1-Dichloropropene	mg/kg	-	-	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,2-Dichloroethane (EDC)	mg/kg	-	11	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Trichloroethene (TCE)	mg/kg	0.03	-	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	**4.1**	**17.0**	**20.0**	ND(<0.01)
1,2-Dichloropropane	mg/kg	-	27	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Dibromomethane	mg/kg	-	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Bromodichloromethane	mg/kg	-	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Trans-1,3-Dichloropropene	mg/kg	-	10	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Cis-1,3-Dichloropropene	mg/kg	-	10	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,1,2-Trichloroethane	mg/kg	-	18	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,3-Dichloropropane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Tetrachloroethylene (PCE)	mg/kg	0.05	-	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.03)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Dibromochloromethane	mg/kg	-	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,2 Dibromoethane (EDB)	mg/kg	0.005	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)
Chlorobenzene	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,1,1,2-Tetrachloroethane	mg/kg	-	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Bromoform	mg/kg	-	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,1,2,2-Tetrachloroethane	mg/kg	-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,2,3-Trichloropropane	mg/kg	-	0.0063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Bromobenzene	mg/kg	-	640	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
2-Chlorotoluene	mg/kg	-	1,600	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
4-Chlorotoluene	mg/kg	-	1,600	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,3-Dichlorobenzene	mg/kg	-	-	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,4-Dichlorobenzene	mg/kg	-	190	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,2-Dichlorobenzene	mg/kg	-	7,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,2-Dibromo-3-Chloropropane	mg/kg	-	0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)
1,2,4-Trichlorobenzene	mg/kg	-	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Hexachlorobutadiene	mg/kg	-	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,2,3-Trichlorobenzene	mg/kg	-	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)

[a] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 720-2 (carcinogens) bas

[b] - CCV recovery was below method acceptance limits

[c] -exceeded calibration range, result is an estimate

[d] - Analyte detected in the associated Method Blank

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 7
Soil Sample VOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[a]:	CO-2 0-5ft	CO-3 5-9ft	CO-4 5-9ft	CO-5 0-5ft	CO-6 0-5ft	CO-7 0-5ft	CO-8 0-5ft	CO-9 0-5ft	CO-10 0-5ft	CO-11 0-5ft	CO-12 3-5ft	CO-13 3-5ft	CO-14 0-4ft	CO-15 0-4ft	CO-16 0-5ft	CO-17 0-5ft	CO-18 0-5ft	CO-19 0-5ft	CO-20 0-5ft	CO-21 0-5ft	CO-22 0-5ft	CO-23 0-5ft	CO-24
Date		mg/kg	mg/kg	5/4/23	5/8/23	5/8/23	5/8/23	5/8/23	5/8/23	5/8/23	5/9/23	5/9/23	5/9/23	5/11/2023	5/11/2023	5/16/2023	5/16/23	9/15/23	9/15/23	9/18/23	9/18/23	9/18/23	9/18/23	9/18/23	9/18/23	9/21/23
Dichlorodifluoromethane	mg/kg	-	1,600	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	mg/kg	-	-	ND(<0.01)	ND(<0.056)	ND(<0.051)	ND(<0.037)	ND(<0.038)	ND(<0.037)	ND(<0.041)	ND(<0.052)	ND(<0.053)	ND(<0.049)	ND(<0.048)	ND(<0.047)	ND(<0.036)	ND(<0.035)	ND(<0.045)	ND(<0.043)	ND(<0.046)	ND(<0.048)	ND(<0.048)	ND(<0.048)	ND(<0.045)	ND(<0.041)	ND(<0.044)
Vinyl Chloride	mg/kg	-	1	ND(<0.01)	ND(<0.019)	ND(<0.017)	ND(<0.012)	ND(<0.013)	ND(<0.012)	ND(<0.014)	ND(<0.017)	ND(<0.018)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.012)	ND(<0.012)	ND(<0.015)	ND(<0.014)	ND(<0.015)	ND(<0.016)	0.017	ND(<0.016)	ND(<0.015)	ND(<0.014)	ND(<0.015)
Bromomethane	mg/kg	-	110	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	-	-	ND(<0.01)	ND(<0.056)	ND(<0.051)	ND(<0.037)	ND(<0.038)	ND(<0.037)	ND(<0.041)	ND(<0.052)	ND(<0.053)	ND(<0.049)	ND(<0.048)	ND(<0.047)	ND(<0.036)	ND(<0.035)	ND(<0.045)	ND(<0.043)	ND(<0.046)	ND(<0.048)	ND(<0.048)	ND(<0.048)	ND(<0.045)	ND(<0.041)	ND(<0.044)
Carbon Tetrachloride	mg/kg	-	14	ND(<0.01)	ND(<0.028)	ND(<0.025)	ND(<0.019)	ND(<0.019)	ND(<0.018)	ND(<0.02)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.018)	ND(<0.018)	ND(<0.022)	ND(<0.021)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.021)	ND(<0.022)
Trichlorofluoromethane	mg/kg	-	24,000	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/kg	-	1,800	ND(<0.01)	ND(<0.047)	ND(<0.042)	ND(<0.031)	ND(<0.032)	ND(<0.031)	ND(<0.034)	ND(<0.043)	ND(<0.044)	ND(<0.041)	ND(<0.04)	ND(<0.039)	ND(<0.03)	ND(<0.03)	ND(<0.037)	ND(<0.036)	ND(<0.038)	ND(<0.040)	ND(<0.040)	ND(<0.040)	ND(<0.037)	ND(<0.034)	ND(<0.036)
Methylene Chloride	mg/kg	0.02	-	ND(<0.02)[b]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	mg/kg		1,600	ND(<0.01)	ND(<0.028)	ND(<0.025)	ND(<0.019)	ND(<0.019)	ND(<0.018)	ND(<0.02)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.018)	ND(<0.018)	ND(<0.022)	ND(<0.021)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.021)	ND(<0.022)
1,1-Dichloroethane	mg/kg	-	16,000	ND(<0.01)	ND(<0.028)	ND(<0.025)	ND(<0.019)	ND(<0.019)	ND(<0.018)	ND(<0.02)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.018)	ND(<0.018)	ND(<0.022)	ND(<0.021)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.021)	ND(<0.022)
Cis-1,2-Dichloroethene	mg/kg	-	160	ND(<0.01)	ND(<0.028)	ND(<0.025)	ND(<0.019)	ND(<0.019)	ND(<0.018)	ND(<0.02)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.018)	ND(<0.018)	ND(<0.022)	ND(<0.021)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.021)	ND(<0.022)
2,2-Dichloropropane	mg/kg	-	-	ND(<0.01)	ND(<0.047)	ND(<0.042)	ND(<0.031)	ND(<0.032)	ND(<0.031)	ND(<0.034)	ND(<0.042)	ND(<0.05)	ND(<0.041)	ND(<0.04)	ND(<0.039)	ND(<0.03)	ND(<0.03)	ND(<0.037)	ND(<0.036)	ND(<0.038)	ND(<0.040)	ND(<0.040)	ND(<0.040)	ND(<0.037)	ND(<0.034)	ND(<0.036)
Bromochloromethane	mg/kg	-	-	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/kg	-	32	ND(<0.01)	ND(<0.028)	ND(<0.025)	ND(<0.019)	ND(<0.019)	ND(<0.018)	ND(<0.02)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.018)	ND(<0.018)	ND(<0.022)	ND(<0.021)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.021)	ND(<0.022)
1,1,1-Trichloroethane (TCA)	mg/kg	2.0	-	ND(<0.01)	ND(<0.028)	ND(<0.025)	ND(<0.019)	ND(<0.019)	ND(<0.018)	ND(<0.02)	0.031	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.018)	0.019	ND(<0.022)	ND(<0.021)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.021)	ND(<0.022)
1,1-Dichloropropene	mg/kg	-	-	ND(<0.01)	ND(<0.028)	ND(<0.025)	ND(<0.019)	ND(<0.019)	ND(<0.018)	ND(<0.02)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.018)	ND(<0.018)	ND(<0.022)	ND(<0.021)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.021)	ND(<0.022)
1,2-Dichloroethane (EDC)	mg/kg	-	11	ND(<0.01)	ND(<0.028)	ND(<0.025)	ND(<0.019)	ND(<0.019)	ND(<0.018)	ND(<0.02)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.018)	ND(<0.018)	ND(<0.022)	ND(<0.021)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.021)	ND(<0.022)
Trichloroethene (TCE)	mg/kg	0.03	-	ND(<0.01)	ND(<0.019)	ND(<0.017)	ND(<0.012)	ND(<0.013)	ND(<0.012)	ND(<0.014)	**0.033**	ND(<0.018)	ND(<0.016)	0.027	**0.035**	**0.23**	**0.45**	ND(<0.015)	ND(<0.014)	ND(<0.015)	0.023	ND(<0.016)	ND(<0.016)	ND(<0.015)	ND(<0.014)	ND(<0.015)
1,2-Dichloropropane	mg/kg	-	27	ND(<0.01)	ND(<0.028)	ND(<0.025)	ND(<0.019)	ND(<0.019)	ND(<0.018)	ND(<0.02)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.018)	ND(<0.018)	ND(<0.022)	ND(<0.021)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.021)	ND(<0.022)
Dibromomethane	mg/kg	-	800	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/kg	-	16	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	mg/kg	-	10	ND(<0.01)	ND(<0.028)	ND(<0.025)	ND(<0.019)	ND(<0.019)	ND(<0.018)	ND(<0.02)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.018)	ND(<0.018)	ND(<0.022)	ND(<0.021)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.021)	ND(<0.022)
Cis-1,3-Dichloropropene	mg/kg	-	10	ND(<0.01)	ND(<0.028)	ND(<0.025)	ND(<0.019)	ND(<0.019)	ND(<0.018)	ND(<0.02)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.018)	ND(<0.018)	ND(<0.022)	ND(<0.021)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.021)	ND(<0.022)
1,1,2-Trichloroethane	mg/kg	-	18	ND(<0.01)	ND(<0.028)	ND(<0.025)	ND(<0.019)	ND(<0.019)	ND(<0.018)	ND(<0.02)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.018)	ND(<0.018)	ND(<0.022)	ND(<0.021)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.021)	ND(<0.022)
1,3-Dichloropropane	mg/kg	-	1,600	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	mg/kg	0.05	-	ND(<0.01)	ND(<0.028)	ND(<0.025)	ND(<0.012)	ND(<0.013)	ND(<0.012)	ND(<0.014)	ND(<0.017)	ND(<0.018)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.012)	ND(<0.012)	ND(<0.015)	ND(<0.014)	ND(<0.015)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.015)	ND(<0.014)	ND(<0.015)
Dibromochloromethane	mg/kg	-	12	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dibromoethane (EDB)	mg/kg	0.005	-	ND(<0.005)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	-	1,600	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	mg/kg	-	38	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	mg/kg	-	130	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	-	5	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/kg	-	0.0063	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/kg	-	640	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/kg	-	1,600	ND(<0.01)	ND(<0.037)	ND(<0.034)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.027)	ND(<0.034)	ND(<0.035)	ND(<0.033)	ND(<0.032)	ND(<0.031)	ND(<0.024)	ND(<0.024)	ND(<0.030)	ND(<0.029)	ND(<0.030)	ND(<0.032)	ND(<0.032)	ND(<0.032)	ND(<0.030)	ND(<0.027)	ND(<0.029)
4-Chlorotoluene	mg/kg	-	1,600	ND(<0.01)	ND(<0.037)	ND(<0.034)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.027)	ND(<0.034)	ND(<0.035)	ND(<0.033)	ND(<0.032)	ND(<0.031)	ND(<0.024)	ND(<0.024)	ND(<0.030)	ND(<0.029)	ND(<0.030)	ND(<0.032)	ND(<0.032)	ND(<0.032)	ND(<0.030)	ND(<0.027)	ND(<0.029)
1,3-Dichlorobenzene	mg/kg	-	-	ND(<0.01)	ND(<0.037)	ND(<0.034)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.027)	ND(<0.034)	ND(<0.035)	ND(<0.033)	ND(<0.032)	ND(<0.031)	ND(<0.024)	ND(<0.024)	ND(<0.030)	ND(<0.029)	ND(<0.030)	ND(<0.032)	ND(<0.032)	ND(<0.032)	ND(<0.030)	ND(<0.027)	ND(<0.029)
1,4-Dichlorobenzene	mg/kg	-	190	ND(<0.01)	ND(<0.037)	ND(<0.034)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.027)	ND(<0.034)	ND(<0.035)	ND(<0.033)	ND(<0.032)	ND(<0.031)	ND(<0.024)	ND(<0.024)	ND(<0.030)	ND(<0.029)	ND(<0.030)	ND(<0.032)	ND(<0.032)	ND(<0.032)	ND(<0.030)	ND(<0.027)	ND(<0.029)
1,2-Dichlorobenzene	mg/kg	-	7,200	ND(<0.01)	ND(<0.037)	ND(<0.034)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.027)	ND(<0.034)	ND(<0.035)	ND(<0.033)	ND(<0.032)	ND(<0.031)	ND(<0.024)	ND(<0.024)	ND(<0.030)	ND(<0.029)	ND(<0.030)	ND(<0.032)	ND(<0.032)	ND(<0.032)	ND(<0.030)	ND(<0.027)	ND(<0.029)
1,2-Dibromo-3-Chloropropane	mg/kg	-	0.23	ND(<0.05)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	-	34	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	-	13	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	-	64	ND(<0.01)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[a] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 720-2 (carcinogens) bas

[b] - CCV recovery was below method acceptance limits

[c] -exceeded calibration range, result is an estimate

[d] - Analyte detected in the associated Method Blank

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 7
Soil Sample VOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[a]:	CO-25	CO-26	CO-27	CO-28	CO-29	CO-30	CO-31	CO-32	CO-33	CO-34	CO-35	CO-36	CO-37	B-27 Resample*	B-27E Resample*	SS-1 14.5ft	SS-2 13ft	SS-3 13ft	SS-4 12.5ft	SS-5 12.5ft*	SS-6 8ft	SS-7 13ft	SS-8 9ft*
Date		**mg/kg**	**mg/kg**	**9/21/23**	**9/27/23**	**9/27/23**	**10/5/23**	**10/5/23**	**10/6/23**	**10/6/23**	**10/17/23**	**10/17/23**	**10/19/23**	**10/20/23**	**10/27/23**	**10/27/23**	**5/9/23**	**5/9/23**	**5/8/23**	**5/8/23**	**5/8/23**	**5/8/23**	**5/8/23**	**5/8/23**	**5/8/23**	**5/9/23**
Dichlorodifluoromethane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	mg/kg	-	-	ND(<0.045)	ND(<0.00092)	ND(<0.046)	ND(<0.042)	ND(<0.044)	ND(<0.041)	ND(<0.042)	ND(<0.047)	ND(<0.048)	ND(<0.043)	ND(<0.049)	ND(<0.066)	ND(<0.044)	ND(<0.049)	ND(<0.049)	ND(<0.055)	ND(<0.054)	ND(<0.051)	ND(<0.049)	ND(<0.054)	ND(<0.05)	ND(<0.05)	ND(<0.052)
Vinyl Chloride	mg/kg	-	1	ND(<0.015)	ND(<0.00031)	ND(<0.015)	ND(<0.014)	ND(<0.015)	ND(<0.014)	ND(<0.014)	ND(<0.016)	ND(<0.016)	ND(<0.014)	ND(<0.016)	ND(<0.022)	ND(<0.015)	ND(<0.016)	ND(<0.016)	ND(<0.018)	ND(<0.018)	ND(<0.017)	ND(<0.016)	ND(<0.018)	ND(<0.017)	ND(<0.017)	ND(<0.017)
Bromomethane	mg/kg	-	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	-	-	ND(<0.045)	ND(<0.00092)	ND(<0.046)	ND(<0.042)	ND(<0.044)	ND(<0.041)	ND(<0.042)	ND(<0.047)	ND(<0.048)	ND(<0.043)	ND(<0.049)	ND(<0.066)	ND(<0.044)	ND(<0.049)	ND(<0.049)	ND(<0.055)	ND(<0.054)	ND(<0.051)	ND(<0.049)	ND(<0.054)	ND(<0.05)	ND(<0.05)	ND(<0.052)
Carbon Tetrachloride	mg/kg	-	14	ND(<0.022)	ND(<0.00046)	ND(<0.023)	ND(<0.021)	ND(<0.022)	ND(<0.020)	ND(<0.021)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.024)	ND(<0.033)	ND(<0.022)	ND(<0.024)	ND(<0.024)	ND(<0.028)	ND(<0.027)	ND(<0.025)	ND(<0.024)	ND(<0.027)	ND(<0.025)	ND(<0.025)	ND(<0.026)
Trichlorofluoromethane	mg/kg	-	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/kg	-	1,800	ND(<0.037)	ND(<0.00076)	ND(<0.038)	ND(<0.035)	ND(<0.037)	ND(<0.034)	ND(<0.035)	ND(<0.039)	ND(<0.040)	ND(<0.036)	ND(<0.041)	ND(<0.055)	ND(<0.036)	0.058	0.057	ND(<0.046)	ND(<0.045)	ND(<0.042)	ND(<0.041)	ND(<0.045)	ND(<0.042)	ND(<0.042)	ND(<0.043)
Methylene Chloride	mg/kg	0.02	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	mg/kg		1,600	ND(<0.022)	ND(<0.00046)	ND(<0.023)	ND(<0.021)	ND(<0.022)	ND(<0.020)	ND(<0.021)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.024)	ND(<0.033)	ND(<0.022)	ND(<0.024)	ND(<0.024)	ND(<0.028)	ND(<0.027)	ND(<0.025)	ND(<0.024)	ND(<0.027)	ND(<0.025)	ND(<0.025)	ND(<0.026)
1,1-Dichloroethane	mg/kg	-	16,000	ND(<0.022)	ND(<0.00046)	ND(<0.023)	ND(<0.021)	ND(<0.022)	ND(<0.020)	ND(<0.021)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.024)	ND(<0.033)	ND(<0.022)	0.029	ND(<0.024)	ND(<0.028)	ND(<0.027)	ND(<0.025)	ND(<0.024)	ND(<0.027)	ND(<0.025)	ND(<0.025)	ND(<0.026)
Cis-1,2-Dichloroethene	mg/kg	-	160	ND(<0.022)	ND(<0.00046)	ND(<0.023)	ND(<0.021)	ND(<0.022)	ND(<0.020)	ND(<0.021)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.024)	ND(<0.033)	ND(<0.022)	ND(<0.024)	ND(<0.024)	ND(<0.028)	ND(<0.027)	ND(<0.025)	ND(<0.024)	ND(<0.027)	ND(<0.025)	ND(<0.025)	ND(<0.026)
2,2-Dichloropropane	mg/kg	-	-	ND(<0.037)	ND(<0.00076)	ND(<0.038)	ND(<0.035)	ND(<0.037)	ND(<0.034)	ND(<0.035)	ND(<0.039)	ND(<0.040)	ND(<0.036)	ND(<0.041)	ND(<0.055)	ND(<0.036)	ND(<0.041)	ND(<0.041)	ND(<0.046)	ND(<0.045)	ND(<0.042)	ND(<0.041)	ND(<0.045)	ND(<0.042)	ND(<0.042)	ND(<0.043)
Bromochloromethane	mg/kg	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/kg	-	32	ND(<0.022)	ND(<0.00046)	ND(<0.023)	ND(<0.021)	ND(<0.022)	ND(<0.020)	ND(<0.021)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.024)	ND(<0.033)	ND(<0.022)	ND(<0.024)	ND(<0.024)	ND(<0.028)	ND(<0.027)	ND(<0.025)	ND(<0.024)	ND(<0.027)	ND(<0.025)	ND(<0.025)	ND(<0.026)
1,1,1-Trichloroethane (TCA)	mg/kg	2.0	-	ND(<0.022)	ND(<0.00046)	ND(<0.023)	ND(<0.021)	ND(<0.022)	ND(<0.020)	ND(<0.021)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.024)	ND(<0.033)	ND(<0.022)	ND(<0.024)	ND(<0.024)	ND(<0.028)	ND(<0.027)	ND(<0.025)	ND(<0.024)	ND(<0.027)	ND(<0.025)	ND(<0.025)	ND(<0.026)
1,1-Dichloropropene	mg/kg	-	-	ND(<0.022)	ND(<0.00046)	ND(<0.023)	ND(<0.021)	ND(<0.022)	ND(<0.020)	ND(<0.021)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.024)	ND(<0.033)	ND(<0.022)	ND(<0.024)	ND(<0.024)	ND(<0.028)	ND(<0.027)	ND(<0.025)	ND(<0.024)	ND(<0.027)	ND(<0.025)	ND(<0.025)	ND(<0.026)
1,2-Dichloroethane (EDC)	mg/kg	-	11	ND(<0.022)	ND(<0.00046)	ND(<0.023)	ND(<0.021)	ND(<0.022)	ND(<0.020)	ND(<0.021)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.024)	ND(<0.033)	ND(<0.022)	ND(<0.024)	ND(<0.024)	ND(<0.028)	ND(<0.027)	ND(<0.025)	ND(<0.024)	ND(<0.027)	ND(<0.025)	ND(<0.025)	ND(<0.026)
Trichloroethene (TCE)	mg/kg	0.03	-	ND(<0.015)	ND(<0.00031)	ND(<0.015)	ND(<0.014)	ND(<0.015)	ND(<0.014)	ND(<0.014)	ND(<0.016)	0.018	ND(<0.014)	ND(<0.016)	0.024	ND(<0.015)	**17**[c]	**14**[c]	ND(<0.018)	ND(<0.018)	ND(<0.017)	ND(<0.016)	**0.063**	0.019	0.019	**0.096**
1,2-Dichloropropane	mg/kg	-	27	ND(<0.022)	ND(<0.00046)	ND(<0.023)	ND(<0.021)	ND(<0.022)	ND(<0.020)	ND(<0.021)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.024)	ND(<0.033)	ND(<0.022)	ND(<0.024)	ND(<0.024)	ND(<0.028)	ND(<0.027)	ND(<0.025)	ND(<0.024)	ND(<0.027)	ND(<0.025)	ND(<0.025)	ND(<0.026)
Dibromomethane	mg/kg	-	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/kg	-	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	mg/kg	-	10	ND(<0.022)	ND(<0.00046)	ND(<0.023)	ND(<0.021)	ND(<0.022)	ND(<0.020)	ND(<0.021)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.024)	ND(<0.033)	ND(<0.022)	ND(<0.024)	ND(<0.024)	ND(<0.028)	ND(<0.027)	ND(<0.025)	ND(<0.03)	ND(<0.027)	ND(<0.025)	ND(<0.025)	ND(<0.026)
Cis-1,3-Dichloropropene	mg/kg	-	10	ND(<0.022)	ND(<0.00046)	ND(<0.023)	ND(<0.021)	ND(<0.022)	ND(<0.020)	ND(<0.021)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.024)	ND(<0.033)	ND(<0.022)	ND(<0.024)	ND(<0.024)	ND(<0.028)	ND(<0.027)	ND(<0.025)	ND(<0.03)	ND(<0.027)	ND(<0.025)	ND(<0.025)	ND(<0.026)
1,1,2-Trichloroethane	mg/kg	-	18	ND(<0.022)	ND(<0.00046)	ND(<0.023)	ND(<0.021)	ND(<0.022)	ND(<0.020)	ND(<0.021)	ND(<0.024)	ND(<0.024)	ND(<0.022)	ND(<0.024)	ND(<0.033)	ND(<0.022)	ND(<0.024)	ND(<0.024)	ND(<0.028)	ND(<0.027)	ND(<0.025)	ND(<0.03)	ND(<0.027)	ND(<0.025)	ND(<0.025)	ND(<0.026)
1,3-Dichloropropane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.028)	ND(<0.027)	ND(<0.025)	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	mg/kg	0.05	-	ND(<0.015)	ND(<0.00031)	ND(<0.015)	ND(<0.014)	ND(<0.015)	ND(<0.014)	ND(<0.014)	ND(<0.016)	ND(<0.016)	ND(<0.014)	ND(<0.016)	ND(<0.022)	ND(<0.015)	ND(<0.016)	ND(<0.016)	NA	ND(<0.018)	ND(<0.017)	ND(<0.024)	ND(<0.027)	ND(<0.017)	ND(<0.025)	ND(<0.017)
Dibromochloromethane	mg/kg	-	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dibromoethane (EDB)	mg/kg	0.005	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	mg/kg	-	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	mg/kg	-	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/kg	-	0.0063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/kg	-	640	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/kg	-	1,600	ND(<0.030)	ND(<0.00061)	ND(<0.031)	ND(<0.028)	ND(<0.029)	ND(<0.027)	ND(<0.028)	ND(<0.031)	ND(<0.032)	ND(<0.029)	ND(<0.032)	ND(<0.044)	ND(<0.029)	ND(<0.033)	ND(<0.032)	ND(<0.037)	ND(<0.036)	ND(<0.034)	ND(<0.033)	ND(<0.036)	ND(<0.033)	ND(<0.033)	ND(<0.034)
4-Chlorotoluene	mg/kg	-	1,600	ND(<0.030)	ND(<0.00061)	ND(<0.031)	ND(<0.028)	ND(<0.029)	ND(<0.027)	ND(<0.028)	ND(<0.031)	ND(<0.032)	ND(<0.029)	ND(<0.032)	ND(<0.044)	ND(<0.029)	ND(<0.033)	ND(<0.032)	ND(<0.037)	ND(<0.036)	ND(<0.034)	ND(<0.033)	ND(<0.036)	ND(<0.033)	ND(<0.033)	ND(<0.034)
1,3-Dichlorobenzene	mg/kg	-	-	ND(<0.030)	ND(<0.00061)	ND(<0.031)	ND(<0.028)	ND(<0.029)	ND(<0.027)	ND(<0.028)	ND(<0.031)	ND(<0.032)	ND(<0.029)	ND(<0.032)	ND(<0.044)	ND(<0.029)	ND(<0.033)	ND(<0.032)	ND(<0.037)	ND(<0.036)	ND(<0.034)	ND(<0.033)	ND(<0.036)	ND(<0.033)	ND(<0.033)	ND(<0.034)
1,4-Dichlorobenzene	mg/kg	-	190	ND(<0.030)	ND(<0.00061)	ND(<0.031)	ND(<0.028)	ND(<0.029)	ND(<0.027)	ND(<0.028)	ND(<0.031)	ND(<0.032)	ND(<0.029)	ND(<0.032)	ND(<0.044)	ND(<0.029)	ND(<0.033)	ND(<0.032)	ND(<0.037)	ND(<0.036)	ND(<0.034)	ND(<0.033)	ND(<0.036)	ND(<0.033)	ND(<0.033)	ND(<0.034)
1,2-Dichlorobenzene	mg/kg	-	7,200	ND(<0.030)	ND(<0.00061)	ND(<0.031)	ND(<0.028)	ND(<0.029)	ND(<0.027)	ND(<0.028)	ND(<0.031)	ND(<0.032)	ND(<0.029)	ND(<0.032)	ND(<0.044)	ND(<0.029)	ND(<0.033)	ND(<0.032)	ND(<0.037)	ND(<0.036)	ND(<0.034)	ND(<0.033)	ND(<0.036)	ND(<0.033)	ND(<0.033)	ND(<0.034)
1,2-Dibromo-3-Chloropropane	mg/kg	-	0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	-	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	-	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	-	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[a] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 720-2 (carcinogens) bas

[b] - CCV recovery was below method acceptance limits

[c] -exceeded calibration range, result is an estimate

[d] - Analyte detected in the associated Method Blank

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 7
Soil Sample VOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[a]:	SS-9 8ft	SS-10 12ft	SS-11 8ft	SS-12 11.5ft	SS-13 11ft	SS-14 11.5ft	SS-15 8.5ft	SS-16 12.5ft	SS-17 11.5ft	SS-18 15ft	SS-19 12ft	SS-20 12ft	SS-21 15ft	SS-22 15ft	SS-23 12ft	SS-24 8.5ft	SS-25 8ft	SS-26 16ft	SS-27 8.5ft	SS-28 16ft	SS-29 8.5ft*	SS-30 16ft	SS-31 13.5ft
Date		**mg/kg**	**mg/kg**	**5/9/23**	**5/10/2023**	**5/10/2023**	**5/10/2023**	**5/10/2023**	**5/10/2023**	**5/10/2023**	**5/10/2023**	**5/10/2023**	**5/10/2023**	**5/10/2023**	**5/10/2023**	**5/10/2023**	**5/10/2023**	**5/10/2023**	**5/10/2023**	**5/11/2023**	**5/11/2023**	**5/11/2023**	**5/11/2023**	**5/16/2023**	**5/16/2023**	**5/16/2023**
Dichlorodifluoromethane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	mg/kg	-	-	ND(<0.052)	ND(<0.049)	ND(<0.047)	ND(<0.046)	ND(<0.057)	ND(<0.052)	ND(<0.043)	ND(<0.048)	ND(<0.055)	ND(<0.049)	ND(<0.046)	ND(<0.048)	ND(<0.049)	ND(<0.046)	ND(<0.045)	ND(<0.063)	ND(<0.037	ND(<0.045)	ND(<0.048)	ND(<0.051)	ND(<0.048)	ND(<0.047)	ND(<0.047)
Vinyl Chloride	mg/kg	-	1	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.015)	ND(<0.019)	ND(<0.017)	ND(<0.014)	ND(<0.016)	ND(<0.018)	ND(<0.016)	ND(<0.015)	ND(<0.016)	ND(<0.016)	ND(<0.015)	ND(<0.015)	ND(<0.021)	ND(<0.012)	ND(<0.015)	ND(<0.016)	ND(0.017)	ND(0.016)	ND(0.016)	ND(0.016)
Bromomethane	mg/kg	-	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	-	-	ND(<0.052)	ND(<0.049)	ND(<0.047)	ND(<0.046)	ND(<0.057)	ND(<0.052)	ND(<0.043)	ND(<0.048)	ND(<0.055)	ND(<0.049)	ND(<0.046)	ND(<0.048)	ND(<0.049)	ND(<0.046)	ND(<0.045)	ND(<0.063)	ND(<0.037	ND(<0.045)	ND(<0.048)	ND(<0.051)	ND(<0.048)	ND(<0.047)	ND(<0.047)
Carbon Tetrachloride	mg/kg	-	14	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.029)	ND(<0.026)	ND(<0.022)	ND(<0.024)	ND(<0.028)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.032)	ND(<0.018)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.023)
Trichlorofluoromethane	mg/kg	-	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/kg	-	1,800	ND(<0.044)	ND(<0.041)	ND(<0.039)	ND(<0.039)	ND(<0.048)	ND(<0.043)	ND(<0.036)	ND(<0.04)	ND(<0.046)	ND(<0.041)	ND(<0.038)	ND(<0.04)	0.062	0.026	0.042	ND(<0.053)	ND(<0.031)	ND(<0.038)	ND(<0.04)	ND(<0.042)	ND(<0.04)	ND(<0.039)	0.042
Methylene Chloride	mg/kg	0.02	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	mg/kg		1,600	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.029)	ND(<0.026)	ND(<0.022)	ND(<0.024)	ND(<0.028)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.032)	ND(<0.018)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.023)
1,1-Dichloroethane	mg/kg	-	16,000	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.029)	ND(<0.026)	ND(<0.022)	ND(<0.024)	ND(<0.028)	ND(<0.025)	ND(<0.023)	ND(<0.024)	0.077	0.032	0.034	ND(<0.032)	ND(<0.018)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	0.039
Cis-1,2-Dichloroethene	mg/kg	-	160	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.029)	ND(<0.026)	ND(<0.022)	ND(<0.024)	ND(<0.028)	ND(<0.025)	ND(<0.023)	0.056	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.032)	ND(<0.018)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	0.13
2,2-Dichloropropane	mg/kg	-	-	ND(<0.044)	ND(<0.041)	ND(<0.039)	ND(<0.039)	ND(<0.048)	ND(<0.043)	ND(<0.036)	ND(<0.04)	ND(<0.046)	ND(<0.041)	ND(<0.038)	ND(<0.04)	ND(<0.041)	ND(<0.039)	ND(<0.038)	ND(<0.053)	ND(<0.031)	ND(<0.038)	ND(<0.04)	ND(<0.042)	ND(<0.04)	ND(<0.039)	ND(<0.042)
Bromochloromethane	mg/kg	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/kg	-	32	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.029)	ND(<0.026)	ND(<0.022)	ND(<0.024)	ND(<0.028)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.032)	ND(<0.018)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.023)
1,1,1-Trichloroethane (TCA)	mg/kg	2.0	-	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.029)	ND(<0.026)	ND(<0.022)	ND(<0.024)	ND(<0.028)	ND(<0.025)	ND(<0.023)	ND(<0.024)	0.1	0.07	0.08	ND(<0.032)	ND(<0.018)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	0.047
1,1-Dichloropropene	mg/kg	-	-	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.029)	ND(<0.026)	ND(<0.022)	ND(<0.024)	ND(<0.028)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.032)	ND(<0.018)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.023)
1,2-Dichloroethane (EDC)	mg/kg	-	11	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.029)	ND(<0.026)	ND(<0.022)	ND(<0.024)	ND(<0.028)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.032)	ND(<0.018)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.023)
Trichloroethene (TCE)	mg/kg	0.03	-	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.015)	ND(<0.019)	ND(<0.017)	ND(<0.014)	ND(<0.016)	ND(<0.018)	ND(<0.016)	ND(<0.015)	0.023	ND(<0.016)	ND(<0.015)	ND(<0.015)	ND(<0.021)	ND(<0.012)	ND(<0.015)	ND(<0.016)	ND(0.017)	**0.2**	ND(0.016)	ND(0.016)
1,2-Dichloropropane	mg/kg	-	27	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.029)	ND(<0.026)	ND(<0.022)	ND(<0.024)	ND(<0.028)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.032)	ND(<0.018)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.023)
Dibromomethane	mg/kg	-	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/kg	-	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	mg/kg	-	10	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.029)	ND(<0.026)	ND(<0.022)	ND(<0.024)	ND(<0.028)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.032)	ND(<0.018)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.023)
Cis-1,3-Dichloropropene	mg/kg	-	10	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.029)	ND(<0.026)	ND(<0.022)	ND(<0.024)	ND(<0.028)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.032)	ND(<0.018)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.023)
1,1,2-Trichloroethane	mg/kg	-	18	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.029)	ND(<0.026)	ND(<0.022)	ND(<0.024)	ND(<0.028)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.032)	ND(<0.018)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.023)
1,3-Dichloropropane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	mg/kg	0.05	-	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.015)	ND(<0.019)	ND(<0.017)	ND(<0.014)	ND(<0.016)	ND(<0.018)	ND(<0.016)	ND(<0.015)	ND(<0.016)	ND(<0.016)	ND(<0.015)	ND(<0.015)	ND(<0.021)	ND(<0.012)	ND(<0.015)	ND(<0.016)	ND(0.017)	ND(0.016)	ND(0.016)	ND(0.016)
Dibromochloromethane	mg/kg	-	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dibromoethane (EDB)	mg/kg	0.005	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	mg/kg	-	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	mg/kg	-	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/kg	-	0.0063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/kg	-	640	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/kg	-	1,600	ND(<0.035)	ND(<0.033)	ND(<0.031)	ND(<0.031)	ND(<0.038)	ND(<0.034)	ND(<0.029)	ND(<0.032)	ND(<0.037)	ND(<0.033)	ND(<0.03)	ND(<0.032)	ND(<0.032)	ND(<0.031)	ND(<0.03)	ND(<0.042)	ND(<0.025)	ND(<0.03)	ND(<0.032)	ND(<0.034)	ND<0.032)	ND<0.031)	ND<0.031)
4-Chlorotoluene	mg/kg	-	1,600	ND(<0.035)	ND(<0.033)	ND(<0.031)	ND(<0.031)	ND(<0.038)	ND(<0.034)	ND(<0.029)	ND(<0.032)	ND(<0.037)	ND(<0.033)	ND(<0.03)	ND(<0.032)	ND(<0.032)	ND(<0.031)	ND(<0.03)	ND(<0.042)	ND(<0.025)	ND(<0.03)	ND(<0.032)	ND(<0.034)	ND<0.032)	ND<0.031)	ND<0.031)
1,3-Dichlorobenzene	mg/kg	-	-	ND(<0.035)	ND(<0.033)	ND(<0.031)	ND(<0.031)	ND(<0.038)	ND(<0.034)	ND(<0.029)	ND(<0.032)	ND(<0.037)	ND(<0.033)	ND(<0.03)	ND(<0.032)	ND(<0.032)	ND(<0.031)	ND(<0.03)	ND(<0.042)	ND(<0.025)	ND(<0.03)	ND(<0.032)	ND(<0.034)	ND<0.032)	ND<0.031)	ND<0.031)
1,4-Dichlorobenzene	mg/kg	-	190	ND(<0.035)	ND(<0.033)	ND(<0.031)	ND(<0.031)	ND(<0.038)	ND(<0.034)	ND(<0.029)	ND(<0.032)	ND(<0.037)	ND(<0.033)	ND(<0.03)	ND(<0.032)	ND(<0.032)	ND(<0.031)	ND(<0.03)	ND(<0.042)	ND(<0.025)	ND(<0.03)	ND(<0.032)	ND(<0.034)	ND<0.032)	ND<0.031)	ND<0.031)
1,2-Dichlorobenzene	mg/kg	-	7,200	ND(<0.035)	ND(<0.033)	ND(<0.031)	ND(<0.031)	ND(<0.038)	ND(<0.034)	ND(<0.029)	ND(<0.032)	ND(<0.037)	ND(<0.033)	ND(<0.03)	ND(<0.032)	ND(<0.032)	ND(<0.031)	ND(<0.03)	ND(<0.042)	ND(<0.025)	ND(<0.03)	ND(<0.032)	ND(<0.034)	ND<0.032)	ND<0.031)	ND<0.031)
1,2-Dibromo-3-Chloropropane	mg/kg	-	0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	-	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	-	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	-	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[a] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 720-2 (carcinogens) bas

[b] - CCV recovery was below method acceptance limits

[c] -exceeded calibration range, result is an estimate

[d] - Analyte detected in the associated Method Blank

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 7
Soil Sample VOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[a]:	SS-32 17ft	SS-33 18ft	SS-36 14ft*	SS-37 17ft*	SS-38 13ft*	SS-39 9ft*	SS-40 14ft*	SS-41 9ft*	SS-42 14ft*	SS-43 9ft*	SS-44 9ft*	SS-45 13ft	SS-46 18ft	SS-47 14ft	SS-48 9ft*	SS-49 9ft	SS-50 9ft	SS-51 10ft*	SS-52 14ft	SS-53 9ft	SS-54 14ft	SS-55 9ft	SS-56 9ft
Date		**mg/kg**	**mg/kg**	**5/16/2023**	**5/16/2023**	**5/16/2023**	**5/16/2023**	**5/16/2023**	**5/16/2023**	**5/16/2023**	**5/16/2023**	**5/16/2023**	**5/16/2023**	**5/16/2023**	**5/17/2023**	**5/17/2023**	**5/17/2023**	**5/17/2023**	**5/17/2023**	**5/17/2023**	**5/17/2023**	**5/18/2023**	**5/18/2023**	**5/18/2023**	**5/18/2023**	**5/18/2023**
Dichlorodifluoromethane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	mg/kg	-	-	ND(<0.05)	ND(<0.049)	ND(<0.048)	ND(<0.049)	ND(<0.048)	ND(<0.048)	ND(<0.049)	ND(<0.047)	ND(<0.047)	ND(<0.046)	ND(<0.05)	ND(<0.046)	ND(<0.051)	ND(<0.051)	ND(<0.045)	ND(<0.047)	ND(<0.049)	ND(<0.046)	ND(<0.049)	ND(<0.048)	ND(<0.05)	ND(<0.047)	ND(<0.048)
Vinyl Chloride	mg/kg	-	1	ND(0.017)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(0.016)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(0.015)	0.02	ND(0.015)	ND(<0.017)	ND(<0.017)	ND(0.015)	ND(<0.016)	ND(<0.016)	ND(0.015)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.016)	ND(<0.016)
Bromomethane	mg/kg	-	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	-	-	ND(<0.05)	ND(<0.049)	ND(<0.048)	ND(<0.049)	ND(<0.048)	ND(<0.048)	ND(<0.049)	ND(<0.047)	ND(<0.047)	ND(<0.046)	ND(<0.05)	ND(<0.046)	ND(<0.051)	ND(<0.051)	ND(<0.045)	ND(<0.047)	ND(<0.049)	ND(<0.046)	ND(<0.049)	ND(<0.048)	ND(<0.05)	ND(<0.047)	ND(<0.048)
Carbon Tetrachloride	mg/kg	-	14	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)
Trichlorofluoromethane	mg/kg	-	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/kg	-	1,800	ND(<0.042)	ND(<0.041)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	0.043	ND(<0.039)	0.043	0.042	ND(0.041)	ND(<0.038)	ND(<0.042)	ND(<0.043)	ND(<0.038)	ND(<0.039)	ND(0.041)	ND(<0.039)	ND(0.041)	ND(0.04)	ND(<0.042)	ND(<0.039)	ND(0.04)
Methylene Chloride	mg/kg	0.02	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	mg/kg		1,600	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)
1,1-Dichloroethane	mg/kg	-	16,000	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.023)	0.024	0.034	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)
Cis-1,2-Dichloroethene	mg/kg	-	160	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	0.03	ND(<0.023)	0.084	0.2	0.44	ND(<0.023)	ND(<0.025)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.025)	0.055	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)
2,2-Dichloropropane	mg/kg	-	-	ND(<0.042)	ND(<0.041)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.04)	ND(<0.041)	ND(<0.039)	ND(<0.039)	ND(<0.038)	ND(0.041)	ND(<0.038)	ND(<0.042)	ND(<0.043)	ND(<0.038)	ND(<0.039)	ND(0.041)	ND(<0.039)	ND(0.041)	ND(0.04)	ND(<0.042)	ND(<0.039)	ND(0.04)
Bromochloromethane	mg/kg	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/kg	-	32	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)
1,1,1-Trichloroethane (TCA)	mg/kg	2.0	-	ND(<0.025)	ND(<0.024)	0.044	ND(<0.024)	0.027	0.04	0.06	0.034	ND(<0.024)	0.032	ND(<0.025)	0.051	ND(<0.025)	0.042	ND(<0.023)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)
1,1-Dichloropropene	mg/kg	-	-	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)
1,2-Dichloroethane (EDC)	mg/kg	-	11	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)
Trichloroethene (TCE)	mg/kg	0.03	-	ND(<0.017)	ND(<0.016)	**0.48**	**0.049**	**0.13**	**0.29**	**1.1**	**0.31**	**19[c]**	**1.8**	**12**	0.017	ND(<0.025)	ND(<0.026)	**0.032**	0.023	ND(<0.025)	**1.9**	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)
1,2-Dichloropropane	mg/kg	-	27	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)
Dibromomethane	mg/kg	-	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/kg	-	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	mg/kg	-	10	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)
Cis-1,3-Dichloropropene	mg/kg	-	10	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)
1,1,2-Trichloroethane	mg/kg	-	18	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)
1,3-Dichloropropane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	mg/kg	0.05	-	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(0.015)	ND(<0.017)	ND(0.015)	ND(<0.017)	ND(<0.017)	ND(0.015)	ND(<0.016)	ND(<0.016)	ND(0.015)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.016)	ND(<0.016)
Dibromochloromethane	mg/kg	-	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dibromoethane (EDB)	mg/kg	0.005	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	mg/kg	-	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	mg/kg	-	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/kg	-	0.0063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/kg	-	640	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/kg	-	1,600	ND<0.033)	ND<0.033)	ND<0.032)	ND<0.032)	ND<0.032)	ND<0.032)	ND<0.033)	ND<0.031)	ND<0.031)	ND<0.031)	ND<0.033)	ND<0.03)	ND<0.034)	ND<0.034)	ND<0.03)	ND<0.031)	ND<0.033)	ND<0.031)	ND<0.033)	ND<0.032)	ND<0.033)	ND<0.032)	ND<0.032)
4-Chlorotoluene	mg/kg	-	1,600	ND<0.033)	ND<0.033)	ND<0.032)	ND<0.032)	ND<0.032)	ND<0.032)	ND<0.033)	ND<0.031)	ND<0.031)	ND<0.031)	ND<0.033)	ND<0.03)	ND<0.034)	ND<0.034)	ND<0.03)	ND<0.031)	ND<0.033)	ND<0.031)	ND<0.033)	ND<0.032)	ND<0.033)	ND<0.032)	ND<0.032)
1,3-Dichlorobenzene	mg/kg	-	-	ND<0.033)	ND<0.033)	ND<0.032)	ND<0.032)	ND<0.032)	ND<0.032)	ND<0.033)	ND<0.031)	ND<0.031)	ND<0.031)	ND<0.033)	ND<0.03)	ND<0.034)	ND<0.034)	ND<0.03)	ND<0.031)	ND<0.033)	ND<0.031)	ND<0.033)	ND<0.032)	ND<0.033)	ND<0.032)	ND<0.032)
1,4-Dichlorobenzene	mg/kg	-	190	ND<0.033)	ND<0.033)	ND<0.032)	ND<0.032)	ND<0.032)	ND<0.032)	ND<0.033)	ND<0.031)	ND<0.031)	ND<0.031)	ND<0.033)	ND<0.03)	ND<0.034)	ND<0.034)	ND<0.03)	ND<0.031)	ND<0.033)	ND<0.031)	ND<0.033)	ND<0.032)	ND<0.033)	ND<0.032)	ND<0.032)
1,2-Dichlorobenzene	mg/kg	-	7,200	ND<0.033)	ND<0.033)	ND<0.032)	ND<0.032)	ND<0.032)	ND<0.032)	ND<0.033)	ND<0.031)	ND<0.031)	ND<0.031)	ND<0.033)	ND<0.03)	ND<0.034)	ND<0.034)	ND<0.03)	ND<0.031)	ND<0.033)	ND<0.031)	ND<0.033)	ND<0.032)	ND<0.033)	ND<0.032)	ND<0.032)
1,2-Dibromo-3-Chloropropane	mg/kg	-	0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	-	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	-	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	-	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[a] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 720-2 (carcinogens) bas

[b] - CCV recovery was below method acceptance limits

[c] -exceeded calibration range, result is an estimate

[d] - Analyte detected in the associated Method Blank

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 7
Soil Sample VOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[a]:	SS-57 18ft	SS-58 8.5ft*	SS-59 14ft*	SS-60 8.5ft*	SS-61 14ft*	SS-62 18ft*	SS-63 18.5ft	SS-64 8.5ft	SS-65 14ft*	SS-66 22.25ft	SS-67 14ft*	SS-68 14ft*	SS-69 20.5ft	SS-70 8.5ft	SS-71 14ft	SS-72 19ft	SS-73 8.5ft	SS-74 14ft	SS-75 8.5ft*	SS-76 14ft*	SS-77 8.5ft*	SS-78 19ft	SS-79 21ft
Date		mg/kg	mg/kg	5/18/2023	9/15/2023	9/15/2023	9/15/2023	9/15/2023	9/15/2023	9/15/2023	9/16/2023	9/16/2023	9/16/2023	9/16/2023	9/16/2023	9/18/2023	9/18/2023	9/18/2023	9/18/2023	9/18/2023	9/18/2023	9/19/2023	9/19/2023	9/19/2023	9/19/2023	9/19/2023
Dichlorodifluoromethane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	mg/kg	-	-	ND(<0.051)	ND(<0.045)	ND(<0.049)	ND(<0.046)	ND(<0.048)	ND(<0.050)	ND(<0.049)	ND(<0.047)	ND(<0.048)	ND(<0.050)	ND(<0.048)	ND(<0.052)	ND(<0.052)	ND(<0.047)	ND(<0.048)	ND(<0.050)	ND(<0.048)	ND(<0.051)	ND(<0.052)	ND(<0.055)	ND(<0.049)	ND(<0.049)	ND(<0.050)
Vinyl Chloride	mg/kg	-	1	ND(<0.017)	ND(<0.015)	ND(<0.016)	ND(<0.015)	ND(<0.016)	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.018)	ND(<0.016)	ND(<0.016)	ND(<0.017)
Bromomethane	mg/kg	-	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	-	-	ND(<0.051)	ND(<0.045)	ND(<0.049)	ND(<0.046)	ND(<0.048)	ND(<0.050)	ND(<0.049)	ND(<0.047)	ND(<0.048)	ND(<0.050)	ND(<0.048)	ND(<0.052)	ND(<0.052)	ND(<0.047)	ND(<0.048)	ND(<0.050)	ND(<0.048)	ND(<0.051)	ND(<0.052)	ND(<0.055)	ND(<0.049)	ND(<0.049)	ND(<0.050)
Carbon Tetrachloride	mg/kg	-	14	ND(<0.026)	ND(<0.022)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.027)	ND(<0.024)	ND(<0.025)	ND(<0.025)
Trichlorofluoromethane	mg/kg	-	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/kg	-	1,800	ND(<0.043)	ND(<0.037)	ND(<0.041)	ND(<0.039)	ND(<0.040)	ND(<0.042)	ND(<0.041)	ND(<0.039)	ND(<0.040)	ND(<0.042)	ND(<0.040)	ND(<0.043)	ND(<0.043)	ND(<0.040)	ND(<0.040)	ND(<0.042)	ND(<0.040)	ND(<0.043)	ND(<0.043)	ND(<0.045)	ND(<0.041)	ND(<0.041)	ND(<0.041)
Methylene Chloride	mg/kg	0.02	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	mg/kg		1,600	ND(<0.026)	ND(<0.022)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.027)	ND(<0.024)	ND(<0.025)	ND(<0.025)
1,1-Dichloroethane	mg/kg	-	16,000	ND(<0.026)	ND(<0.022)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.027)	ND(<0.024)	ND(<0.025)	ND(<0.025)
Cis-1,2-Dichloroethene	mg/kg	-	160	ND(<0.026)	ND(<0.022)	0.028	ND(<0.023)	0.028	0.12	ND(<0.024)	ND(<0.023)	0.048	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.027)	ND(<0.024)	ND(<0.025)	ND(<0.025)
2,2-Dichloropropane	mg/kg	-	-	ND(<0.043)	ND(<0.037)	ND(<0.041)	ND(<0.039)	ND(<0.040)	ND(<0.042)	ND(<0.041)	ND(<0.039)	ND(<0.040)	ND(<0.042)	ND(<0.040)	ND(<0.043)	ND(<0.043)	ND(<0.040)	ND(<0.040)	ND(<0.042)	ND(<0.040)	ND(<0.043)	ND(<0.043)	ND(<0.045)	ND(<0.041)	ND(<0.041)	ND(<0.041)
Bromochloromethane	mg/kg	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/kg	-	32	ND(<0.026)	ND(<0.022)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.027)	ND(<0.024)	ND(<0.025)	ND(<0.025)
1,1,1-Trichloroethane (TCA)	mg/kg	2.0	-	ND(<0.026)	ND(<0.022)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.027)	ND(<0.024)	ND(<0.025)	ND(<0.025)
1,1-Dichloropropene	mg/kg	-	-	ND(<0.026)	ND(<0.022)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.027)	ND(<0.024)	ND(<0.025)	ND(<0.025)
1,2-Dichloroethane (EDC)	mg/kg	-	11	ND(<0.026)	ND(<0.022)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.027)	ND(<0.024)	ND(<0.025)	ND(<0.025)
Trichloroethene (TCE)	mg/kg	0.03	-	ND(<0.026)	**0.042**	**0.86**	0.027	**0.60**	**31**	0.022	ND(<0.016)	**0.063**	0.024	**0.030**	**0.037**	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.016)	ND(<0.017)	**0.25**	**0.53**	**0.30**	ND(<0.016)	ND(<0.017)
1,2-Dichloropropane	mg/kg	-	27	ND(<0.026)	ND(<0.022)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.027)	ND(<0.024)	ND(<0.025)	ND(<0.025)
Dibromomethane	mg/kg	-	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/kg	-	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	mg/kg	-	10	ND(<0.026)	ND(<0.022)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.027)	ND(<0.024)	ND(<0.025)	ND(<0.025)
Cis-1,3-Dichloropropene	mg/kg	-	10	ND(<0.026)	ND(<0.022)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.027)	ND(<0.024)	ND(<0.025)	ND(<0.025)
1,1,2-Trichloroethane	mg/kg	-	18	ND(<0.026)	ND(<0.022)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.027)	ND(<0.024)	ND(<0.025)	ND(<0.025)
1,3-Dichloropropane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	mg/kg	0.05	-	ND(<0.017)	ND(<0.015)	ND(<0.016)	ND(<0.015)	ND(<0.016)	**0.070**	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.018)	ND(<0.016)	ND(<0.016)	ND(<0.017)
Dibromochloromethane	mg/kg	-	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dibromoethane (EDB)	mg/kg	0.005	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	mg/kg	-	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	mg/kg	-	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/kg	-	0.0063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/kg	-	640	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/kg	-	1,600	ND(<0.034)	ND(<0.030)	ND(<0.033)	ND(<0.031)	ND(<0.032)	ND(<0.034)	ND(<0.032)	ND(<0.031)	ND(<0.032)	ND(<0.034)	ND(<0.032)	ND(<0.034)	ND(<0.035)	ND(<0.032)	ND(<0.032)	ND(<0.034)	ND(<0.032)	ND(<0.034)	ND(<0.035)	ND(<0.036)	ND(<0.033)	ND(<0.033)	ND(<0.033)
4-Chlorotoluene	mg/kg	-	1,600	ND(<0.034)	ND(<0.030)	ND(<0.033)	ND(<0.031)	ND(<0.032)	ND(<0.034)	ND(<0.032)	ND(<0.031)	ND(<0.032)	ND(<0.034)	ND(<0.032)	ND(<0.034)	ND(<0.035)	ND(<0.032)	ND(<0.032)	ND(<0.034)	ND(<0.032)	ND(<0.034)	ND(<0.035)	ND(<0.036)	ND(<0.033)	ND(<0.033)	ND(<0.033)
1,3-Dichlorobenzene	mg/kg	-	-	ND(<0.034)	ND(<0.030)	ND(<0.033)	ND(<0.031)	ND(<0.032)	ND(<0.034)	ND(<0.032)	ND(<0.031)	ND(<0.032)	ND(<0.034)	ND(<0.032)	ND(<0.034)	ND(<0.035)	ND(<0.032)	ND(<0.032)	ND(<0.034)	ND(<0.032)	ND(<0.034)	ND(<0.035)	ND(<0.036)	ND(<0.033)	ND(<0.033)	ND(<0.033)
1,4-Dichlorobenzene	mg/kg	-	190	ND(<0.034)	ND(<0.030)	ND(<0.033)	ND(<0.031)	ND(<0.032)	ND(<0.034)	ND(<0.032)	ND(<0.031)	ND(<0.032)	ND(<0.034)	ND(<0.032)	ND(<0.034)	ND(<0.035)	ND(<0.032)	ND(<0.032)	ND(<0.034)	ND(<0.032)	ND(<0.034)	ND(<0.035)	ND(<0.036)	ND(<0.033)	ND(<0.033)	ND(<0.033)
1,2-Dichlorobenzene	mg/kg	-	7,200	ND(<0.034)	ND(<0.030)	ND(<0.033)	ND(<0.031)	ND(<0.032)	ND(<0.034)	ND(<0.032)	ND(<0.031)	ND(<0.032)	ND(<0.034)	ND(<0.032)	ND(<0.034)	ND(<0.035)	ND(<0.032)	ND(<0.032)	ND(<0.034)	ND(<0.032)	ND(<0.034)	ND(<0.035)	ND(<0.036)	ND(<0.033)	ND(<0.033)	ND(<0.033)
1,2-Dibromo-3-Chloropropane	mg/kg	-	0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	-	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	-	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	-	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[a] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 720-2 (carcinogens) bas

[b] - CCV recovery was below method acceptance limits

[c] -exceeded calibration range, result is an estimate

[d] - Analyte detected in the associated Method Blank

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 7
Soil Sample VOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[a]:	SS-80 12ft*	SS-81 8.5ft*	SS-82 14ft*	SS-83 10ft*	SS-84 11ft*	SS-85 9ft*	SS-86 8.5ft	SS-87 14ft	SS-88 20ft	SS-89 14ft	SS-90 9ft	SS-91 19ft	SS-92 14ft	SS-93 9.5ft	SS-94 18ft	SS-95 8.5ft	SS-96 14ft*	SS-97 14ft*	SS-98 19.5ft	SS-99 9ft	SS-100 14ft	SS-101 9ft*	SS-102 14ft
Date		mg/kg	mg/kg	9/19/2023	9/20/2023	9/20/2023	9/20/2023	9/20/2023	9/20/2023	9/20/2023	9/20/2023	9/20/2023	9/21/2023	9/21/2023	9/21/2023	9/21/2023	9/21/2023	9/21/2023	9/21/2023	9/27/2023	9/28/2023	9/28/2023	9/28/2023	9/28/2023	10/5/2023	10/5/2023
Dichlorodifluoromethane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	mg/kg	-	-	ND(<0.046)	ND(<0.048)	ND(<0.048)	ND(<0.049)	ND(<0.049)	ND(<0.048)	ND(<0.051)	ND(<0.050)	ND(<0.051)	ND(<0.050)	ND(<0.049)	ND(<0.050)	ND(<0.051)	ND(<0.046)	ND(<0.049)	ND(<0.045)	ND(<0.046)	ND(<0.046)	ND(<0.046)	ND(<0.046)	ND(<0.046)	ND(<0.049)	ND(<0.050)
Vinyl Chloride	mg/kg	-	1	ND(<0.015)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.015)	ND(<0.016)	ND(<0.015)	ND(<0.015)	ND(<0.015)	ND(<0.015)	ND(<0.015)	ND(<0.015)	ND(<0.016)	ND(<0.017)
Bromomethane	mg/kg	-	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	-	-	ND(<0.046)	ND(<0.048)	ND(<0.048)	ND(<0.049)	ND(<0.049)	ND(<0.048)	ND(<0.051)	ND(<0.050)	ND(<0.051)	ND(<0.050)	ND(<0.049)	ND(<0.050)	ND(<0.051)	ND(<0.046)	ND(<0.049)	ND(<0.045)	ND(<0.046)	ND(<0.046)	ND(<0.046)	ND(<0.046)	ND(<0.046)	ND(<0.049)	ND(<0.050)
Carbon Tetrachloride	mg/kg	-	14	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.025)
Trichlorofluoromethane	mg/kg	-	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/kg	-	1,800	ND(<0.039)	ND(<0.040)	ND(<0.040)	ND(<0.041)	ND(<0.040)	ND(<0.040)	ND(<0.043)	ND(<0.042)	ND(<0.042)	ND(<0.042)	ND(<0.041)	ND(<0.042)	ND(<0.042)	ND(<0.038)	ND(<0.041)	ND(<0.038)	ND(<0.038)	ND(<0.038)	ND(<0.038)	ND(<0.038)	ND(<0.038)	ND(<0.041)	ND(<0.042)
Methylene Chloride	mg/kg	0.02	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	mg/kg		1,600	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.025)
1,1-Dichloroethane	mg/kg	-	16,000	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.025)
Cis-1,2-Dichloroethene	mg/kg	-	160	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.025)
2,2-Dichloropropane	mg/kg	-	-	ND(<0.039)	ND(<0.040)	ND(<0.040)	ND(<0.041)	ND(<0.040)	ND(<0.040)	ND(<0.043)	ND(<0.042)	ND(<0.042)	ND(<0.042)	ND(<0.041)	ND(<0.042)	ND(<0.042)	ND(<0.038)	ND(<0.041)	ND(<0.038)	ND(<0.038)	ND(<0.038)	ND(<0.038)	ND(<0.038)	ND(<0.038)	ND(<0.041)	ND(<0.042)
Bromochloromethane	mg/kg	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/kg	-	32	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.025)
1,1,1-Trichloroethane (TCA)	mg/kg	2.0	-	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.025)
1,1-Dichloropropene	mg/kg	-	-	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.025)
1,2-Dichloroethane (EDC)	mg/kg	-	11	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.025)
Trichloroethene (TCE)	mg/kg	0.03	-	**0.33**	**0.11**	**0.33**	**0.16**	**0.070**	**0.29**	ND(<0.017)	ND(<0.017)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.017)	0.020	ND(<0.016)	ND(<0.015)	**0.043**	**0.4**	ND(<0.015)	ND(<0.015)	ND(<0.015)	**0.033**	ND(<0.017)
1,2-Dichloropropane	mg/kg	-	27	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.025)
Dibromomethane	mg/kg	-	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/kg	-	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	mg/kg	-	10	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.025)
Cis-1,3-Dichloropropene	mg/kg	-	10	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.025)
1,1,2-Trichloroethane	mg/kg	-	18	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.024)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.025)
1,3-Dichloropropane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	mg/kg	0.05	-	ND(<0.015)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.015)	ND(<0.016)	ND(<0.015)	ND(<0.015)	ND(<0.015)	ND(<0.015)	ND(<0.015)	ND(<0.015)	ND(<0.016)	ND(<0.017)
Dibromochloromethane	mg/kg	-	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dibromoethane (EDB)	mg/kg	0.005	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	mg/kg	-	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	mg/kg	-	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/kg	-	0.0063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/kg	-	640	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/kg	-	1,600	ND(<0.031)	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.032)	ND(<0.034)	ND(<0.033)	ND(<0.034)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.034)	ND(<0.031)	ND(<0.033)	ND(<0.030)	ND(<0.031)	ND(<0.031)	ND(<0.031)	ND(<0.031)	ND(<0.031)	ND(<0.033)	ND(<0.033)
4-Chlorotoluene	mg/kg	-	1,600	ND(<0.031)	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.032)	ND(<0.034)	ND(<0.033)	ND(<0.034)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.034)	ND(<0.031)	ND(<0.033)	ND(<0.030)	ND(<0.031)	ND(<0.031)	ND(<0.031)	ND(<0.031)	ND(<0.031)	ND(<0.033)	ND(<0.033)
1,3-Dichlorobenzene	mg/kg	-	-	ND(<0.031)	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.032)	ND(<0.034)	ND(<0.033)	ND(<0.034)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.034)	ND(<0.031)	ND(<0.033)	ND(<0.030)	ND(<0.031)	ND(<0.031)	ND(<0.031)	ND(<0.031)	ND(<0.031)	ND(<0.033)	ND(<0.033)
1,4-Dichlorobenzene	mg/kg	-	190	ND(<0.031)	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.032)	ND(<0.034)	ND(<0.033)	ND(<0.034)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.034)	ND(<0.031)	ND(<0.033)	ND(<0.030)	ND(<0.031)	ND(<0.031)	ND(<0.031)	ND(<0.031)	ND(<0.031)	ND(<0.033)	ND(<0.033)
1,2-Dichlorobenzene	mg/kg	-	7,200	ND(<0.031)	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.032)	ND(<0.034)	ND(<0.033)	ND(<0.034)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.034)	ND(<0.031)	ND(<0.033)	ND(<0.030)	ND(<0.031)	ND(<0.031)	ND(<0.031)	ND(<0.031)	ND(<0.031)	ND(<0.033)	ND(<0.033)
1,2-Dibromo-3-Chloropropane	mg/kg	-	0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	-	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	-	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	-	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[a] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 720-2 (carcinogens) bas

[b] - CCV recovery was below method acceptance limits

[c] -exceeded calibration range, result is an estimate

[d] - Analyte detected in the associated Method Blank

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 7
Soil Sample VOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[a]:	SS-103 19ft	SS-104 9ft*	SS-105 14ft	SS-106 19ft	SS-107 19ft	SS-108 9ft*	SS-109 9ft*	SS-110 14ft	SS-111 14ft	SS-112 9ft*	SS-113 19ft	SS-114 14ft	SS-115 20ft	SS-116 9ft	SS-117 9ft	SS-118 14ft	SS-119 9ft	SS-120 16.25ft	SS-121 9ft*	SS-122 14ft*	SS-123 9ft
Date		**mg/kg**	**mg/kg**	**10/5/2023**	**10/5/2023**	**10/5/2023**	**10/5/2023**	**10/5/2023**	**10/5/2023**	**10/6/2023**	**10/6/2023**	**10/6/2023**	**10/6/2023**	**10/6/2023**	**10/16/2023**	**10/17/2023**	**10/19/2023**	**10/19/2023**	**10/19/2023**	**10/19/2023**	**10/19/2023**	**10/20/2023**	**10/20/2023**	**10/20/2023**
Dichlorodifluoromethane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	mg/kg	-	-	ND(<0.051)	ND(<0.048)	ND(<0.049)	ND(<0.050)	ND(<0.050)	ND(<0.048)	ND(<0.047)	ND(<0.048)	ND(<0.049)	ND(<0.048)	ND(<0.051)	ND(<0.10)	ND(<0.048)	ND(<0.049)	ND(<0.048)	ND(<0.050)	ND(<0.048)	ND(<0.050)	ND(<0.052)	ND(<0.049)	ND(<0.048)
Vinyl Chloride	mg/kg	-	1	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.033)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.016)
Bromomethane	mg/kg	-	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	-	-	ND(<0.051)	ND(<0.048)	ND(<0.049)	ND(<0.050)	ND(<0.050)	ND(<0.048)	ND(<0.047)	ND(<0.048)	ND(<0.049)	ND(<0.048)	ND(<0.051)	ND(<0.10)	ND(<0.048)	ND(<0.049)	ND(<0.048)	ND(<0.050)	ND(<0.048)	ND(<0.050)	ND(<0.052)	ND(<0.049)	ND(<0.048)
Carbon Tetrachloride	mg/kg	-	14	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.05)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.025)	ND(<0.024)
Trichlorofluoromethane	mg/kg	-	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/kg	-	1,800	ND(<0.042)	ND(<0.040)	ND(<0.041)	ND(<0.041)	ND(<0.042)	ND(<0.040)	ND(<0.039)	ND(<0.040)	ND(<0.041)	ND(<0.040)	ND(<0.042)	ND(<0.084)	ND(<0.040)	ND(<0.041)	ND(<0.040)	ND(<0.042)	ND(<0.040)	ND(<0.042)	ND(<0.043)	ND(<0.041)	ND(<0.040)
Methylene Chloride	mg/kg	0.02	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	mg/kg		1,600	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.05)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.025)	ND(<0.024)
1,1-Dichloroethane	mg/kg	-	16,000	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.05)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.025)	ND(<0.024)
Cis-1,2-Dichloroethene	mg/kg	-	160	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.05)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.025)	ND(<0.024)
2,2-Dichloropropane	mg/kg	-	-	ND(<0.042)	ND(<0.040)	ND(<0.041)	ND(<0.041)	ND(<0.042)	ND(<0.040)	ND(<0.039)	ND(<0.040)	ND(<0.041)	ND(<0.040)	ND(<0.042)	ND(<0.05)	ND(<0.040)	ND(<0.041)	ND(<0.040)	ND(<0.042)	ND(<0.040)	ND(<0.042)	ND(<0.043)	ND(<0.041)	ND(<0.040)
Bromochloromethane	mg/kg	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/kg	-	32	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.05)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.025)	ND(<0.024)
1,1,1-Trichloroethane (TCA)	mg/kg	2.0	-	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.05)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.025)	ND(<0.024)
1,1-Dichloropropene	mg/kg	-	-	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.05)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.025)	ND(<0.024)
1,2-Dichloroethane (EDC)	mg/kg	-	11	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.05)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.025)	ND(<0.024)
Trichloroethene (TCE)	mg/kg	0.03	-	ND(<0.017)	**0.081**	0.023	ND(<0.017)	ND(<0.017)	**0.065**	**0.041**	ND(<0.016)	ND(<0.016)	**0.2**	ND(<0.017)	ND(<0.033)	ND(<0.016)	ND(<0.016)	0.019	ND(<0.017)	ND(<0.016)	ND(<0.017)	**0.1**	**0.13**	ND(<0.016)
1,2-Dichloropropane	mg/kg	-	27	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.05)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.025)	ND(<0.024)
Dibromomethane	mg/kg	-	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/kg	-	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	mg/kg	-	10	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.05)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.025)	ND(<0.024)
Cis-1,3-Dichloropropene	mg/kg	-	10	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.05)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.025)	ND(<0.024)
1,1,2-Trichloroethane	mg/kg	-	18	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.023)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.05)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.025)	ND(<0.024)
1,3-Dichloropropane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	mg/kg	0.05	-	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.033)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.016)
Dibromochloromethane	mg/kg	-	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dibromoethane (EDB)	mg/kg	0.005	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	mg/kg	-	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	mg/kg	-	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/kg	-	0.0063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/kg	-	640	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/kg	-	1,600	ND(<0.034)	ND(<0.032)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.032)	ND(<0.031)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.034)	ND(<0.067)	ND(<0.032)	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.034)	ND(<0.034)	ND(<0.033)	ND(<0.032)
4-Chlorotoluene	mg/kg	-	1,600	ND(<0.034)	ND(<0.032)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.032)	ND(<0.031)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.034)	ND(<0.067)	ND(<0.032)	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.034)	ND(<0.034)	ND(<0.033)	ND(<0.032)
1,3-Dichlorobenzene	mg/kg	-	-	ND(<0.034)	ND(<0.032)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.032)	ND(<0.031)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.034)	ND(<0.067)	ND(<0.032)	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.034)	ND(<0.034)	ND(<0.033)	ND(<0.032)
1,4-Dichlorobenzene	mg/kg	-	190	ND(<0.034)	ND(<0.032)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.032)	ND(<0.031)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.034)	ND(<0.067)	ND(<0.032)	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.034)	ND(<0.034)	ND(<0.033)	ND(<0.032)
1,2-Dichlorobenzene	mg/kg	-	7,200	ND(<0.034)	ND(<0.032)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.032)	ND(<0.031)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.034)	ND(<0.067)	ND(<0.032)	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.034)	ND(<0.034)	ND(<0.033)	ND(<0.032)
1,2-Dibromo-3-Chloropropane	mg/kg	-	0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	-	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	-	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	-	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[a] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 720-2 (carcinogens) bas

[b] - CCV recovery was below method acceptance limits

[c] -exceeded calibration range, result is an estimate

[d] - Analyte detected in the associated Method Blank

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 7
Soil Sample VOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[a]:	SS-124 14ft	SS-125 9ft*	SS-126 14ft	SS-127 17.5ft	SS-128 9ft	SS-129 14ft	SS-130 9ft	SS-131 9ft	SS-132 14ft	SS-133 9ft	SS-134 16.5ft	SS-135 14ft*	SS-136 14ft*	SS-137 9ft*	SS-138 9ft*	SS-139 14ft	SS-140 9ft	SS-141 17ft	SS-142 14ft	SS-143 9ft
Date		**mg/kg**	**mg/kg**	**10/20/2023**	**10/20/2023**	**10/23/2023**	**10/23/2023**	**10/26/2023**	**10/26/2023**	**10/26/2023**	**10/26/2023**	**10/27/2023**	**10/27/2023**	**10/27/2023**	**10/27/2023**	**10/27/2023**	**10/27/2023**	**10/27/2023**	**11/1/2023**	**11/1/2023**	**11/1/2023**	**11/1/2023**	**11/1/2023**
Dichlorodifluoromethane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	mg/kg	-	-	ND(<0.048)	ND(<0.048)	ND(<0.050)	ND(<0.050)	ND(<0.049)	ND(<0.051)	ND(<0.048)	ND(<0.051)	ND(<0.050)	ND(<0.047)	ND(<0.051)	ND(<0.061)	ND(<0.053)	ND(<0.053)	ND(<0.049)	ND(<0.051)	ND(<0.053)	ND(<0.049)	ND(<0.048)	ND(<0.052)
Vinyl Chloride	mg/kg	-	1	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.020)	ND(<0.018)	ND(<0.018)	ND(<0.016)	ND(<0.017)	ND(<0.018)	ND(<0.016)	ND(<0.016)	ND(<0.017)
Bromomethane	mg/kg	-	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	-	-	ND(<0.048)	ND(<0.048)	ND(<0.050)	ND(<0.050)	ND(<0.049)	ND(<0.051)	ND(<0.048)	ND(<0.051)	ND(<0.050)	ND(<0.047)	ND(<0.051)	ND(<0.061)	ND(<0.053)	ND(<0.053)	ND(<0.049)	ND(<0.051)	ND(<0.053)	ND(<0.049)	ND(<0.048)	ND(<0.052)
Carbon Tetrachloride	mg/kg	-	14	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.030)	ND(<0.027)	ND(<0.026)	ND(<0.025)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.026)
Trichlorofluoromethane	mg/kg	-	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/kg	-	1,800	ND(<0.040)	ND(<0.040)	ND(<0.041)	ND(<0.041)	ND(<0.041)	ND(<0.043)	ND(<0.040)	ND(<0.042)	ND(<0.042)	ND(<0.039)	ND(<0.042)	ND(<0.051)	ND(<0.044)	ND(<0.044)	ND(<0.041)	ND(<0.043)	ND(<0.044)	ND(<0.041)	ND(<0.040)	ND(<0.043)
Methylene Chloride	mg/kg	0.02	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	mg/kg		1,600	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.030)	ND(<0.027)	ND(<0.026)	ND(<0.025)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.026)
1,1-Dichloroethane	mg/kg	-	16,000	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.030)	ND(<0.027)	ND(<0.026)	ND(<0.025)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.026)
Cis-1,2-Dichloroethene	mg/kg	-	160	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.030)	ND(<0.027)	ND(<0.026)	ND(<0.025)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.026)
2,2-Dichloropropane	mg/kg	-	-	ND(<0.040)	ND(<0.040)	ND(<0.041)	ND(<0.041)	ND(<0.041)	ND(<0.043)	ND(<0.040)	ND(<0.042)	ND(<0.042)	ND(<0.039)	ND(<0.042)	ND(<0.051)	ND(<0.044)	ND(<0.044)	ND(<0.041)	ND(<0.043)	ND(<0.044)	ND(<0.041)	ND(<0.040)	ND(<0.043)
Bromochloromethane	mg/kg	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/kg	-	32	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.030)	ND(<0.027)	ND(<0.026)	ND(<0.025)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.026)
1,1,1-Trichloroethane (TCA)	mg/kg	2.0	-	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.030)	ND(<0.027)	ND(<0.026)	ND(<0.025)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.026)
1,1-Dichloropropene	mg/kg	-	-	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.030)	ND(<0.027)	ND(<0.026)	ND(<0.025)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.026)
1,2-Dichloroethane (EDC)	mg/kg	-	11	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.030)	ND(<0.027)	ND(<0.026)	ND(<0.025)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.026)
Trichloroethene (TCE)	mg/kg	0.03	-	ND(<0.016)	**0.092**	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.017)	**0.039**	**0.049**	**0.051**	**0.035**	0.018	ND(<0.018)	ND(<0.016)	ND(<0.016)	ND(<0.017)
1,2-Dichloropropane	mg/kg	-	27	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.030)	ND(<0.027)	ND(<0.026)	ND(<0.025)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.026)
Dibromomethane	mg/kg	-	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/kg	-	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	mg/kg	-	10	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.030)	ND(<0.027)	ND(<0.026)	ND(<0.025)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.026)
Cis-1,3-Dichloropropene	mg/kg	-	10	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.030)	ND(<0.027)	ND(<0.026)	ND(<0.025)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.026)
1,1,2-Trichloroethane	mg/kg	-	18	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.023)	ND(<0.025)	ND(<0.030)	ND(<0.027)	ND(<0.026)	ND(<0.025)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.026)
1,3-Dichloropropane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	mg/kg	0.05	-	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.020)	ND(<0.018)	ND(<0.018)	ND(<0.016)	ND(<0.017)	ND(<0.018)	ND(<0.016)	ND(<0.016)	ND(<0.017)
Dibromochloromethane	mg/kg	-	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dibromoethane (EDB)	mg/kg	0.005	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	mg/kg	-	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	mg/kg	-	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/kg	-	0.0063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/kg	-	640	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/kg	-	1,600	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.034)	ND(<0.032)	ND(<0.034)	ND(<0.033)	ND(<0.031)	ND(<0.034)	ND(<0.041)	ND(<0.036)	ND(<0.035)	ND(<0.033)	ND(<0.034)	ND(<0.035)	ND(<0.033)	ND(<0.032)	ND(<0.034)
4-Chlorotoluene	mg/kg	-	1,600	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.034)	ND(<0.032)	ND(<0.034)	ND(<0.033)	ND(<0.031)	ND(<0.034)	ND(<0.041)	ND(<0.036)	ND(<0.035)	ND(<0.033)	ND(<0.034)	ND(<0.035)	ND(<0.033)	ND(<0.032)	ND(<0.034)
1,3-Dichlorobenzene	mg/kg	-	-	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.034)	ND(<0.032)	ND(<0.034)	ND(<0.033)	ND(<0.031)	ND(<0.034)	ND(<0.041)	ND(<0.036)	ND(<0.035)	ND(<0.033)	ND(<0.034)	ND(<0.035)	ND(<0.033)	ND(<0.032)	ND(<0.034)
1,4-Dichlorobenzene	mg/kg	-	190	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.034)	ND(<0.032)	ND(<0.034)	ND(<0.033)	ND(<0.031)	ND(<0.034)	ND(<0.041)	ND(<0.036)	ND(<0.035)	ND(<0.033)	ND(<0.034)	ND(<0.035)	ND(<0.033)	ND(<0.032)	ND(<0.034)
1,2-Dichlorobenzene	mg/kg	-	7,200	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.034)	ND(<0.032)	ND(<0.034)	ND(<0.033)	ND(<0.031)	ND(<0.034)	ND(<0.041)	ND(<0.036)	ND(<0.035)	ND(<0.033)	ND(<0.034)	ND(<0.035)	ND(<0.033)	ND(<0.032)	ND(<0.034)
1,2-Dibromo-3-Chloropropane	mg/kg	-	0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	-	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	-	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	-	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[a] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 720-2 (carcinogens) bas

[b] - CCV recovery was below method acceptance limits

[c] -exceeded calibration range, result is an estimate

[d] - Analyte detected in the associated Method Blank

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 7
Soil Sample VOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[a]:	SS-144 9ft*	SS-145 9ft*	SS-146 14ft	SS-147 9ft*	SS-148 9ft	SS-149 19ft	SS-150 9ft	SS-151 9ft	SS-152 9ft*	SS-153 14ft	SS-154 14ft	SS-155 14ft*	SS-156 9ft	SS-157 9ft	SS-158 9ft*	SS-159 14ft*	SS-160 14ft	SS-161 14ft	SS-162 14ft	SS-163 9ft
Date		**mg/kg**	**mg/kg**	**11/6/2023**	**11/6/2023**	**11/6/2023**	**11/6/2023**	**11/6/2023**	**11/6/2023**	**11/7/2023**	**11/7/2023**	**11/7/2023**	**11/7/2023**	**11/7/2023**	**11/7/2023**	**11/7/2023**	**11/7/2023**	**11/7/2023**	**11/7/2023**	**11/7/2023**	**11/7/2023**	**11/7/2023**	**11/14/2023**
Dichlorodifluoromethane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	mg/kg	-	-	ND(<0.049)	ND(<0.050)	ND(<0.051)	ND(<0.048)	ND(<0.050)	ND(<0.052)	ND(<0.047)	ND(<0.049)	ND(<0.048)	ND(<0.051)	ND(<0.051)	ND(<0.050)	ND(<0.049)	ND(<0.048)	ND(<0.049)	ND(<0.052)	ND(<0.049)	ND(<0.049)	ND(<0.050)	ND(<0.039)
Vinyl Chloride	mg/kg	-	1	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.013)
Bromomethane	mg/kg	-	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	-	-	ND(<0.049)	ND(<0.050)	ND(<0.051)	ND(<0.048)	ND(<0.050)	ND(<0.052)	ND(<0.047)	ND(<0.049)	ND(<0.048)	ND(<0.051)	ND(<0.051)	ND(<0.050)	ND(<0.049)	ND(<0.048)	ND(<0.049)	ND(<0.052)	ND(<0.049)	ND(<0.049)	ND(<0.050)	ND(<0.039)
Carbon Tetrachloride	mg/kg	-	14	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.020)
Trichlorofluoromethane	mg/kg	-	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/kg	-	1,800	ND(<0.041)	ND(<0.042)	ND(<0.042)	ND(<0.040)	ND(<0.042)	ND(<0.043)	ND(<0.039)	ND(<0.041)	ND(<0.040)	ND(<0.043)	ND(<0.043)	ND(<0.042)	ND(<0.040)	ND(<0.040)	ND(<0.041)	ND(<0.043)	ND(<0.041)	ND(<0.041)	ND(<0.042)	ND(<0.033)
Methylene Chloride	mg/kg	0.02	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,2-Dichloroethene	mg/kg		1,600	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.020)
1,1-Dichloroethane	mg/kg	-	16,000	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.020)
Cis-1,2-Dichloroethene	mg/kg	-	160	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.020)
2,2-Dichloropropane	mg/kg	-	-	ND(<0.041)	ND(<0.042)	ND(<0.042)	ND(<0.040)	ND(<0.042)	ND(<0.043)	ND(<0.039)	ND(<0.041)	ND(<0.040)	ND(<0.043)	ND(<0.043)	ND(<0.042)	ND(<0.040)	ND(<0.040)	ND(<0.041)	ND(<0.043)	ND(<0.041)	ND(<0.041)	ND(<0.042)	ND(<0.033)
Bromochloromethane	mg/kg	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/kg	-	32	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	0.025[d]	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	0.031[d]	0.035[d]	0.029[d]	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.020)
1,1,1-Trichloroethane (TCA)	mg/kg	2.0	-	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.020)
1,1-Dichloropropene	mg/kg	-	-	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.020)
1,2-Dichloroethane (EDC)	mg/kg	-	11	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.020)
Trichloroethene (TCE)	mg/kg	0.03	-	**0.23**	**0.11**	ND(<0.017)	**0.28**	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.016)	**0.083**	ND(<0.017)	ND(<0.017)	**0.12**	ND(<0.016)	ND(<0.016)	**0.046**	**0.63**	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.013)
1,2-Dichloropropane	mg/kg	-	27	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.020)
Dibromomethane	mg/kg	-	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/kg	-	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trans-1,3-Dichloropropene	mg/kg	-	10	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.020)
Cis-1,3-Dichloropropene	mg/kg	-	10	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.020)
1,1,2-Trichloroethane	mg/kg	-	18	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.024)	ND(<0.025)	ND(<0.026)	ND(<0.024)	ND(<0.025)	ND(<0.024)	ND(<0.026)	ND(<0.026)	ND(<0.025)	ND(<0.024)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.025)	ND(<0.025)	ND(<0.025)	ND(<0.020)
1,3-Dichloropropane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene (PCE)	mg/kg	0.05	-	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.017)	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.013)
Dibromochloromethane	mg/kg	-	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dibromoethane (EDB)	mg/kg	0.005	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	mg/kg	-	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	mg/kg	-	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/kg	-	0.0063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/kg	-	640	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/kg	-	1,600	ND(<0.033)	ND(<0.033)	ND(<0.034)	ND(<0.032)	ND(<0.033)	ND(<0.035)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.034)	ND(<0.034)	ND(<0.033)	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.034)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.026)
4-Chlorotoluene	mg/kg	-	1,600	ND(<0.033)	ND(<0.033)	ND(<0.034)	ND(<0.032)	ND(<0.033)	ND(<0.035)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.034)	ND(<0.034)	ND(<0.033)	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.034)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.026)
1,3-Dichlorobenzene	mg/kg	-	-	ND(<0.033)	ND(<0.033)	ND(<0.034)	ND(<0.032)	ND(<0.033)	ND(<0.035)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.034)	ND(<0.034)	ND(<0.033)	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.034)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.026)
1,4-Dichlorobenzene	mg/kg	-	190	ND(<0.033)	ND(<0.033)	ND(<0.034)	ND(<0.032)	ND(<0.033)	ND(<0.035)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.034)	ND(<0.034)	ND(<0.033)	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.034)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.026)
1,2-Dichlorobenzene	mg/kg	-	7,200	ND(<0.033)	ND(<0.033)	ND(<0.034)	ND(<0.032)	ND(<0.033)	ND(<0.035)	ND(<0.032)	ND(<0.033)	ND(<0.032)	ND(<0.034)	ND(<0.034)	ND(<0.033)	ND(<0.032)	ND(<0.032)	ND(<0.033)	ND(<0.034)	ND(<0.033)	ND(<0.033)	ND(<0.033)	ND(<0.026)
1,2-Dibromo-3-Chloropropane	mg/kg	-	0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	-	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	-	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	-	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[a] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 720-2 (carcinogens) bas

[b] - CCV recovery was below method acceptance limits

[c] -exceeded calibration range, result is an estimate

[d] - Analyte detected in the associated Method Blank

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 7
Soil Sample VOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[a]:	SS-164 14ft	SS-165 9ft	SS-166 14ft	SS-167 10ft	SS-168 16ft	SS-169 14ft	SS-170 18ft	SS-171 9ft	SS-172 9ft	SS-173 16ft	PCS-12*	PCS-13*	PCS-14*	CS-114 4ft	CS-115 2.5ft	CS-116 2.5ft	CS-117 4ft	CS-118 2.5ft	CS-119 3ft
Date		**mg/kg**	**mg/kg**	**11/14/2023**	**11/14/2023**	**11/14/2023**	**11/14/2023**	**11/14/2023**	**11/14/2023**	**11/14/2023**	**11/15/2023**	**11/15/2023**	**11/15/2023**	**6/13/2023**	**6/13/2023**	**6/13/2023**	**6/16/2023**	**6/16/2023**	**6/16/2023**	**6/16/2023**	**6/16/2023**	**6/16/2023**
Dichlorodifluoromethane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.03)	ND(<0.01)	ND(<0.051)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.047)
Chloromethane	mg/kg	-	-	ND(<0.044)	ND(<0.046)	ND(<0.047)	ND(<0.048)	ND(<0.052)	ND(<0.046)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.050)	ND(<0.027)	ND(<0.01)	ND(<0.047)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.044)
Vinyl Chloride	mg/kg	-	1	ND(<0.015)	ND(<0.015)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.015)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Bromomethane	mg/kg	-	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.031)	ND(<0.01)	ND(<0.054)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.05)
Chloroethane	mg/kg	-	-	ND(<0.044)	ND(<0.046)	ND(<0.047)	ND(<0.048)	ND(<0.052)	ND(<0.046)	ND(<0.047)	ND(<0.047)	ND(<0.047)	ND(<0.050)	ND(<0.023)	ND(<0.01)	ND(<0.04)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.037)
Carbon Tetrachloride	mg/kg	-	14	ND(<0.022)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.015)	ND(<0.01)	ND(<0.026)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.024)
Trichlorofluoromethane	mg/kg	-	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.019)	ND(<0.01)	ND(<0.033)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.03)
1,1-Dichloroethene	mg/kg	-	1,800	ND(<0.037)	ND(<0.038)	ND(<0.039)	ND(<0.040)	ND(<0.043)	ND(<0.038)	ND(<0.039)	ND(<0.040)	ND(<0.039)	ND(<0.042)	ND(<0.029)	ND(<0.01)	ND(<0.051)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.046)
Methylene Chloride	mg/kg	0.02	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.15)	ND(<0.02)	ND(<0.26)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.23)
Trans-1,2-Dichloroethene	mg/kg		1,600	ND(<0.022)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.028)	ND(<0.01)	ND(<0.048)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.044)
1,1-Dichloroethane	mg/kg	-	16,000	ND(<0.022)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.015)	ND(<0.01)	ND(<0.027)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.024)
Cis-1,2-Dichloroethene	mg/kg	-	160	ND(<0.022)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.017)	ND(<0.01)	ND(<0.03)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.028)
2,2-Dichloropropane	mg/kg	-	-	ND(<0.037)	ND(<0.038)	ND(<0.039)	ND(<0.040)	ND(<0.043)	ND(<0.038)	ND(<0.039)	ND(<0.040)	ND(<0.039)	ND(<0.042)	ND(<0.022)	ND(<0.01)	ND(<0.038)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.035)
Bromochloromethane	mg/kg	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.02)	ND(<0.01)	ND(<0.035)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.032)
Chloroform	mg/kg	-	32	ND(<0.022)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.028)	ND(<0.01)	ND(<0.049)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.045)
1,1,1-Trichloroethane (TCA)	mg/kg	2.0	-	ND(<0.022)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.03)	ND(<0.01)	ND(<0.052)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.048)
1,1-Dichloropropene	mg/kg	-	-	ND(<0.022)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.025)	ND(<0.01)	ND(<0.043)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.039)
1,2-Dichloroethane (EDC)	mg/kg	-	11	ND(<0.022)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.01)	ND(<0.01)	ND(<0.015)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.014)
Trichloroethene (TCE)	mg/kg	0.03	-	ND(<0.015)	ND(<0.015)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.015)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.016)	ND(<0.01)	ND(<0.028)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.026)
1,2-Dichloropropane	mg/kg	-	27	ND(<0.022)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.01)	ND(<0.01)	ND(<0.016)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.015)
Dibromomethane	mg/kg	-	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.03)	ND(<0.01)	ND(<0.052)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.048)
Bromodichloromethane	mg/kg	-	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.016)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.015)
Trans-1,3-Dichloropropene	mg/kg	-	10	ND(<0.022)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.02)	ND(<0.01)	ND(<0.034)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.032)
Cis-1,3-Dichloropropene	mg/kg	-	10	ND(<0.022)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.013)	ND(<0.01)	ND(<0.022)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.02)
1,1,2-Trichloroethane	mg/kg	-	18	ND(<0.022)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.026)	ND(<0.023)	ND(<0.023)	ND(<0.024)	ND(<0.024)	ND(<0.025)	ND(<0.01)	ND(<0.01)	ND(<0.013)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.012)
1,3-Dichloropropane	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Tetrachloroethylene (PCE)	mg/kg	0.05	-	ND(<0.015)	ND(<0.015)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.015)	ND(<0.016)	ND(<0.016)	ND(<0.016)	ND(<0.017)	ND(<0.019)	ND(<0.01)	ND(<0.033)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.03)
Dibromochloromethane	mg/kg	-	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
1,2 Dibromoethane (EDB)	mg/kg	0.005	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.007)	ND(<0.005)	ND(<0.012)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.011)
Chlorobenzene	mg/kg	-	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.014)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.013)
1,1,1,2-Tetrachloroethane	mg/kg	-	38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.011)	ND(<0.01)	ND(<0.029)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.018)
Bromoform	mg/kg	-	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.011)	ND(<0.01)	ND(<0.019)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.017)
1,1,2,2-Tetrachloroethane	mg/kg	-	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.021)	ND(<0.01)	ND(<0.037)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.034)
1,2,3-Trichloropropane	mg/kg	-	0.0063	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Bromobenzene	mg/kg	-	640	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.014)	ND(<0.01)	ND(<0.024)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.022)
2-Chlorotoluene	mg/kg	-	1,600	ND(<0.029)	ND(<0.031)	ND(<0.031)	ND(<0.032)	ND(<0.035)	ND(<0.030)	ND(<0.031)	ND(<0.032)	ND(<0.031)	ND(<0.033)	ND(<0.016)	ND(<0.01)	0.12	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.025)
4-Chlorotoluene	mg/kg	-	1,600	ND(<0.029)	ND(<0.031)	ND(<0.031)	ND(<0.032)	ND(<0.035)	ND(<0.030)	ND(<0.031)	ND(<0.032)	ND(<0.031)	ND(<0.033)	ND(<0.011)	ND(<0.01)	0.11	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.017)
1,3-Dichlorobenzene	mg/kg	-	-	ND(<0.029)	ND(<0.031)	ND(<0.031)	ND(<0.032)	ND(<0.035)	ND(<0.030)	ND(<0.031)	ND(<0.032)	ND(<0.031)	ND(<0.033)	ND(<0.01)	ND(<0.01)	ND(<0.017)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.015)
1,4-Dichlorobenzene	mg/kg	-	190	ND(<0.029)	ND(<0.031)	ND(<0.031)	ND(<0.032)	ND(<0.035)	ND(<0.030)	ND(<0.031)	ND(<0.032)	ND(<0.031)	ND(<0.033)	ND(<0.012)	ND(<0.01)	ND(<0.02)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.019)
1,2-Dichlorobenzene	mg/kg	-	7,200	ND(<0.029)	ND(<0.031)	ND(<0.031)	ND(<0.032)	ND(<0.035)	ND(<0.030)	ND(<0.031)	ND(<0.032)	ND(<0.031)	ND(<0.033)	ND(<0.01)	ND(<0.01)	ND(<0.018)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.016)
1,2-Dibromo-3-Chloropropane	mg/kg	-	0.23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)	ND(<0.05)
1,2,4-Trichlorobenzene	mg/kg	-	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.017)	ND(<0.01)	ND(<0.03)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.027)
Hexachlorobutadiene	mg/kg	-	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.015)	ND(<0.01)	ND(<0.027)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.025)
1,2,3-Trichlorobenzene	mg/kg	-	64	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND(<0.01)	ND(<0.01)	ND(<0.015)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.014)

[a] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 720-2 (carcinogens) bas

[b] - CCV recovery was below method acceptance limits

[c] -exceeded calibration range, result is an estimate

[d] - Analyte detected in the associated Method Blank

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 8
Soil Sample SVOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[(a)]:	B-27 West 11-13ft*	B-27 East 12-14ft*	B-27 North 12-14ft*
Date		**mg/kg**	**mg/kg**	**3/6/2023**	**3/6/2023**	**3/6/2023**
Pyridine	mg/kg	-	-	ND(<0.2)	ND(<0.2)	ND(<0.2)
N-Nitrosodimethylamine	mg/kg	-	-	ND(<0.1)	ND(<0.1)	ND(<0.1)
Phenol	mg/kg	-	24,000	ND(<0.1)	ND(<0.1)	ND(<0.1)
Aniline	mg/kg	-	180	ND(<0.1)	ND(<0.1)	ND(<0.1)
Bis(2-Chloroethyl)Ether	mg/kg	-	0.91	ND(<0.25)	ND(<0.25)	ND(<0.25)
2-Chlorophenol	mg/kg	-	400	ND(<0.25)	ND(<0.25)	ND(<0.25)
1,3-Dichlorobenzene	mg/kg	-	-	ND(<0.1)	ND(<0.1)	ND(<0.1)
1,4-Dichlorobenzene	mg/kg	-	190	ND(<0.1)	ND(<0.1)	ND(<0.1)
Benzyl Alcohol	mg/kg	-	8,000	ND(<0.1)	ND(<0.1)	ND(<0.1)
1,2-Dichlorobenzene	mg/kg	-	7,200	ND(<0.1)	ND(<0.1)	ND(<0.1)
o-Cresol	mg/kg	-	4,000	ND(<0.1)	ND(<0.1)	ND(<0.1)
Bis(2-chloroisopropyl) ether	mg/kg	-	-	ND(<0.25)	ND(<0.25)	ND(<0.25)
m,p-Cresol (2:1 ratio)	mg/kg	-	4,000	ND(<0.1)	ND(<0.1)	ND(<0.1)
N-Nitrosodi-n-propylamine	mg/kg	-	-	ND(<0.25)	ND(<0.25)	ND(<0.25)
Hexachloroethane	mg/kg	-	0.8	ND(<0.1)	ND(<0.1)	ND(<0.1)
Nitrobenzene	mg/kg	-	200	ND(<0.1)	ND(<0.1)	ND(<0.1)
Isophorone	mg/kg	-	240	ND(<0.1)	ND(<0.1)	ND(<0.1)
2-Nitrophenol	mg/kg	-	-	ND(<0.1)	ND(<0.1)	ND(<0.1)
2,4-Dimethylphenol	mg/kg	-	120	ND(<0.1)	ND(<0.1)	ND(<0.1)
Benzoic Acid	mg/kg	5	-	ND(<1)	ND(<1)	ND(<1)
Bis(2-Chloroethoxy)Methane	mg/kg	-	40,000	ND(<0.25)	ND(<0.25)	ND(<0.25)
2,4-Dichlorophenol	mg/kg	-	120	ND(<0.5)	ND(<0.5)	ND(<0.5)
1,2,4-Trichlorobenzene	mg/kg	-	800	ND(<0.1)	ND(<0.1)	ND(<0.1)
4-Chloroaniline	mg/kg	-	800	ND(<1)	ND(<1)	ND(<1)
2,6-Dichlorophenol	mg/kg	-	-	ND(<0.25)	ND(<0.25)	ND(<0.25)
Hexachlorobutadiene	mg/kg	-	1.6	ND(<0.5)	ND(<0.5)	ND(<0.5)
4-Chloro-3-Methylphenol	mg/kg	-	-	ND(<0.5)	ND(<0.5)	ND(<0.5)
Hexachlorocyclopentadiene	mg/kg	-	-	ND(<0.1)	ND(<0.1)	ND(<0.1)
2,4,6-Trichlorophenol	mg/kg	-	320	ND(<0.1)	ND(<0.1)	ND(<0.1)
2,4,5-Trichlorophenol	mg/kg	-	34	ND(<0.1)	ND(<0.1)	ND(<0.1)
2-Chloronaphthalene	mg/kg	-	800	ND(<0.1)	ND(<0.1)	ND(<0.1)
2-Nitroaniline	mg/kg	-	50	ND(<0.1)	ND(<0.1)	ND(<0.1)
Acenaphthylene	mg/kg	-	-	ND(<0.1)	ND(<0.1)	ND(<0.1)
Dimethyl phthalate	mg/kg	-	1.9	ND(<0.1)	ND(<0.1)	ND(<0.1)
2,6-Dinitrotoluene	mg/kg	-	0.14	ND(<0.1)	ND(<0.1)	ND(<0.1)
Acenaphthene	mg/kg	-	1,600	ND(<0.1)	ND(<0.1)	ND(<0.1)
3-Nitroaniline	mg/kg	-	-	ND(<1)	ND(<1)	ND(<1)

Table 8
Soil Sample SVOC Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[(a)]:	B-27 West 11-13ft*	B-27 East 12-14ft*	B-27 North 12-14ft*
Date		**mg/kg**	**mg/kg**	**3/6/2023**	**3/6/2023**	**3/6/2023**
2,4-Dinitrophenol	mg/kg	-	400	ND(<0.1)	ND(<0.1)	ND(<0.1)
4-Nitrophenol	mg/kg	-	-	ND(<0.1)	ND(<0.1)	ND(<0.1)
Dibenzofuran	mg/kg	-	0.5	ND(<0.1)	ND(<0.1)	ND(<0.1)
2,4-Dinitrotoluene	mg/kg	-	0.14	ND(<0.1)	ND(<0.1)	ND(<0.1)
2,3,4,6-Tetrachlorophenol	mg/kg	-	110,000	ND(<0.1)	ND(<0.1)	ND(<0.1)
Diethyl phthalate	mg/kg	-	63	ND(<0.1)	ND(<0.1)	ND(<0.1)
Fluorene	mg/kg	-	-	ND(<0.1)	ND(<0.1)	ND(<0.1)
4-Chlorophenyl-Phenylether	mg/kg	-	-	ND(<0.1)	ND(<0.1)	ND(<0.1)
4-Nitroaniline	mg/kg	-	8	ND(<0.25)	ND(<0.25)	ND(<0.25)
4,6-Dinitro-2-Methylphenol	mg/kg	-	-	ND(<0.1)	ND(<0.1)	ND(<0.1)
N-Nitrosodiphenylamine	mg/kg	-	56	ND(<0.1)	ND(<0.1)	ND(<0.1)
Azobenzene	mg/kg	-	80	ND(<0.1)	ND(<0.1)	ND(<0.1)
4-Bromophenyl phenyl ether	mg/kg	-	-	ND(<0.1)	ND(<0.1)	ND(<0.1)
Hexachlorobenzene	mg/kg	-	-	ND(<0.1)	ND(<0.1)	ND(<0.1)
Pentachlorophenol	mg/kg	-	5.9	ND(<0.5)	ND(<0.5)	ND(<0.5)
Phenanthrene	mg/kg	-	-	ND(<0.1)	ND(<0.1)	ND(<0.1)
Anthracene	mg/kg	-	400	ND(<0.1)	ND(<0.1)	ND(<0.1)
Carbazole	mg/kg	-	-	ND(<0.25)	ND(<0.25)	ND(<0.25)
Dibutyl phthalate	mg/kg	-	-	ND(<0.1)	ND(<0.1)	ND(<0.1)
Fluoranthene	mg/kg	-	-	ND(<0.1)	ND(<0.1)	ND(<0.1)
Pyrene	mg/kg	-	-	ND(<0.1)	ND(<0.1)	ND(<0.1)
Butyl benzyl phthalate	mg/kg	-	40	ND(<0.1)	ND(<0.1)	ND(<0.1)
3,3-Dichlorobenzidine	mg/kg	-	160	ND(<0.25)	ND(<0.25)	ND(<0.25)
Bis(2-Ethylhexyl) Phthalate	mg/kg	0.1	-	ND(<0.1)	ND(<0.1)	ND(<0.1)
Di-N-Octyl Phthalate	mg/kg	-	22	ND(<0.1)	ND(<0.1)	ND(<0.1)
Benzo[G,H,I]Perylene	mg/kg	-	-	ND(<0.1)	ND(<0.1)	ND(<0.1)

[(a)] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 740-2

If no carcinogenic value was listed then the non-carcinogenic value was applied.

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 9
Soil Sample TCLP Analytical Results
Sunset Commons

Sample ID		TCLP Maximum Contaminant Concentration Value:	B-27 12.5-13ft*	B-27 North 12-14ft*	B-27 Resample*	B-27E Resample*	SS-44 9ft*
Date		**mg/L**	**11/30/2022**	**3/6/2023**	**5/9/2023**	**5/9/2023**	**5/16/2023**
Benzene	mg/L	0.5	ND(<0.005),H	ND(<0.005)	ND(<0.005)	ND(<0.005)	NA
Carbon Tetrachloride	mg/L	0.5	ND(<0.005),H	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.006)
Chlorobenzene	mg/L	100.0	ND(<0.005),H	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)
Chloroform	mg/L	6.0	ND(<0.005),H	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)
1,2-Dichloroethane (EDC)	mg/L	0.5	ND(<0.005),H	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)
1,1-Dichloroethene	mg/L	0.7	ND(<0.005),H	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)
2-Butanone	mg/L	200.0	ND(<0.005),H	ND(<0.005)	ND(<0.005)	ND(<0.005)	NA
Tetrachloroethylene (PCE)	mg/L	0.7	ND(<0.005),H	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.0035)
Trichloroethene (TCE)	mg/L	0.5	ND(<0.005),H	0.016	0.021	0.011	0.0294
Vinyl Chloride	mg/L	0.2	ND(<0.005),H	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.002)
1,4-Dichlorobenzene	mg/L	7.5	ND(<0.005),H	NA	ND(<0.005)	ND(<0.005)	ND(<0.005)
Cis-1,2-Dichloroethene	mg/L	--	NA	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.005)
1,1,1-Trichloroethane (TCA)	mg/L	--	NA	ND(<0.005)	ND(<0.005)	ND(<0.005)	ND(<0.003)

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

H - indicates the sample was analyzed out of hold time

NA - indicates the sample was not analyzed for the specified analyte

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 10
GeoProbe Groundwater Sample Petroleum Analytical Results
Sunset Commons

Sample ID	Date	DTW (ft)	NWTPH-Gx Gasoline Range (µg/L)	NWTPH-Dx Diesel Range (µg/L)	NWTPH-Dx Oil Range (µg/L)	EPA-8021 Benzene (µg/L)	EPA-8021 Toluene (µg/L)	EPA-8021 Ethylbenzene (µg/L)	EPA-8021 Xylenes (µg/L)	EPA-200.8 Lead (Dissolved) (µg/L)
MTCA Method A Cleanup Level:			1,000/800[(a)]	500	500	5	1,000	700	1,000	15
B-1 Water	10/6/2022	22.85	ND(<50)	350	ND(<500)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)	ND(<1.0)
B-2 Water	10/6/2022	9.51	ND(<50)	190	ND(<250)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)	1.5
B-3 Water	10/6/2022	21.30	ND(<50)	460	ND(<330)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)	4.4
B-4 Water	10/6/2022	12.65	ND(<50)	160	ND(<250)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)	ND(<1.0)
B-5 Water	10/6/2022	22.96	ND(<50)	**1,000**	**530**	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)	1.3
Extraction Sump	10/6/2022	--	ND(<50)	130	ND(<250)	ND(<1.0)	ND(<1.0)	ND(<1.0)	ND(<3.0)	ND(<1.0)

[(a)] - Cleanup level dependent on BTEX concentrations

ND - indicates analyte was not detected at level above reporting limit (shown in parentheses)

BOLD and shaded indicates the sample exceeds MTCA Method A cleanup levels

Table 11
Groundwater Sample Petroleum Analytical Results
Sunset Commons

Sample ID	Date	NWTPH-Gx Gasoline Range (µg/L)	NWTPH-Dx Diesel Range (µg/L)	NWTPH-Dx Oil Range (µg/L)	EPA-8021 Benzene (µg/L)	EPA-8021 Toluene (µg/L)	EPA-8021 Ethylbenzene (µg/L)	EPA-8021 Xylenes (µg/L)	EPA-8021 MTBE (µg/L)	EPA-8260 EDC (µg/L)	EPA-8260 EDB (µg/L)	EPA-8270 SIM Naphthalenes[(b)] (µg/L)	EPA-200.8 Lead (Dissolved) (µg/L)
MTCA Method A Cleanup Levels:		1,000/800[(a)]	500	500	5	1,000	700	1,000	20	5	0.01	160	15
MW-1	12/13/2022	ND(<50)	150	ND(<250)	ND(<1.0)	ND(<1.0)	ND(1.0)	ND(<3.0)	ND(<3.0)	ND(<0.02)	ND(<0.01)	ND(<0.02)	ND(<1.0)
	2/17/2023	ND(<50)	ND(<130)	ND(<250)	ND(<1.0)	ND(<1.0)	ND(1.0)	ND(<3.0)	NA	NA	NA	ND(<0.02)	ND(<1.0)
	5/23/2023	ND(<50)	180	ND(<250)	ND(<1.0)	ND(<1.0)	ND(1.0)	ND(<3.0)	NA	NA	NA	ND(<0.02)	ND(<1.0)
MW-2	12/13/2022	ND(<50)	240	ND(<250)	ND(<1.0)	ND(<1.0)	ND(1.0)	ND(<3.0)	ND(<3.0)	ND(<0.02)	ND(<0.01)	ND(<0.02)	ND(<1.0)
	2/17/2023	ND(<50)	140	ND(<250)	ND(<1.0)	ND(<1.0)	ND(1.0)	ND(<3.0)	NA	NA	NA	ND(<0.02)	ND(<1.0)
	2/17/2023 (dup.)	ND(<50)	190	ND(<280)	ND(<1.0)	ND(<1.0)	ND(1.0)	ND(<3.0)	NA	NA	NA	ND(<0.02)	ND(<1.0)
	5/23/2023	ND(<50)	230	ND(<250)	ND(<1.0)	ND(<1.0)	ND(1.0)	ND(<3.0)	NA	NA	NA	ND(<0.02)	1.9
	5/23/2023 (dup.)	ND(<50)	160	ND(<250)	ND(<1.0)	ND(<1.0)	ND(1.0)	ND(<3.0)	NA	NA	NA	ND(<0.02)	ND(<1.0)
MW-3	12/13/2022	ND(<50)	310	ND(<250)	ND(<1.0)	ND(<1.0)	ND(1.0)	ND(<3.0)	ND(<3.0)	ND(<0.02)	ND(<0.01)	ND(<0.02)	ND(<1.0)
	2/17/2023	ND(<50)	ND(<130)	ND(<250)	ND(<1.0)	ND(<1.0)	ND(1.0)	ND(<3.0)	NA	NA	NA	ND(<0.02)	ND(<1.0)
	5/23/2023	ND(<50)	170	ND(<250)	ND(<1.0)	ND(<1.0)	ND(1.0)	ND(<3.0)	NA	NA	NA	ND(<0.02)	ND(<1.0)
MW-4	12/13/2022	50	200	ND(<250)	ND(<1.0)	ND(<1.0)	ND(1.0)	ND(<3.0)	ND(<3.0)	ND(<0.02)	ND(<0.01)	ND(<0.02)	4.8
	2/17/2023	ND(<50)	ND(<130)	ND(<250)	ND(<1.0)	ND(<1.0)	ND(1.0)	ND(<3.0)	NA	NA	NA	ND(<0.02)	ND(<1.0)
	5/23/2023	ND(<50)	170	ND(<250)	ND(<1.0)	ND(<1.0)	ND(1.0)	ND(<3.0)	NA	NA	NA	ND(<0.02)	ND(<1.0)

[(a)] - Cleanup level dependent on BTEX concentrations

[(b)] - This is the total value for naphthalene, 1-methyl naphthalene, and 2-methyl naphthalene

ND - indicates analyte was not detected at level above reporting limit (shown in parentheses)

NA - indicates that the specified analyte was not analyzed

Table 12
Groundwater Sample cPAH Analytical Results
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Sample ID	Date	EPA-8270 'Benzo[a]pyrene µg/L	EPA-8270 'Benzo[a]anthracene µg/L	EPA-8270 'Benzo[b]fluoranthene µg/L	EPA-8270 'Benzo[k]fluoranthene µg/L	EPA-8270 'Chrysene µg/L	EPA-8270 'Dibenz[a,h]anthracene µg/L	EPA-8270 'Indeno[1,2,3-cd]pyrene µg/L	Total cPAH Equivalent (Teq)[(a)] µg/L
Toxicity Equivalency Factor (TEF):		1	0.1	0.1	0.1	0.01	0.1	0.1	--
MTCA Method A Cleanup Level:		--	--	--	--	--	--	--	0.1[(b)]
MW-1	12/13/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
	2/17/2023	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
	5/23/2023	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
MW-2	12/13/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
	2/17/2023	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
	2/17/2023 (dup.)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
	5/23/2023	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
	5/23/2023 (dup.)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
MW-3	12/13/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
	2/17/2023	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
	5/23/2023	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
MW-4	12/13/2022	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
	2/17/2023	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015
	5/23/2023	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	ND(<0.02)	0.015

TEF - Toxicity Equivalency Factor (WAC 173-340-900 table 708.2)

TEq - Toxicity Equivalency to benzo(a)pyrene, calculated by multiplying result by appropriate TEF.

ND - indicates analyte was not detected at level above reporting limit (shown in parentheses)

For ND values, the TEF was multiplied by one half the reporting limit

(a) - cPAH level calculated using Toxicity equivalency methodology provided in WAC 173-340-708(8)

(b) - Method A cleanup level of Benzo(a)pyrene

Table 13
Water Sample VOC (EPA-8260) Analytical Results
Sunset Commons

Sample ID		MTCA Method A Cleanup Level:	MTCA Method B Cleanup Level[(a)]:	DeWatering-1	DeWatering-2	MW-1	MW-2	MW-3	MW-4	MW-1	MW-2	MW-2 (dup.)	MW-3	MW-4	MW-1	MW-2	MW-2 (dup.)	MW-3	MW-4
Date		**µg/L**	**µg/L**	**4/20/2023**	**4/20/2023**	**12/13/2022**	**12/13/2022**	**12/13/2022**	**12/13/2022**	**2/17/2023**	**2/17/2023**	**2/17/2023**	**2/17/2023**	**2/17/2023**	**5/23/2023**	**5/23/2023**	**5/23/2023**	**5/23/2023**	**5/23/2023**
Dichlorodifluoromethane	µg/L	-	160	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Chloromethane	µg/L	-	-	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Vinyl Chloride	µg/L	-	0.029	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)	ND(<0.2)
Bromomethane	µg/L	-	11	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Chloroethane	µg/L	-	-	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Carbon Tetrachloride	µg/L	-	0.63	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Trichlorofluoromethane	µg/L	-	2,400	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,1-Dichloroethene	µg/L	-	400	5.8	5	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Methylene Chloride	µg/L	5	-	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)	ND(<5.0)
Trans-1,2-Dichloroethene	µg/L		160	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,1-Dichloroethane	µg/L	-	7.7	3.9	3.2	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Cis-1,2-Dichloroethene	µg/L	-	16	5.1	3.9	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
2,2-Dichloropropane	µg/L	-	-	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Bromochloromethane	µg/L	-	-	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Chloroform	µg/L	-	0.002	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,1,1-Trichloroethane (TCA)	µg/L	200	-	11	8.7	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,1-Dichloropropene	µg/L	-	-	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,2-Dichloroethane (EDC)	µg/L	5		ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Trichloroethene (TCE)	µg/L	5	-	**8.3**	**6.7**	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,2-Dichloropropane	µg/L	-	1.2	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Dibromomethane	µg/L	-	80	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Bromodichloromethane	µg/L	-	0.71	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Trans-1,3-Dichloropropene	µg/L	-	0.44	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Cis-1,3-Dichloropropene	µg/L	-	0.44	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,1,2-Trichloroethane	µg/L	-	0.77	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,3-Dichloropropane	µg/L	-	160	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Tetrachloroethylene (PCE)	µg/L	5	-	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Dibromochloromethane	µg/L	-	0.52	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,2 Dibromoethane (EDB)	µg/L	0.01	-	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)	ND(<0.01)
Chlorobenzene	µg/L	-	160	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,1,1,2-Tetrachloroethane	µg/L	-	1.7	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Bromoform	µg/L	-	5.5	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,1,2,2-Tetrachloroethane	µg/L	-	0.22	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,2,3-Trichloropropane	µg/L	-	0.00038	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Bromobenzene	µg/L	-	64	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
2-Chlorotoluene	µg/L	-	160	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
4-Chlorotoluene	µg/L	-	160	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,3-Dichlorobenzene	µg/L	-	-	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,4-Dichlorobenzene	µg/L	-	8.1	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,2-Dichlorobenzene	µg/L	-	720	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,2-Dibromo-3-Chloropropane	µg/L	-	0.014	ND(<10.0)	ND(<10.0)	ND(<10.0)	ND(<10.0)	ND(<10.0)	ND(<10.0)	ND(<10.0)	ND(<10.0)	ND(<10.0)	ND(<10.0)	ND(<10.0)	ND(<10.0)	ND(<10.0)	ND(<10.0)	ND(<10.0)	ND(<10.0)
1,2,4-Trichlorobenzene	µg/L	-	1.5	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
Hexachlorobutadiene	µg/L	-	0.56	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)
1,2,3-Trichlorobenzene	µg/L	-	6.4	ND (<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)	ND(<2.0)

[(a)] - Method B cleanup levels obtained from CLARC tables calculated from WAC 173-340-720, Equation 720-2 (carcinogens) based on drinking water beneficial use.

If no carcinogenic value was listed then the non-carcinogenic value was applied.

italics - indicates that the reporting limit was raised above the cleanup level due to sample dilution

ND - indicates analyte was Not Detected at level above reporting limit (shown in parentheses)

BOLD and Shaded - indicates that the detected concentration exceeded the MTCA Method A target cleanup level

* - indicates that a sample location was over-excavated and re-sampled, see Table 1 for further details.

Table 14
Groundwater Chemistry Parameters
Sunset Commons

Well ID	Date	DTW (ft)	GW Elevation (ft)	Temp (°C)	EC (mS/cm)	TDS (g/L)	Salinity (ft)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)
MW-1	12/13/2022	18.95	140.92	10	0.4317	0.2809	0.21	7.05	9.1	196.9	23.5
	2/17/2023	4.98	154.89	10	0.51	0.3302	0.25	1.8	10.2[(a)]	63.5	11.3
	5/23/2023	7.20	152.67	11.5	0.483	0.3146	0.23	1	8.22	155.3	2.97
MW-2	12/13/2022	21.22	138.69	NA	NA	NA	NA	NA	NA	NA	NA
	2/17/2023	7.79	152.12	10.2	1.01	0.6565	0.5	0.4	7.5[(b)]	-27.2	1.63
	5/23/2023	8.47	151.44	12.7	0.91	0.5915	0.45	0.5	8.01	168	0.79
MW-3	12/13/2022	8.75	149.94	12.6	0.88	0.572	0.44	6.55	8.46	245.8	4.20
	2/17/2023	5.88	152.81	10.6	0.82	0.533	0.4	1.8	7.0[(b)]	9.6	2.27
	5/23/2023	5.43	153.26	13.6	0.77	0.5005	0.38	1.2	8.08	136.9	8.99
MW-4	12/13/2022	19.30	139.97	10.7	2.748	1.786	1.43	4.13	8.22	185.8	2.42
	2/17/2023	6.35	152.92	9.7	3.13	2.0345	1.64	0.4	6.5[(b)]	-22.2	3.82
	5/23/2023	6.75	152.52	13.4	3.03	1.969	1.59	0.7	7.85	126.9	1.19

[(a)] pH may be biased high

[(b)] result from pH test strip

APPENDIX C -
FIELD PROTOCOLS

FIELD INVESTIGATION PROTOCOLS

1.1 PRELIMINARY ACTIVITIES

Prior to the onset of field activities at the site, all appropriate permit(s) must be obtained from the governing agency(s). Advance notification is made as required by the agency(s) prior to the start of work. All excavation or borehole locations will be marked with white paint and the local one-call underground utility locating service will be contacted to mark underground utilities at least 72 hours prior to the start of work. Excavation or borehole locations may also be checked for underground utilities by a private geophysical surveyor. Prior to drilling, borehole locations may be cleared to at least 5 feet deep using hand tools or vacuum excavation techniques. Fieldwork is conducted under the advisement of a registered professional geologist, hydrogeologist, or engineer and in accordance with a site-specific health and safety plan prepared for the project.

1.2 SOIL BORINGS AND SOIL SAMPLING PROCEDURES

A licensed driller will be contracted to advance the borings and collect soil samples. The specific drilling method (e.g., hollow-stem auger, direct push method, or sonic drilling), sampling method [e.g., core barrel or California-modified split spoon sampler (CMSSS)] and sampling depths are documented on the boring log and may be specified in a workplan. Soil samples are typically collected at the capillary fringe and at 5-foot intervals to the total depth of the boring. To determine the depth of the capillary fringe prior to drilling, the static groundwater level is measured with a water level indicator in the monitoring well located closest to the boring location, if available.

The borehole is advanced to just above the desired sampling depth. For CMSSSs, the sampler is placed inside the auger and driven to a depth of 18 inches past the bit of the auger. The sampler is driven into the soil with a standard 140-pound hammer repeatedly dropped from a height of 30 inches onto the sampler. The number of blows required to drive the sampler each 6-inch increment is recorded on the boring log. For core samplers (e.g., direct push), the core is driven 4-5 feet using the probe-rig apparatus.

Soil samples are stored in sample containers required by the lab and/or regulatory agency (e.g., Environmental Protection Agency Method 5035). Samples are placed in a chilled cooler and transported to a state-certified laboratory. The samples are transferred under chain-of-custody (COC) protocol.

1.2.1 Field Screening Procedures

Soil from the sampling interval is placed in a plastic re-sealable bag, and the tip of a photoionization detector (PID) is inserted into the plastic bag to measure organic vapor concentrations in the headspace. The PID measurement is recorded on the boring log. The organic vapor headspace analyses are conducted using a MiniRAE Model 3000 PID equipped with a 10.6 eV lamp (or equivalent). At a minimum, the PID is calibrated on a daily basis in accordance with manufacturer's specifications using a hexane or isobutylene standard. The calibration gas and concentration are recorded on a calibration log.

Sheen tests are conducted using a portion of the soil core and distilled water. Sheen tests are recorded as: NS – no sheen, VSS – very slight sheen, SS – slight sheen, MS – moderate sheen, and HS – heavy sheen.

The soil sample is described according to the Unified Soil Classification System and the description is recorded on the boring log.

1.2.2 Backfilling of Soil Borings

If a well is not installed, the boring is backfilled from total depth to approximately 5 feet below ground surface (bgs) with either neat cement, bentonite grout, or bentonite chip. The boring is backfilled from 5 feet bgs to approximately 1-foot bgs with hydrated bentonite chips. The borehole is completed from 1-foot bgs to surface grade with material that best matches existing surface conditions and meets local agency requirements.

1.3 EXCAVATION SOIL SAMPLING PROCEDURES

During excavation activities, exposed soil from the bottom and sidewalls of the excavation is field screened for petroleum, soil staining, and/or discoloration. Samples of the soil are also periodically screened for the presence of volatile organic compounds using a photoionization detector (PID), with the vapor readings noted. Performance samples may be collected during the excavation to confirm the presence of contaminants and provide information regarding soil disposal classes/categories.

Confirmation soil samples are collected from the bottom and sidewalls of the excavation when field screening indicates that contaminant concentrations are below the established Site cleanup levels. All sampling locations are recorded with respect to lateral and vertical locations. Soil samples may be collected directly from the excavation using hand-sampling equipment such as a stainless-steel spoon, trowel, or hand auger. Samples collected in the deeper areas of an excavation are collected directly from the excavator bucket by removing approximately 6 inches of soil from the bucket (thereby exposing fresh soil) and collecting a sample from the middle of the bucket. Soil samples are collected as discrete samples and placed in containers provided by the laboratory. Samples are placed in a chilled cooler and transported to a state-certified laboratory. The samples are transferred under chain-of-custody (COC) protocol. Excavation soil samples are field screened as outlined in Section 1.2.1.

1.4 MONITORING WELL CONSTRUCTION AND GROUNDWATER SAMPLING PROCEDURES

Groundwater samples may be collected from either a temporary or permanent well installed in the borehole.

1.4.1 Well Construction

A well (if constructed) is completed using materials documented on the boring log or specified in a work plan. The well is constructed with slotted casing across the desired groundwater sampling depth(s) and completed with blank casing to within 6 inches of surface grade. No further construction is conducted on temporary wells.

For permanent wells, the annular space of the well is backfilled with sand from the total depth to approximately 3 feet above the top of the screened casing. A hydrated granular bentonite seal is placed on top of the sand filter pack. Grout may be placed on top of the bentonite seal to the desired depth. The well may be completed to surface grade with a 1-foot thick concrete pad. A well monument and cap for the well casing are installed to protect against surface water infiltration. Site-specific well construction details including type of well, well depth, casing diameter, slot size, length of screen interval and sand size are documented on the well construction diagram.

1.4.2 Well Development

If a permanent groundwater monitoring well is installed, the grout is allowed to cure a minimum of 48 hours before development. A new bailer or submersible pump is used to develop the newly installed

well. The well is developed until sufficient well casing volumes are removed so that turbidity is within allowable limits or the well goes dry. The volume of groundwater extracted is recorded in the field notes.

1.4.3 Groundwater Sampling

Wells are sampled using a low-flow sampling procedure in general accordance with U.S. Environmental Protection Agency (EPA) sampling guidelines. The low-flow sampling technique minimizes the impact of the purging process on groundwater chemistry and provides an accurate representation of the groundwater's condition at the time of sampling. Prior to sampling, the depth-to-water is measured in each well, to use in calculating the groundwater elevation for the sampling event. A YSI Model 556 multi probe meter (or equivalent) is used in conjunction with a flow-through cell to monitor groundwater chemistry during the low-flow purging process. Purging is considered adequate and groundwater samples are collected when the water chemistry parameters stabilize.

The water sample is stored in laboratory-supplied containers constructed of the correct material and with the correct volume and preservative to comply with the proposed laboratory test. Dissolved metals samples are filtered in the field using a disposable 0.45 µm in-line filter. Containers are slowly filled with the retrieved water sample until no headspace remains and then promptly sealed with a Teflon-lined cap, checked for the presence of bubbles, labeled, entered onto a COC record and placed in a chilled cooler. Laboratory-supplied trip blanks accompany the water samples (as required by the laboratory) as a quality assurance/quality control procedure. Equipment blanks and duplicate samples may be collected as required. The samples are kept in chilled storage and transported under COC protocol to a client-approved, state-certified laboratory for analysis

1.4.4 Surveying

If required, wells are surveyed by a licensed land surveyor relative to an established benchmark of known elevation above mean sea level to an accuracy of +/- 0.01 foot. The casing is notched or marked on the north side to identify a consistent surveying and measuring point.

1.4.5 Decontamination Procedures

All sampling equipment is decontaminated prior to and between each sampling event to reduce the potential for cross contamination. Re-usable field equipment is washed with Alconox detergent and triple rinsed.

1.4.6 Investigation Derived Waste Handling

Soil cuttings generated from the drilling or sampling are stored in labeled, Department of Transportation-approved, 55-gallon drums or other appropriate storage containers. The soil is removed from the site and transported under manifest to a client- and regulatory-approved facility for recycling or disposal. Decontamination fluids and purge water from well development and sampling activities, if conducted, are stored in labeled, regulatory-approved storage containers. Fluids are subsequently transported under manifest to a client- and regulatory-approved facility for disposal.

1.5 SOIL GAS PROBE INSTALLATION AND SAMPLING

Soil gas samples may be collected from temporary or permanent soil gas probe locations. Soil gas probes are constructed using direct-push probe equipment consisting of a two-inch steel rod and an expendable point driven to the desired depth for the probe to be completed. The probe consists of a six-inch stainless-steel mesh screen attached to Teflon® or Nylaflow® tubing. The tubing is used to extend the probe from the mesh screen to ground surface. Probe construction is accomplished by lowering the mesh screen and tubing into the open direct-push rods. The rods are then withdrawn from the boring and the resulting annular space around the tubing is backfilled with sand and granulated bentonite to the depth shown on the boring logs. The probe is sealed at the ground surface with a watertight two-way valve for sampling purposes. A well monument is installed to protect against surface water infiltration. The cover is grouted in place with concrete. Each soil gas probe is screened above the groundwater capillary zone, as recommended in the Washington State Department of Ecology (Ecology) guidance document, Guidance for Evaluating Vapor Intrusion in Washington State: Investigation and Remedial Action (Vapor Intrusion Guidance, 2022). The Washington State Department of Ecology, Guidance for Evaluating Vapor Intrusion in Washington State: Investigation and Remedial Action, document also recommends soil gas samples be taken from locations near the contaminant source and collected at depths no shallower than 5 feet below grade, unless not permitted by groundwater depth. Ecology also recommends avoiding sampling during or immediately following a heavy rain. (Vapor Intrusion Guidance, 2022).

1.5.1 Soil Gas Probe Purging

Purging the soil gas probe prior to sampling helps ensure a representative soil gas sample is collected. The Washington State Department of Ecology, Guidance for Evaluating Vapor Intrusion in Washington State: Investigation and Remedial Action, document recommends purging at least three times the well casing volume (Vapor Intrusion Guidance, 2022). Using the following equation for one well volume, three volumes are purged during the leak testing using a hand pump or peristaltic pump:

$V\ (in^3) = \pi r^2 l$

Then to convert units from cubic inches to mL:

$V\ (in^3) * 16.39\ (mL/in^3) = V\ (mL)$

Where:

V = One volume of tubing/soil gas in probe

r = inner radius of tubing/soil gas probe (inches)

l = length of tubing being used from sample container to screened interval (inches)

π = 3.14 (unitless)

1.5.2 Shut-In Procedure for Soil Gas Sampling

Shut-in tests are performed on the soil-gas sampling train to verify that the tubing and connections used for sampling are airtight. Leaks into the sampling train could compromise the data by allowing ambient air to enter the sample, potentially diluting the sample and biasing results low. The following procedure are performed prior to sampling.

1. Fully close the valve of the Summa-canister and note vacuum reading.
2. Connect an appropriate flow regulator to the Summa canister using a quick connect.
3. Tighten the brass cap (included with the canister) to the end of the flow regulator with a wrench. Once the flow regulator is secured, the shut-in test should be completed by quickly opening and closing the summa-canister valve. If the needle on the vacuum gauge drops, the train was not airtight, and the connections should be refitted. This process should be repeated until no significant leakage has been demonstrated.
4. After successful completion of Step 3, remove the brass plug from the end of the flow regulator. Connect this end of the Teflon-lined tubing to the flow regulator using a Swagelok-compression fitting.
5. Connect the other end of the sample tubing to a hand-held vacuum pump (with gauge) using flexible silicon tubing.
6. With the canister valve closed and using the pump, increase the vacuum inside the sampling train to approximately 15 to 20-in Hg. This reading should be maintained for at least 30 seconds. If leakage is detected, the connections should be checked and reattached. This process will be repeated until no significant leakage has been demonstrated.

Soil gas samples are collected after confirming airtightness in the sample train.

1.5.3 Soil Gas Sampling

Soil gas samples are collected through the soil gas probes in accordance with the following protocol:

- Once the soil gas probe has been purged and the shut-in tests completed, the Teflon/Nylaflow tubing connected to the Summa canister is connected directly to the two-way valve connected to the soil-gas probe.

- The Summa canister valve is then opened, allowing the canister to be filled for approximately 5 to 10 minutes. Samples should be noted with Summa canister serial numbers, beginning and ending canister pressure readings, location, purge duration, date, and time. Ecology recommends that sample volumes be relatively small, about 1 liter, and that sampling flowrates do not exceed 0.2 liters/minute (Vapor Intrusion Guidance, 2022).

- The collected soil gas samples are submitted to an analytical laboratory for analysis within 48 hours of sampling. Chain-of-custody procedures are followed to document sample handling.

APPENDIX D -
SOIL BORING LOGS

GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-1
Location: North end of parcel, centrally located
Date Completed: October 4, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 25 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 7.5 ft	Medium to fine sand with gravel, brown, firm, moist.	0-5 ft	1.1	NS	
7.5 to 10.0 ft	Silty sand with clay and gravel, brown to gray, firm, moist.	5-7.5 ft	1.0	NS	
		7.5-10 ft	0.5	NS	7.5-10 ft
10.0 to 15.0 ft	- No recovery, likely pushed a rock.				
15.0 to 17.0 ft	Silty sand with clay and gravel, brown to gray, firm, moist.	17 ft	2.0	NS	
17.0 to 25.0 ft	Silty clay with minor gravel, gray, firm, moist.	18 ft	1.5	NS	
		20 ft	0.9	NS	
		22.5 ft	0.5	NS	
		25 ft	2.4	NS	25 ft
	Constructed temporary well in boring				
	- screened from 10 to 25 ft bgs				
	Soil Sample Collection Depth				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-2
Location: West parcel boundary, north end of property.
Date Completed: October 4, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 25 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 2.5 ft	Medium to fine sand with gravel and organic material (rootlets), brown, firm, moist.	0-2.5 ft	1.1	NS	
	- 2 inch black organic layer at ~2.5ft				
2.5 to 5.0 ft	Silty sand with clay and graves, brown to gray, firm, moist.	2.5-5 ft	1.0	NS	2.5-5 ft
5.0 to 9.0 ft	Silty sand with organic material (rootlets), brown to gray, firm, moist	7.5-9 ft	1.4	NS	
9.0 to 10.0 ft	Silty clayey sand, gray, firm, moist.	9-10 ft	1.0	NS	
10.0 to 20.0 ft	Fine silty sand with clay, gray with orange mottling, firm, moist.	12.5 ft	0.6	NS	13 ft
		15 ft	0.7	NS	
		17.5 ft	0.8	NS	
		18 ft	1.5	NS	
20.0 to 25.0 ft	- No recovery.	20 ft	0.5	NS	
	Constructed temporary well in boring				
	- screened from 10 to 25 ft bgs				
	Soil Sample Collection Depth				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-3
Location: Center of the parcel
Date Completed: October 4, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 25 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 3.0 ft	Medium to fine sand, brown, firm, moist.	0-3 ft	22.8	NS	0-3 ft
3.0 to 5.0 ft	Silty sand with minor gravel and organic material (rootlets), dark brown, firm, moist.	3-5 ft	2.2	NS	
5.0 to 15.0 ft	Silty sand with clay and minor gravel, brown to gray, firm, moist.	6 ft	1.2	NS	
		8 ft	1.0	NS	
		10 ft	0.5	NS	
		12.5 ft	0.4	NS	13 ft
		15 ft	0.5	NS	
15.0 to 25.0 ft	Silty clay, minor gravel, gray with orange mottling, soft, moist.	17.5 ft	1.7	NS	
		20 ft	1.5	NS	
		25 ft	1.2	NS	
	Constructed temporary well in boring - screened from 9 to 24 ft bgs				
	Soil Sample Collection Depth				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-4
Location: South -center of the parcel
Date Completed: October 4, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 25 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 2.5 ft	Silty sand with gravel and organic material (rootlets), reddish-brown, firm, moist.	2.5 ft	2.0	NS	
2.5 to 3.0 ft	Silty sand with organics and woody debris, black, firm, moist.	3 ft	1.2	NS	2.5-3 ft
3.0 to 5.0 ft	Silty sand with clay and minor gravel, gray with orange mottling, firm, moist.	3-5 ft	1.0	NS	
5.0 to 10.0 ft	No recovery, pushed rock	9-10 ft	1.0	NS	
10.0 to 14.0 ft	Silty sand with clay and minor gravel, gray with orange	12.5 ft	1.4	NS	
	mottling, firm, moist.	14.5 ft	2.2	NS	14.5 ft
14.0 to 25.0 ft	Silty clay with minor gravel, gray, soft, moist.	17.5 ft	1.7	NS	
		20 ft	0.9	NS	
		22.5 ft	0.8	NS	
		25 ft	0.6	NS	
	Constructed temporary well in boring - screened from 10 to 25 ft bgs				
	Soil Sample Collection Depth				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-5
Location: South-center of the parcel
Date Completed: October 4, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 25 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 2.5 ft	Medium to fine sand with gravel, brown, firm, dry.	0-2.5 ft	1.3	NS	
2.5 to 5.0 ft	Silty sand with organic material (rootlets), brown to gray,	2.5-5 ft	2.4	NS	2.5-5 ft
	firm, moist.				
5.0 to 15.0 ft	Silty sand with clay and minor gravel, brown to gray, firm,	7.5 ft	1.4	NS	
	moist.	10 ft	1.2	NS	
		12.5 ft	1.7	NS	12.5 ft
		15 ft	2.1	NS	
15.0 to 21.5 ft	Silty clay with minor gravel, gray, soft, moist.	17.5 ft	1.2	NS	
		20 ft	0.8	NS	
21.5 to 23.0 ft	Silty clay with sand and gravel, gray, firm, moist.	22 ft	0.7	NS	
23.0 to 25.0 ft	Silty clay with minor gravel, gray, soft, moist.	25 ft	0.6	NS	
	Constructed temporary well in boring				
	- screened from 10 to 25 ft bgs				
	Soil Sample Collection Depth				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-6
Location: East-center portion of parcel
Date Completed: October 5, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 3.5 ft	Medium to fine sand with gravel, brown, firm, moist.	0-3.5 ft	0.1	NS	0-3.5 ft
2.5 to 10.0 ft	Silty sand with clay and minor gravel, brown to gray, firm,	5 ft	0.1	NS	
	moist.	7.5 ft	0.1	NS	
		10 ft	0.1	NS	
10.0 to 15.0 ft	Silty clay with minor gravel, gray, soft, moist.	12.5 ft	0.1	NS	
		15 ft	0.0	NS	
	Soil Sample Collection Depth				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-7
Location: North-center portion of parcel
Date Completed: October 5, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 3.0 ft	Gravelly silty sand with organics and cobbles, gray to brown, firm, dry.	0-3 ft	1.8	SS	0-3 ft
3.0 to 4.0 ft	Fine sandy clayey silt, gray, hard, moist.	4 ft	1.4	VSS	
4.0 to 5.5 ft	Silty gravelly fine to medium sand, gray (salt and pepper), firm, moist.	5 ft	1.6	SS	
		7.5 ft	1.0	VSS	
5.5 to 13.0 ft	Silty clay, brown with orange mottling, firm, moist.	12.5 ft	0.9	VSS	
13.0 to 15.0 ft	Silty clay, brown with orange mottling, hard, moist.				
	Soil Sample Collection Depth				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-8
Location: Southern boring in the NW quadrant
Date Completed: October 5, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 2.5 ft	Silty sand with gravel, brown, firm, dry.	0-2.5 ft	0.3	SS*	
2.5 to 9.0 ft	Silty sand with clay and minor gravel and organic material,	4 ft	2.2	NS	
	gray, firm, moist.	5 ft	0.7	NS	
		7.5 ft	4.7	NS	7.5 ft
9.0 to 15.0 ft	Silty clay with minor gravel, gray, firm, moist.	10 ft	0.2	NS	10.0 ft
		12.5 ft	0.2	NS	
		15 ft	0.2	NS	
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-9
Location: Center of northern half of property
Date Completed: October 5, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: ~7 ft
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 3.0 ft	Medium to fine sand with gravel and minor charcoal, dark brown, loose, dry.	0-3 ft	1.9	SS*	1.0 ft
3.0 to 4.0 ft	Silty sand with gravel and debris (brick), brown, firm, moist.	3-4 ft	1.4	VSS	
4.0 to 5.25 ft	Fine sandy silt, dark brown, firm, moist.	4-5 ft	39.3	SS	4-5 ft
5.25 to 7.0 ft	Silty clay with organics (rootlets), dark brown, soft, wet.	6.5-7 ft	3.1	VSS*	6.5-7 ft
7.0 to 15.0 ft	Silty clay with sand and gravel, brown with orange mottling, hard, moist.	9 ft 12.5 ft	1.1 1.0	NS NS	

Soil Sample Collection Depth

* - indicates a broken or weathered sheen

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-10
Location: Western boring in the NE quadrant
Date Completed: October 5, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 2.5 ft	Medium to fine sand with gravel, brown, firm, dry.	2 ft	0.1	NS	
2.5 to 5.0 ft	Silty sand with clay and gravel, brown, firm, moist.	4 ft	0.1	NS	
		5 ft	15.4	VSS	5.0 ft
5.0 to 15.0 ft	Silty sand with clay and minor gravel, brown to gray, firm,	7.5 ft	1.0	NS	7.5 ft
	moist.	10 ft	0.6	NS	
		15 ft	1.2	NS	

■ Soil Sample Collection Depth

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-11
Location: Northeast corner of parcel
Date Completed: October 5, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Sandy gravel.				
0.0 to 1.0 ft	Fill from pre-excavated area.	1 ft	0.0	NS	
1.0 to 3.0 ft	Gravelly silty sand, brown, firm, dry to moist (@3 ft).	1-3 ft	1.2	VSS*	
3.0 to 4.0 ft	Fine sandy silt with organics, brown to dark brown, hard, moist.	3-4 ft	0.9	VSS	
4.0 to 5.0 ft	Fine sandy silt with organics, brown with orange mottling, soft, moist.	4.5 ft	1.3	VSS	4-4.5 ft
5.0 to 15.0 ft	Fine sandy silt with organics, brown with orange mottling, hard, moist.	7.5 Ft	0.8	VSS	
	- gravelly sand lens present at 12 to 12.25 ft bgs	12.5 ft	0.5	NS	
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-12
Location: Center of property, 50 ft south of Sunset Drive.
Date Completed: October 5, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 5.0 ft	Silty sand with gravel and debris (brick and concrete), brown, firm, moist.	0-1.5 ft	1.1	NS	
5.0 to 7.5 ft	Silty sand with clay and some woody debris, gray, firm, moist.	5 ft	1.5	NS	5.0 ft
		7.5 ft	1.3	NS	
7.5 to 10.0 ft	Silty sand with clay, gray, firm, moist.	10 ft	1.0	NS	
		12.5 ft	1.0	NS	
10.0 to 15.0 ft	Silty clay with minor gravel, brown to gray, firm, moist.	15 ft	1.0	NS	

Soil Sample Collection Depth

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-13
Location: South of B-1, north center of property.
Date Completed: October 5, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 1.0 ft	Silty sandy gravel, brown, loose, dry (Newer Fill).	1 ft	0.0	NS	
1.0 to 1.5 ft	Sandy gravel, brown, loose, moist.	~1.25 ft	1.2	VSS*	
1.5 to 3.0 ft	Clayey gravelly sandy silt with organics and debris (brick), dark brown, firm, moist.	2.5 ft	0.9	VSS*	
3.0 to 5.0 ft	Clayey silt with fine sand and gravel, dark brown, soft, moist.	4 ft	2.1	VSS*	3.5-4 ft
5.0 to 7.5 ft	Clayey silt with minor gravel, dark gray with minor orange mottling, firm, moist.	6 ft	0.8	NS	
7.5 to 15.0 ft	Clayey silt with minor gravel, brown with minor orange mottling, hard, moist.	8.5 Ft 12.5 ft	0.8 0.7	NS NS	

Soil Sample Collection Depth

* - indicates a broken or weathered sheen

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NS = No Sheen; VSS = Very Slight Sheen; SS = Slight Sheen; MS = Moderate Sheen; HS = Heavy Sheen

GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-14
Location: Middle of NW quadrant, west of former dispenser area
Date Completed: October 5, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 7.5 ft	Silty sand with gravel, brown, firm, moist.	2.5 ft	1.6	NS	
		5 ft	1.2	NS	
		7.5 ft	555.0	SS	7.5 ft
		8.5 ft	80.1	VSS	
7.5 to 15.0 ft	Silty sand with clay and minor gravel, gray to brown, firm, moist.	10 ft	13.5	NS	
		11 ft	4.1	NS	11.0 ft
		12.5 ft	3.0	NS	
		15 ft	1.6	NS	

Soil Sample Collection Depth

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-15
Location: Northwest corner of property
Date Completed: October 5, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: ~12
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 1.0 ft	Sandy gravel fill, brown, loose, dry.	1 ft	0.0	VSS	
1.0 to 2.5 ft	Silty sandy gravel fill, brown, firm, moist.	2 ft	0.0	NS	
2.5 to 5.5 ft	Sandy gravelly silt with clay, brown, soft, moist.	3.5 ft	0	NS	
5.5 to 6.5 ft	Organic silty clay, black, hard, moist.	5.5-6.5 ft	0.3	VSS	5.5-6 ft
6.5 to 11.5 ft	Clayey silt with gravel, gray to brown with orange mottling,	8 ft	0.2	VSS	
	firm, moist.	10 ft	0.2	VSS	
11.5 to 12.0 ft	Highly organic silt, dark brown, soft, wet.	12 ft	0.6	NS	
12.0 to 15.0 ft	Silty clay, brown with orange mottling, hard, moist.	12.5 ft	0.0	NS	
	Soil Sample Collection Depth				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-16
Location: Southern parcel boundary - west boring
Date Completed: October 6, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 3.5 ft	Silty gravelly fine sand, brown, firm, dry.	2 ft	1.0	VSS*	
3.5 to 4.25 ft	Fine sandy silt with organics, reddish brown, firm, moist.	4 ft	1.2	NS	
4.25 to 10.0 ft	Clayey silt with sand and gravel, brown with orange mottling,	5 ft	1.1	VSS*	
	firm, moist.	8 ft	2.6	VSS*	
	- becomes hard by 9.5 ft	10 ft	2.1	VSS*	
10.0 to 15.0 ft	Silty clay with sand and minor gravel, brown, hard, moist.	12 ft	5.9	VSS*	12.5 ft
		15 ft	3.8	VSS*	14.75 ft
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-17
Location: East side of the south entrance road, east of utilities
Date Completed: October 6, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: ~7 ft
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Sandy gravel.				
0.0 to 1.5 ft	Silty sandy gravel, brown, loose, dry.	1 ft	1.1	VSS*	
1.5 to 7.0 ft	Clayey silt with sand, gravel, and organic material, brown,	3 ft	2.2	VSS*	
	soft, moist.	6 ft	2.1	VSS*	
7.0 to 9.0 ft	Silty clay, brown, soft, wet.	8 ft	2.3	NS	8-8.5 ft
9.0 to 10.0 ft	Gravelly sandy clayey silt, brown, firm, moist.	9.5 ft	1.6	VSS*	
10.0 to 15.0 ft	Gravelly silty clay, brown, soft, moist.	12.5 ft	1.9	NS	

Soil Sample Collection Depth

* - indicates a broken or weathered sheen

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-18
Location: Southeast portion of the property
Date Completed: October 6, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Sandy gravel.				
0.0 to 2.0 ft	Sandy silty gravel, brown, loose, dry.	1 ft	0.5	VSS*	
2.0 to 3.75 ft	Silty fine sand with gravel, brown, firm, dry.	3 ft	0.5	VSS*	
3.75 to 7.0 ft	Silty clay with sand and gravel, brown and gray at fractures	4 ft	0.5	NS	
	with minor orange mottling, hard, moist.	6 ft	0.5	NS	
7.0 to 12.0 ft	Silty clay with sand and gravel, brown, hard, moist.	7.5 ft	0.7	VSS	7.5 ft
12.0 to 15.0 ft	Silty clay with sand and gravel, gray, soft, moist.	13 ft	0.4	NS	
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-19
Location: Middle boring in southeast quadrant of the site
Date Completed: October 6, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Sandy gravel.				
0.0 to 1.5 ft	Silty sandy gravel, brown, loose, dry.	1 ft	0.2	VSS*	
1.5 to 3.5 ft	Fine to medium sandy gravelly silt, brown, firm, moist.	2.5-3 ft	9.1	VSS*	2.5-3 ft
3.5 to 9.5 ft	Silty clay with sand and gravel, brown with gray at fractures,	4.5 ft	0.2	NS	4.5-5 ft
	hard, moist.	8 ft	0.0	NS	
9.5 to 13.5 ft	Silty clay with sand and gravel, brown, hard, moist.	12.5	0.0	VSS	
13.5 to 15.0 ft	Silty clay with sand and gravel, gray, soft, moist.	14.5	0.0	VSS	
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-20
Location: Northwest boring in the SE quadrant
Date Completed: October 6, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Sandy gravel.				
0.0 to 1.0 ft	Silty sandy gravel, brown, loose, dry.				
1.0 to 6.0 ft	Silty sandy gravel, brown, loose, moist.	5 ft	5.1	SS*	4.5-5 ft
6.0 to 13.0 ft	Silty clay with sand and gravel, brown with orange mottling, hard, moist.	7.5 ft	7.5	VSS*	7-7.5 ft
		12.5 ft	4.9	NS	
13.0 to 15.0 ft	Silty clay with sand and gravel, brown, firm to soft, moist.				
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-21
Location: Northeastern boring in the southwest quadrant
Date Completed: October 6, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 2.5 ft	Silty sand with gravel, brown, firm, dry.	0-2.5 ft	1.1	VSS	0-2.5 ft
2.5 to 15.0 ft	Silty sand with clay and minor gravel, brown with gray at	4 ft	2.2	NS	
	fractures and orange mottling, firm, moist.	5 ft	2.1	NS	
	- 0.5 ft thick sand lens at 7.5 ft	7.5 ft	0.6	NS	7.5 ft
		8 ft	0.6	NS	
		10 ft	0.5	NS	
		12.5 ft	0.3	NS	
		15 ft	0.2	NS	

Soil Sample Collection Depth

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-22
Location: Northwestern boring in the southwest quadrant
Date Completed: October 6, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Sandy gravel and grass				
0.0 to 0.5 ft	Silty sandy gravel, brown, loose, dry.				
0.5 to 5.0 ft	Silty clay with sand and gravel, Brown with orange mottling, hard, moist.	5 ft	8.5	NS	2.5 ft
5.0 to 15.0 ft	Silty clay with sand and gravel, brown, hard, moist.	7.5 ft	5.1	VSS*	7-7.5 ft
		10 ft	0.4	NS	
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-23
Location: Northern boring in southwest quadrant
Date Completed: October 6, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: NA
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravelly sand.				
0.0 to 1.5 ft	Silty sand with gravel, brown, firm, dry.	1 ft	1.1	VSS	
1.5 to 2.0 ft	Silty sand with clay, black, firm, moist.	3 ft	2.2	NS	
		5 ft	2.1	NS	3 ft
2.0 to 4.0 ft	Silty clay, gray, firm, moist.	7.5 ft	0.6	NS	
		8 ft	0.6	NS	
4.0 to 15.0 ft	Silty clay, brown with minor orange mottling and gray at	10 ft	0.5	NS	
	fractures, firm, moist.	12.5 ft	0.3	NS	
		15 ft	0.2	NS	
	Soil Sample Collection Depth				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-24
Location: Northern boring in the southeast quadrant
Date Completed: October 6, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: 13 ft
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Sandy gravel.				
0.0 to 1.0 ft	Sandy gravel, brown, loose, dry.				
1.0 to 1.5 ft	Silty gravelly medium sand, gray, firm, moist.		4.1	VSS*	
1.5 to 3.0 ft	Silty gravelly fine to medium sand, brown, firm, moist.	2.5 ft	7.9	VSS*	2-2.5 ft
3.0 to 5.0 ft	Clayey silt with sand and gravel, brown, soft, moist.	4.75 ft	5.7	VSS*	
5.0 to 13.0 ft	Silty clay with sand and gravel, brown with orange mottling, firm, moist.	7.5 ft	2.7	VSS*	
		12 ft	2.9	NS	
13.0 to 15.0 ft	Silty clay with sand and gravel, gray, soft, sticky, wet.				
		14 ft	1.7	VSS	
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-25
Location: Southwestern boring in the southeast quadrant
Date Completed: October 6, 2022

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Matt R./Thom D.
First Encountered Water: N/A
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Silty sandy gravel.				
0.0 to 2.5 ft	Silty fine sandy gravel, reddish-brown, soft to loose, dry.		0.0	NS	
2.5 to 9.0 ft	Clayey silt with sand and gravel, brown with orange		4.3	VSS*	2.5-3 ft
	mottling, firm, moist.	6 ft	0.0	NS	
9.0 to 15.0 ft	Silty clay with gravel and minor sand, brown, firm, moist.		0.0	NS	
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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Hollow Stem Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-26
Location: Southwest boring at TCE area on southern fenceline
Date Completed: November 30, 2022

Sheet: 1 of 1
Drilled by: Cascade - Wes
Logged by: WES - Matt R.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Blow Count	PID (ppm)	Sheen	Sample
Surface	Grass	*Dames and Moore Split Spoon Sampler*			
2.5 to 3.0 ft	Silty sand with gravel and organic material (rootlets), dark brown, firm, moist.	9-10-12	0.4	NS	
3.0 to 4.0 ft	Silty sand with minor gravel, brown with orange mottling, firm, moist.		0.3	NS	
7.5 to 9.0 ft	Silty sand with minor gravel, brown with orange mottling, firm, moist.	11-13-12	0.4	NS	7.5 ft
12.5 to 14.0 ft	Silty sand with clay and minor gravel, brown with gray at fractures and minor orange mottling, firm, moist.	6-8-8	0.3	NS	13 ft
18.5 to 20.0 ft	Silty clay with minor gravel, gray, soft, moist.	5-6-8	0.6	NS	20 ft
	Soil Sample Collection Depth				

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Hollow Stem Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-27
Location: Southeast boring at TCE area on southern fenceline
Date Completed: November 30, 2022

Sheet: 1 of 1
Drilled by: Cascade - Wes
Logged by: WES - Matt R.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Blow Count	PID (ppm)	Sheen	Sample
Surface	Grass	*Dames and Moore Split Spoon Sampler*			
2.5 to 4.0 ft	Silty sand with gravel and organic material (rootlets), dark brown, loose, moist.	3-3-4	0.6	NS	
7.5 to 8.0 ft	Silty sand with gravel and organic material (rootlets), dark brown, loose, moist.	5-11-14	1.1	NS	7.5 ft
8.0 to 9.0 ft	Silty sand with clay and gravel, brown with orange mottling, firm, moist.		28.0	NS	8.5 - 9.0 ft
12.5 to 14.0 ft	Silty sand with clay and gravel, brown with orange mottling, firm, moist.	6-10-12	42.0	NS	12.5 - 13 ft
18.5 to 20.0 ft	Silty clay with minor gravel, gray, soft, moist.	3-4-3	1.0	NS	20 ft
NOTE:	On 3-6-2023, three targeted depth GeoProbe borings were drilled at the B-27 boring location to collect TCE contaminated soil for Waste Characterization. The three locations were located ~1-ft. to the North, East, and West of the original boring location. Sample descriptions are provided below.				
	B-27 West 11-13 ft - 1150a - VSS - 8.4 ppm Silty clay with sand and gravel, brown, firm, moist.				
	B-27 East 12-14 ft - 1210p - VSS - 79.4 ppm Silty clay with sand and gravel, brown, firm, moist.				
	B-27 North 12-14 ft - 1230p - VSS - 29.5 ppm Silty clay with sand and gravel, brown, firm, moist.				
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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Hollow Stem Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-28
Location: Center of TCE area at southern fenceline
Date Completed: November 30, 2022

Sheet: 1 of 1
Drilled by: Cascade - Wes
Logged by: WES - Matt R.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Blow Count	PID (ppm)	Sheen	Sample
Surface	Grass	*Dames and Moore Split Spoon Sampler*			
2.5 to 3.0 ft	Silty sand with gravel and organic material (rootlets), dark brown, loose, moist.	4-6-8	0.1	VSS	
3.0 to 4.0 ft	Silty sand, brown with orange mottling, firm, moist.		0.3	NS	
7.5 to 9.0 ft	Silty sand with gravel, brown with orange mottling, firm, moist.	8-10-12	0.9	NS	7.5 - 8 ft
12.5 to 14.0 ft	Silty sand with gravel, brown with orange mottling, firm, moist.	5-7-7	1.6	NS	12.5 - 13 ft
18.5 to 20.0 ft	Silty clay with minor gravel, gray, soft, moist.	4-5-5	0.3	NS	20 ft

Soil Sample Collection Depth

* - indicates a broken or weathered sheen

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Hollow Stem Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-29
Location: Northwest boring at TCE area on southern fenceline
Date Completed: November 30, 2022

Sheet: 1 of 1
Drilled by: Cascade - Wes
Logged by: WES - Matt R.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Blow Count	PID (ppm)	Sheen	Sample
Surface	Grass	*Dames and Moore Split Spoon Sampler*			
2.5 to 3.0 ft	Silty sand with gravel and organic material (rootlets), dark brown, firm, moist.	3-3-5	0.4	NS	
3.0 to 4.0 ft	Silty sand with minor gravel, brown with orange mottling, firm, moist.		0.2	NS	
7.5 to 9.0 ft	Silty sand with gravel and black colored charcoal like material, brown with orange mottling, firm, moist.	7-12-14	0.5	NS	7.5 - 8 ft
12.5 to 14.0 ft	Silty sand with gravel, brown with orange mottling, firm, moist.	6-6-5	0.6	NS	12.5 - 13 ft
18.5 to 20.0 ft	Silty clay with minor gravel, gray, soft, moist.	4-4-6	0.3	NS	19.5 - 20 ft
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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Hollow Stem Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-30
Location: Northeast boring at TCE area on southern fenceline
Date Completed: November 30, 2022

Sheet: 1 of 1
Drilled by: Cascade - Wes
Logged by: WES - Matt R.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Blow Count	PID (ppm)	Sheen	Sample
Surface	Grass	*Dames and Moore Split Spoon Sampler*			
2.5 to 4.0 ft	Silty sand with gravel and organic material (rootlets), brown, firm, moist.	5-4-4	0.4	VSS*	
7.5 to 9.0 ft	Silty sand with gravel and organic material (rootlets), brown, firm, moist.	4-3-3	0.3	VSS*	7.5 - 8 ft
12.5 to 14.0 ft	Silty sand with gravel, brown with orange mottling, firm, moist.	7-12-14	1.0	NS	12.5 - 13 ft
18.5 to 20.0 ft	Silty clay with minor gravel, gray, soft, moist.	5-5-4	0.4	NS	19.5 - 20 ft
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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Hollow Stem Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-31
Location: Western boring at TCE area on southern fenceline
Date Completed: December 2, 2022

Sheet: 1 of 1
Drilled by: Cascade - Wes
Logged by: WES - Matt R.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Blow Count	PID (ppm)	Sheen	Sample
Surface	Grass	*Dames and Moore Split Spoon Sampler*			
2.5 to 4.0 ft	Silty sand with gravel, brown with orange mottling, firm, moist.	7-11-12	0.1	NS	
7.5 to 9.0 ft	Silty sand with gravel, brown with orange mottling, firm, moist.	6-10-11	0.1	NS	7.5 - 8 ft
12.5 to 14.0 ft	Silty sand with clay and minor gravel, brown, firm, moist.	4-4-6	0.1	NS	13 ft
18.5 to 20.0 ft	Silty clay with minor gravel, gray, soft, moist.	5-4-5	0.2	NS	19 ft

Soil Sample Collection Depth

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Hollow Stem Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-32
Location: Near center of southwestern quadrant of property
Date Completed: December 2, 2022

Sheet: 1 of 1
Drilled by: Cascade - Wes
Logged by: WES - Matt R.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Blow Count	PID (ppm)	Sheen	Sample
Surface	Grass	*Dames and Moore Split Spoon Sampler*			
2.5 to 3.0 ft	Silty sand with gravel and organic material (rootlets), dark brown, firm, dry.	7-6-7	0.2	NS	
3.0 to 4.0 ft	Silty sand with gravel, brown with orange mottling, firm, moist.		0.1	NS	
7.5 to 9.0 ft	Silty sand with gravel, brown with orange mottling and gray at fractures, firm, moist.	7-10-10	0.1	NS	7.5 ft
12.5 to 14.0 ft	Silty clay with minor gravel, brown with gray at fractures, firm, moist.	3-5-5	0.1	NS	13 ft
18.5 to 20.0 ft	Silty clay with minor gravel, gray, soft, moist.	5-4-5	0.1	NS	19 ft
	Soil Sample Collection Depth				

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NS = No Sheen; VSS = Very Slight Sheen; SS = Slight Sheen; MS = Moderate Sheen; HS = Heavy Sheen

Hollow Stem Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-33
Location: Near center of southwestern quadrant of property
Date Completed: December 2, 2022

Sheet: 1 of 1
Drilled by: Cascade - Wes
Logged by: WES - Matt R.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Blow Count	PID (ppm)	Sheen	Sample
Surface	Grass	*Dames and Moore Split Spoon Sampler*			
2.5 to 2.75 ft	Sandy gravel, brown, firm, moist.	3-4-8	0.2	NS	
2.75 to 4.0 ft	Silty sand with gravel, gray, firm, moist.		0.1	NS	3 ft
7.5 to 9.0 ft	Silty sand with gravel, brown with orange mottling and gray at fractures, firm, moist.	5-6-9	0.4	NS	7.5 ft
12.5 to 14.0 ft	Silty clay with minor gravel, brown, firm, moist.	4-4-5	0.1	NS	12.5 ft
18.5 to 20.0 ft	Silty clay with minor gravel, gray, soft, moist.	5-3-5	0.1	NS	19 ft

Soil Sample Collection Depth

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-34
Location: West end of shoulder of Illinois St., on North side of street
Date Completed: January 11, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Grass.				
		1'	0.8	VSS	
0.0 to 1.5 ft	Organic silty sand with gravel and rootlets, dark brown, firm,				
	moist.	2'	0.7	VSS	
1.5 to 3.0 ft	Organic clayey silt, dark brown, soft, moist.	3'	0.3	NS	
3.0 to 4.0 ft	Clayey silt with minor gravel, brown with orange mottling,	4'	1.0	NS	
	firm, moist.				
		5'	1.0	VSS	
4.0 to 6.5 ft	Fine sandy silt with minor gravel, brown, firm, moist.				
		6'	0.9	NS	
6.5 to 10.5 ft	Fine sandy silt with minor clay, brown, firm, moist.		2.1	NS	7.5-8 ft
10.5 to 17.5 ft	Silty clay, brown, hard, moist.		3.1	NS	12.5-13 ft
17.5 to 20.0 ft	Silty clay with sand and gravel, gray, soft, moist.		1.2	NS	19-19.5 ft
	Soil Sample Collection Depth				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-35
Location: Near telephone pole on west side of southern entry gate
Date Completed: January 11, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Grass.				
		1'	1.8	VSS	
0.0 to 1.5 ft	Organic fine sandy silt with rootlets, dark brown, loose,				
	moist.	2'	3.0	VSS	
1.5 to 4.0 ft	Organic silty medium sand with gravel, brown with orange	3'	1.3	VSS*	
	mottling, soft, moist.				
		4'	1.6	VSS*	
4.0 to 7.0 ft	Fine sandy silt, brown with orange mottling, firm, moist.				
		5'	0.7	NS	
		6'	0.5	NS	
7.0 to 18.0 ft	Silty clay with minor gravel, brown, firm, moist.		1.5	NS	7.5-8 ft
			6.4	NS	12.5-13 ft
17.5 to 20.0 ft	Silty clay with sand and gravel, gray, soft, moist.		2.4	NS	19-19.5 ft

Soil Sample Collection Depth

* - indicates a broken or weathered sheen

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-36
Location: In So. entry between Water main and Sanitary Sewer lines
Date Completed: January 11, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Pea gravel				
		1'	1.9	VSS	
0.0 to 1.5 ft	Organic fine sandy silt, dark brown, soft, moist.				
		2'	1.0	VSS	
1.5 to 4.0 ft	Clayey fine sandy silt with gravel, brown with minor orange				
	mottling, firm, moist.	3'	1.0	NS	
4.0 to 10.5 ft	Clayey fine sandy silt with gravel, brown, firm, moist.	4'	1.9	VSS*	
		5'	1.2	NS	
			2.3	NS	7.5-8 ft
10.5 to 16.0 ft	Clayey silt with minor gravel, brown, firm, moist.		5.4	NS	12.5-13 ft
16.0 to 17.5 ft	Gravelly sand with silt and clay, brown, hard, moist.		3.1	VSS*	
17.5 to 20.0 ft	Silty clay, gray, soft, moist.		2.1	NS	19-19.5 ft

Soil Sample Collection Depth

* - indicates a broken or weathered sheen

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-37
Location: In North Shoulder of Illinois St., East of entry
Date Completed: January 11, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Pea gravel				
		1'	1.5	VSS*	
0.0 to 2.5 ft	Silty fine sand, gray to light brown, soft, moist.				
		2'	2.3	VSS*	
		3'	2.9	NS	
2.5 to 6.5 ft	Fine sandy clayey silt, brown with orange mottling, firm,				
	moist.	4'	2.4	NS	
		5'	2.5	NS	
6.5 to 14.0 ft	Fine sandy clayey silt, brown, firm, moist.		1.8	NS	7.5-8 ft
			1.5	VSS	12.5-13 ft
14.0 to 17.0 ft	Sandy gravelly clayey silt, brown, firm, moist.				
17.0 to 20.0 ft	Sandy silty clay, gray, soft, moist.		0.9	NS	19-19.5 ft
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-38
Location: West side of line of borings in the center of Illinois St.
Date Completed: January 12, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	~4" of Asphalt				
		1'	45.8	SS	
0.0 to 1.5 ft	Sandy angular gravel with silt, dark brown, hard, moist.				
		2'	2.8	VSS*	
1.5 to 2.5 ft	Gravelly sandy clayey silt, brown with minor orange mottling,				2.5-3 ft
	firm, moist.	3'	1.7	VSS*	
2.5 to 4.5 ft	Fine sandy clayey silt with minor gravel, brown with orange	4'	2.2	NS	
	mottling, firm, moist.				
			3.1	VSS	7.5-8 ft
4.5 to 13.5 ft	Silty clay with gravel and sand, brown, hard, moist.				
			2.2	NS	12.5-13 ft
13.5 to 16.0 ft	Gravelly sandy silty clay, brown, firm, moist.				
16.0 to 20.0 ft	Gravelly sandy silty clay, gray, soft, moist.		2.2	NS	19-19.5 ft

Soil Sample Collection Depth

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-39
Location: Near Sanitary Sewer manhole in middle of Illinois St.
Date Completed: January 12, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: ~7 ft bgs
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Asphalt - ~2"				
		1'	2.9	SS	
0.0 to 8.0 ft	Silty gravelly medium sand, brown, firm, moist.				
	- backfill material surrounding manhole risers	2'	3.3	SS*	
	- perched water encountered @ ~7' bgs above silty clay				
		4'	3.2	SS*	
8.0 to 17.0 ft	Gravelly sandy silty clay, brown, hard to firm, moist.		1.8	VSS	8-8.5 ft
17.0 to 20.0 ft	Silty clay wioth sand and gravel, gray, soft, moist.		1.9	VSS	12.5-13 ft
			2.2	VSS	19-19.5 ft

Soil Sample Collection Depth

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-40
Location: Eastern side of boring line in the middle of Illinois St.
Date Completed: January 12, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Asphalt - ~4"				
		1'	14.0	VSS*	
0.0 to 3.0 ft	Sandy angular gravel with silt, dark gray, firm, moist.				
		2'	108.4	SS*	
3.0 to 4.0 ft	Fine sandy gravelly clayey silt, brown, firm, moist.				
		3'	6.8	VSS*	
4.0 to 5.0 ft	Fine sandy clayey silt with minor gravel, brown with orange				
	mottling, firm, moist.	4'	4.0	VSS*	
5.0 to 15.0 ft	Silty clay with sand and minor gravel, brown, hard, moist.		1.5	NS	7.5-8 ft
15.0 to 20.0 ft	Gravelly sandy silty clay, gray, soft, moist.		2.3	VSS	12.5-13 ft
			2.8	VSS	19-19.5 ft

Soil Sample Collection Depth

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-41
Location: Eastern side of boring line in the middle of Illinois St.
Date Completed: January 12, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Silty sandy gravel.				
		1'	236.2	SS	
0.0 to 2.5 ft	Sandy silty angular gravel, dark gray, loose, moist.				
		2'	6.5	VSS*	
2.5 to 8.5 ft	Clayey silt with sand and gravel, brown with orange				
	mottling, firm, moist.	3'	2.8	NS	
8.5 to 13.5 ft	Clayey silt with sand and minor gravel, brown, firm, moist.	4'	3.0	NS	
13.5 to 18.0 ft	Fine sandy silty clay with minor gravel, brown, firm, moist.		2.9	VSS*	7.5-8 ft
18.0 to 20.0 ft	Silty clay with sand and minor gravel, gray, soft, moist.		2.3	VSS*	12.5-13 ft
			2.3	VSS*	19-19.5 ft

Soil Sample Collection Depth

* - indicates a broken or weathered sheen

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-42
Location: In north shoulder of Illinois St. east of southern entry gate
Date Completed: January 12, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Grass and blackberries				
		1'	3.7	VSS*	
0.0 to 3.5 ft	Clayey sandy silt, brown, soft, moist.				
		2'	3.1	VSS*	
3.5 to 5.0 ft	Fine sandy clayey silt with gravel, brown with orange				
	mottling, firm, moist.	3'	1.8	VSS*	
5.0 to 7.0 ft	Silty clay with minor gravel, brown with orange mottling,	4'	3.0	NS	
	firm, moist.				
			2.2	VSS	7.5-8 ft
7.0 to 14.0 ft	Silty clay with minor gravel, brown, firm, moist.				
			2.1	VSS	12.5-13 ft
14.0 to 20.0 ft	Silty clay with sand and gravel, gray, soft, moist.				
			2.2	VSS	19-19.5 ft

Soil Sample Collection Depth

* - indicates a broken or weathered sheen

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-43
Location: West side of the boring line in the middle of Illinois St.
Date Completed: January 13, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Asphalt - ~4"				
		1'	28.0	VSS*	
0.0 to 2.5 ft	Silty sandy angular gravel with minor clay, dark gray, loose,				
	moist.	2'	0.9	VSS	
2.5 to 4.5 ft	Fine sandy silt with clay, dark gray, firm, moist.	3'	0.8	NS	
4.5 to 7.0 ft	Sandy gravelly clayey silt, brown, hard, moist.	4'	1.2	NS	
7.0 to 12.0 ft	Sandy gravelly clayey silt, brown with minor orange mottling,		1.1	NS	7.5-8 ft
	hard, moist.				
12.0 to 13.0 ft	Sandy gravelly clayey silt with minor gravel, brown with				
	minor orange mottling, hard, moist.		1.1	NS	12.5-13 ft
13.0 to 16.0 ft	Sandy gravelly clayey silt with minor gravel, brown, hard,				
	moist.				
16.0 to 20.0 ft	Sandy gravelly clayey silt with minor gravel, gray, soft,		0.8	NS	19-19.5 ft
	moist.				
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-44
Location: In southern shoulder of Illinois St., west of alley entrance
Date Completed: January 13, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravel - ~0.5'				
		1'	2.8	VSS	
0.5 to 4.0 ft	Organic fine sandy silt with clay and minor gravel, brown,				
	firm, moist.	2'	3.0	VSS	
4.0 to 7.0 ft	Fine sandy silt with clay and minor gravel, brown, firm,	3'	1.8	VSS*	
	moist.				
		4'	2.9	NS	
7.0 to 11.0 ft	Sandy clayey silt with minor gravel, brown with orange				
	mottling, firm, moist.		1.2	NS	7.5-8 ft
11.0 to 14.5 ft	Sandy silty clay with minor gravel, brown with orange				
	mottling, hard, moist.		1.3	NS	12.5-13 ft
14.5 to 17.5 ft	Sandy silty clay with minor gravel, brown, soft, moist.				
17.5 to 19.0 ft	Sandy silty clay with minor gravel, gray, soft, moist.				
19.0 ft to 20.0 ft	Gravelly sandy silty clay, gray, soft, moist.		2.0	NS	19-19.5 ft
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-45
Location: In southern shoulder of Illinois St., east of alley entrance
Date Completed: January 13, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: ~11.5 ft bgs
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Silty sandy gravel.				
		1'	2.8	VSS	
0.0 to 2.5 ft	Organic fine sandy silt with clay and minor gravel, dark brown,				
	firm, moist.	2'	1.7	NS	
2.5 to 8.0 ft	Sandy clayey silt with gravel, brown with orange mottling,	3'	2.6	NS	
	firm, moist.				
		4'	1.7	NS	
8.0 to 11.5 ft	Sandy clayey silt with gravel, brown, hard, moist.				
			1.7	NS	7.5-8 ft
11.5 to 11.75 ft	Clayey silty fine sand, brown, soft, wet.				
11.75 to 16.0 ft	Silty clay with sand and minor gravel, brown, firm, moist.		1.7	NS	12.5-13 ft
16.0 to 17.0 ft	Silty clay with sand and minor gravel, brown, soft, moist.				
17.0 to 20.0 ft	Silty clay with sand and minor gravel, gray, soft, moist.		1.9	NS	19-19.5 ft

Soil Sample Collection Depth

* - indicates a broken or weathered sheen

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-46
Location: On the east end of the southern shoulder of Illinois St.
Date Completed: January 13, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: Surface
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Sandy gravel - ~0.5'				
		1'	2.4	VSS*	
0.5 to 1.5 ft	Organic fine sandy silt, dark brown, firm, moist.				
		2'	2.5	VSS*	
2.5 to 4.5 ft	Clayey silt with sand and gravel, brown with orange				
	mottling, firm, moist.	3'	1.9	NS	
4.5 to 14.0 ft	Silty sandy clay with minor gravel, brown with orange	4'	2.8	NS	
	mottling, hard to firm, moist.				
			3.0	NS	7.5-8 ft
14.0 to 16.0 ft	Silty sandy clay with minor gravel, brown with minor orange		1.5	NS	12.5-13 ft
	mottling, hard to firm, moist.				
16.0 to 20.0 ft	Silty sandy clay with minor gravel, gray, soft, moist.		1.9	VSS	19-19.5 ft
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-47
Location: Eastern side of boring line in the middle of Illinois St.
Date Completed: January 13, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Asphalt - ~4"				
		1'	6.5	VSS*	
0.5 to 2.5 ft	Organic sandy silt with gravel, dark brown, firm, moist.				
		2'	4.2	VSS*	
2.5 to 4.0 ft	Sandy clayey silt with gravel, brown with orange mottling,				
	firm, moist.	3'	2.2	VSS	
4.0 to 8.5 ft	Gravelly sandy silty clay, brown with orange mottling, hard,	4'	2.0	VSS	
	moist.				
			2.0	VSS	7.5-8 ft
8.5 to 12.0 ft	Gravelly sandy silty clay, brown with minor orange mottling,				
	firm, moist.				
12.0 to 16.0 ft	Gravelly sandy silty clay, brown, firm, moist.		2.9	VSS	12.5-13 ft
16.0 to 18.0 ft	Gravelly sandy silty clay, brown, soft, moist.				
18.0 to 20.0 ft	Gravelly sandy silty clay, gray, soft, moist.		1.8	VSS	19-19.5 ft

Soil Sample Collection Depth

* - indicates a broken or weathered sheen

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-48
Location: Inside fenceline to the north of the TCE contaminated area
Date Completed: January 16, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Sand and gravel, asphalt pieces				
	Poor recovery of top 5 ft - approximately 1/2 of the probe liner recovered				
0.0 to 5.0 ft	Organic sandy gravel with rootlets, dark brown, firm, moist.		0.0	VSS	
5.0 to 10.0 ft	Clayey silt with gravel, brown with orange mottling, hard, moist.		0.8	NS	7.5-8 ft
10.0 to 15.0 ft	Clayey silt with gravel, brown, hard, moist.		1.1	NS	12.5-13 ft
	Poor recovery of bottom 5 ft - approximately 3/4 of the probe liner recovered				
15.0 to 20.0 ft	Clayey silt with gravel, brown, soft, moist.		0.7	VSS*	19-19.5 ft
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-49
Location: Inside fenceline, NE boring east of utility lines, NE of TCE Area
Date Completed: January 16, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: ~8 ft bgs
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Sand and gravel with clay and silt				
0.0 to 1.0 ft	Gravel, gray, loose, moist.		0.0	NS	
1.0 to 2.5 ft	Medium to fine sand with gravel, brown, firm, moist.		0.0	NS	
2.5 to 8.0 ft	Clayey silt with sand and gravel, brown with orange mottling, firm, moist.		1.0	NS	7.5-8 ft
8.0 to 13.0 ft	Silty fine sand with gravel and clay, brown, soft, wet.		1.3	NS	12.5-13 ft
13.0 to 17.0 ft	Silty clay, gray, firm, moist.				
17.0 to 20.0 ft	Silty clay, gray, soft, moist.		1.6	NS	19-19.5 ft
	Soil Sample Collection Depth				

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NS = No Sheen; VSS = Very Slight Sheen; SS = Slight Sheen; MS = Moderate Sheen; HS = Heavy Sheen

GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-50
Location: Northeast of southern entry gate, East of utility lines
Date Completed: January 16, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Silty sandy gravel				
	Poor recovery of the top 5 ft. Approximately 1/4 of probe liner recovered.				
0.0 to 5.0 ft	Organic sandy gravel to gravelly sand, dark brown to brown, firm, moist.		0.3	VSS*	
	Poor recovery of the 5 to 10 ft. interval. Approximately 1/2 of probe liner recovered. Shaved off rock obstruction. - Stepped East ~13" and recollected core for sample - 5-10 ft interval became stuck in probe rod and couldn't recover. No sample at 7.5-8 ft bgs				
5.0 to 10.0 ft	- No recovery (brown clayey silt was recovered with the initial poor recovery drive before stepping east)		0.4	VSS	
	Poor recovery of the 10 to 15 ft. interval. Approximately 2/3 of probe liner recovered. Shaved off rock obstruction. - Stepped East ~13" and recollected core for sample				
10.0 to 17.0 ft	Clayey silt with gravel, brown, firm, moist.		3.2	NS	12.5-13 ft
17.0 to 20.0 ft	Clayey silt with gravel, gray, soft, moist.		2.7	NS	19-19.5 ft
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-51
Location: Southern boring between the Sanitary and Water lines, So. Gate
Date Completed: January 16, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: ~8 ft bgs
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Sandy gravel				
0.0 to 11.0 ft	Gravelly sand, brown, firm, moist to wet.		0.0	SS*	
	- Water perched above silty clay at 8 ft bgs				
11.0 to 17.0 ft	Fine sandy silty clay with minor gravel, brown, firm, moist.		1.7	NS	12.5-13 ft
17.0 to 20.0 ft	Fine sandy silty clay with minor gravel, gray, soft, moist.		1.5	NS	19-19.5 ft
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-52
Location: Northern boring between the Sanitary and Water lines, So. Gate
Date Completed: January 16, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 15 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Silty sandy gravel.				
0.0 to 4.5 ft	Gravelly sand, brown, firm, moist.		0.7	VSS	
4.5 to 11.0 ft	Clayey sandy silt with gravel, brown, firm, moist.		1.1	NS	7.5-8 ft
11.0 to 12.0 ft	Silty clay with sand and gravel, brown, firm, moist.		1.7	NS	12.5-13 ft
12.0 to 15.0 ft	Silty clay with sand and gravel, gray, soft, moist.		1.2	NS	14.5-15 ft
	Cascade Drilling mistakenly stopped at 15' and chipped up the boring. Collected from 14.5 to 15' for lowest interval.				
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-53
Location: Inside fenceline, Northern boring east of Storm sewer, south gate
Date Completed: January 17, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Sandy gravel.				
0.0 to 1.5 ft	Clayey sandy gravelly silt, brown, soft, wet.		0.0	NS	
	- reworked native soil related to DirtWorks soil stockpile located in this area				
1.5 to 4.0 ft	Organic sandy silt with gravel and minor clay, dark brown, soft, moist.		0.0	VSS	
4.0 to 5.0 ft	Silty clay with sand and gravel, gray, firm, moist.		0.3	VSS	
5.0 to 11.0 ft	Silty clay with sand and gravel, brown with orange mottling, firm, moist.		1.7	NS	7.5-8 ft
11.0 to 14.0 ft	Silty clay with sand and gravel, brown, firm, moist.		2.3	VSS	12.5-13 ft
14.0 to 20.0 ft	Silty clay with sand and gravel, gray, soft, moist.		1.2	VSS	19-19.5 ft

Soil Sample Collection Depth

* - indicates a broken or weathered sheen

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-54
Location: North of MW-1 and ~15 ft east of the Storm sewer near south gate
Date Completed: January 17, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: ~10 ft bgs
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Reworked native material below DirtWorks clean soil stockpile.				
0..0 to 4.5 ft	Gravelly silty sand, brown, firm, moist.		0.6	VSS	
4.5 to 10.0 ft	Fine sandy silty clay with gravel, brown with orange mottling, hard, moist.		1.6	VSS	7.5-8 ft
10.0 to 11.0 ft	Clayey silty fine sand with gravel, brown, soft, wet.				
11.0 to 13.0 ft	Fine sandy silty clay with gravel, brown with orange mottling, firm, moist.		1.7	VSS	12.5-13 ft
13.0 to 14.5 ft	Fine sandy silty clay with gravel, brown, firm, moist.				
14.5 ft to 17.0 ft	Fine sandy silty clay with gravel, gray, firm, moist.				
17.0 to 20.0 ft	Fine sandy silty clay with gravel, gray, soft, moist.		1.2	VSS	19-19.5 ft
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-55
Location: In north shoulder of Illinois St. east of southern entry gate
Date Completed: January 17, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Grass and blackberries				
3.5 to 5.0 ft	Sandy clayey silt with gravel, brown with orange mottling, firm, moist.		0.2		
5.0 to 10.0 ft	Sandy clayey silt with gravel, brown, firm, moist		2.1	NS	8.5-9 ft
10.0 to 14.0 ft	Sandy clayey silt with gravel, brown with minor orange		1.6	VSS	12.5-13 ft
14.0 to 17.0 ft	Silty clay with sand and gravel, gray, firm, moist.				
17.0 to 20.0 ft	Silty clay with sand and gravel, gray, soft, moist.		1.5	VSS	19-19.5 ft

Soil Sample Collection Depth

* - indicates a broken or weathered sheen

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: B-56
Location: Inside fence at SE corner of site, at B-25 location for TCE analysis
Date Completed: January 17, 2023

Sheet: 1 of 1
Drilled by: Cascade - Tim W.
Logged by: WES - Thom D.
First Encountered Water: Surface-1'
Total Depth: 20 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Grass				
0.0 to 1.0 ft	Sandy silty clay, reddish-brown, soft, wet.		0.0	VSS	
	- may be reworked native material from DirtWorks clean soil stockpile				
1.0 to 4.5 ft	Silty sand with gravel, brown with orange mottling, firm, moist.		0.0	VSS	
4.5 to 7.0 ft	Silty clay with sand and gravel, brown with orange mottling, hard, moist.				
7.0 to 9.0 ft	Silty clay with sand and gravel, brown, hard, moist.		1.0	NS	7.5-8 ft
9.0 to 15.0 ft	Silty clay with sand and gravel, brown, firm, moist.		2.1	NS	12.5-13 ft
15.0 to 17.0 ft	Silty clay with sand and gravel, gray, firm, moist.				
17.0 to 20.0 ft	Silty clay with sand and gravel, gray, soft, moist.		2.1	VSS	19-19.5 ft
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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Hollow Stem Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: MW-1
Location: East of utilities at the southern entrance off Illinois St.
Date Completed: December 1, 2022

Sheet: 1 of 1
Drilled by: Cascade - Wes
Logged by: WES - Matt R.
First Encountered Water: N/A
Total Depth: 25 ft

Depth	Description	Blow Count	PID (ppm)	Sheen	Sample
Surface	Sandy gravel.	*Dames and Moore Split Spoon Sampler*			
2.5 to 4.0 ft	Silty sand with gravel, brown with orange mottling, firm, moist.	13-13-15	0.2	NS	
7.5 to 9.0 ft	Silty sand with gravel, brown with orange mottling, firm, moist.	5-10-12	0.1	NS	
12.5 to 14.0 ft	Silty sand with clay and minor gravel, brown with orange mottling, firm, moist.	4-4-6	0.1	NS	12.5 - 13 ft
17.5 to 19.0 ft	Silty clay with minor gravel, gray, soft, moist.	5-4-5	0.3	NS	19 ft
22.5 to 24.0 ft	Silty clay with minor gravel, gray, soft, moist.	5-5-6	0.2	NS	

Soil Sample Collection Depth

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Hollow Stem Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: MW-2
Location: West of utilities at southern entrance off Illinois St.
Date Completed: December 1, 2022

Sheet: 1 of 1
Drilled by: Cascade - Wes
Logged by: WES - Matt R.
First Encountered Water: N/A
Total Depth: 25 ft

Depth	Description	Blow Count	PID (ppm)	Sheen	Sample
Surface	Sandy gravel.	*Dames and Moore Split Spoon Sampler*			
2.5 to 4.0 ft	Silty sand with minor gravel, brown with orange mottling, firm, moist.	10-11-13	0.2	NS	3.5 - 4 ft
7.5 to 9.0 ft	Silty sand with minor gravel, brown with orange mottling, firm, moist.	11-16-16	0.2	NS	
12.5 to 14.0 ft	Silty sand with clay and minor gravel, brown, firm, moist.	5-7-8	0.2	NS	12.5 - 13 ft
17.5 to 19.0 ft	Silty clay with minor gravel, gray, soft, moist.	4-6-9	0.2	NS	19 ft
22.5 to 24.0 ft	Silty clay with minor gravel, gray, soft, moist.	5-5-6	0.2	NS	

Soil Sample Collection Depth
* - indicates a broken or weathered sheen

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Hollow Stem Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: MW-3
Location: Middle of southwest quadrant
Date Completed: December 1, 2022

Sheet: 1 of 1
Drilled by: Cascade - Wes
Logged by: WES - Matt R.
First Encountered Water: N/A
Total Depth: 25 ft

Depth	Description	Blow Count	PID (ppm)	Sheen	Sample
Surface	Sandy gravel.	*Dames and Moore Split Spoon Sampler*			
2.5 to 4.0 ft	Silty sand with minor gravel, brown with orange mottling, firm, moist.	13-15-16	0.2	NS	3.5 - 4 ft
7.5 to 9.0 ft	Silty sand with minor gravel, brown with orange mottling, firm, moist.	9-9-16	0.2	NS	
12.5 to 13.5 ft	Silty sand with clay and minor gravel, brown, firm, moist.	5-5-8	0.3	NS	13 - 13.5 ft
13.5 to 14.0 ft	Silty clay with minor gravel, gray, soft, moist.		0.2	NS	
17.5 to 19.0 ft	Silty clay with minor gravel, gray, soft, moist.	7-8-8	0.2	NS	19 ft
22.5 to 24.0 ft	Silty clay with minor gravel, gray, soft, moist.	7-6-8	0.2	NS	

Soil Sample Collection Depth
* - indicates a broken or weathered sheen

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Hollow Stem Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: MW-4
Location: Middle of southeast quadrant
Date Completed: December 1, 2022

Sheet: 1 of 1
Drilled by: Cascade - Wes
Logged by: WES - Matt R.
First Encountered Water: N/A
Total Depth: 25 ft

Depth	Description	Blow Count	PID (ppm)	Sheen	Sample
Surface	Sandy gravel.	*Dames and Moore Split Spoon Sampler*			
2.5 to 4.0 ft	Silty sand with minor gravel, brown with orange mottling, firm, moist.	6-6-8	0.5	NS	2.5 ft
7.5 to 9.0 ft	Silty sand with minor gravel, brown with orange mottling, firm, moist.	6-5-7	0.2	NS	
12.5 to 14.0 ft	Silty sand with clay and minor gravel, brown, firm, moist.	5-3-5	0.2	NS	13.5 - 14 ft
17.5 to 19.0 ft	Silty sand with clay and minor gravel, gray, soft, moist.	4-4-5	0.2	NS	
22.5 to 24.0 ft	Silty sand with clay and minor gravel, gray, soft, moist.	3-3-4	0.1	NS	19 ft

Soil Sample Collection Depth

* - indicates a broken or weathered sheen

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: SV-1
Location: In southern shoulder of Illinois St., west of alley entrance
Date Completed: March 6, 2023

Sheet: 1 of 1
Drilled by: Cascade - Scott B.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 6.5 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Gravel - ~0.5'				
0.5 to 2.0 ft	Organic fine sandy silt with clay and minor gravel, brown, soft, moist.		0.0	VSS*	
4.0 to 6.5 ft	Fine sandy silt with clay, gravel, and minor organics, brown with orange mottling, firm, moist.		0.0	VSS*	
	Soil Sample Collection Depth				
	* - indicates a broken or weathered sheen				

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GeoProbe Boring Log

Project: Sunset Commons - 512 E. Sunset
Client: Sunset Commons, LLC
Boring Number: SV-2
Location: ~85 ft East of the alley on the S. shoulder of Illinois St.
Date Completed: January 13, 2023

Sheet: 1 of 1
Drilled by: Cascade - Scott B.
Logged by: WES - Thom D.
First Encountered Water: N/A
Total Depth: 6.5 ft

Depth	Description	Screening Depth	PID (ppm)	Sheen	Sample
Surface	Sandy gravel - ~0.5'				
		~1'	0.0	VSS*	
0.5 to 1.5 ft	Organic fine sandy silt, dark brown, soft, moist.				
		~4'	0.0	VSS	
2.5 to 6.5 ft	Clayey silt with sand and gravel, brown with orange				
	mottling, firm, moist.	~6'	0.0	NS	

Soil Sample Collection Depth

* - indicates a broken or weathered sheen

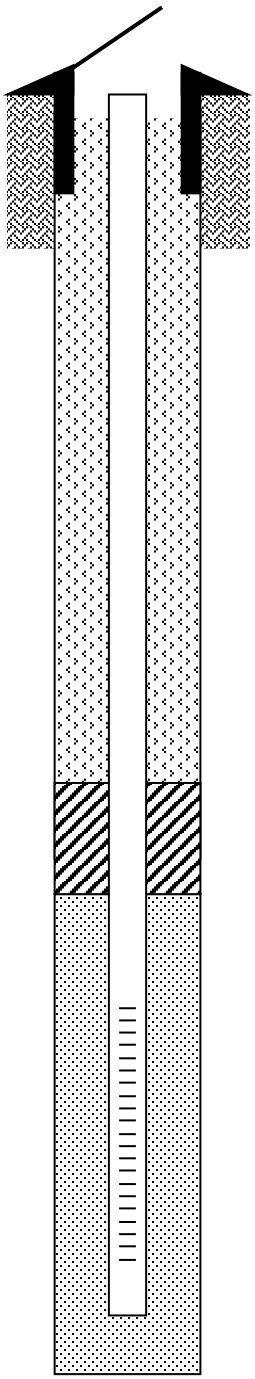
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APPENDIX E -
MONITORING WELL CONSTRUCTION DIAGRAMS

Well Design Specifications



Not to Scale

Depths in Feet Below Ground Surface

~3.0 ft

13.0 ft

14.5

24.5

25.0 ft

25.0 ft

Elevations (feet): Mean Sea Level (MSL) Top of Casing: _____ Ground Elevation: _____

Coordinates: _____ _____

Coordinate System: _____

Type of Casing: PVC

Casing Diameter: 2"

Screen Slot: 0.01 inch

Screen Style: Machine Cut Slot

Sand Pack: #2/12 Monterey Sand - Cemex brand

Bentonite Seal: Pure Gold - Medium Chip

Grout Type: N/A **Weight:** _____

Bore Hole Diameter: 8"

Drill Rig: Hollow stem auger

Drilled by: Cascade - Wes

Logged by: WES - Matt Roberts

Completion Date: 12/1/2022

Date of Measurement	D-T-W (ft. bgs)	Water Level (ft. MSL)	Field pH	Field EC (mS/cm)
12/5/2022	20.28			
12/6/2022	19.05			
12/12/2022	19.54			
2/17/2023	4.98			

Comments:

Project: Sunset Commons

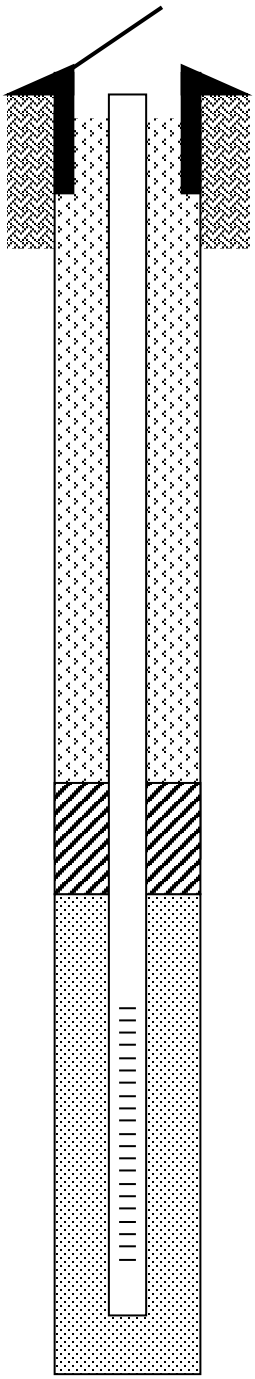
Location: Southern entrance, east of entry road

Whatcom Environmental Services
228 East Champion Street #101
Bellingham, WA 98225
(360) 752-9571

MW-1

Ecology Well ID: **BNE-974**

Well Design Specifications



Not to Scale

Depths in Feet Below Ground Surface

~3.0 ft

13.0 ft

14.5

24.5

25.0 ft

25.0 ft

Elevations (feet): Mean Sea Level (MSL) Top of Casing: _____ Ground Elevation: _____

Coordinates: _____ _____

Coordinate System: _____

Type of Casing: PVC

Casing Diameter: 2"

Screen Slot: 0.01 inch

Screen Style: Machine Cut Slot

Sand Pack: #2/12 Monterey Sand - Cemex brand

Bentonite Seal: Pure Gold - Medium Chip

Grout Type: N/A **Weight:** _____

Bore Hole Diameter: 8"

Drill Rig: Hollow stem auger

Drilled by: Cascade - Wes

Logged by: WES - Matt Roberts

Completion Date: 12/1/2022

Date of Measurement	D-T-W (ft. bgs)	Water Level (ft. MSL)	Field pH	Field EC (mS/cm)
12/5/2022	24.44			
12/6/2022	24.05			
12/12/2024	21.73			
2/17/2023	7.79			

Comments:

Project: Sunset Commons

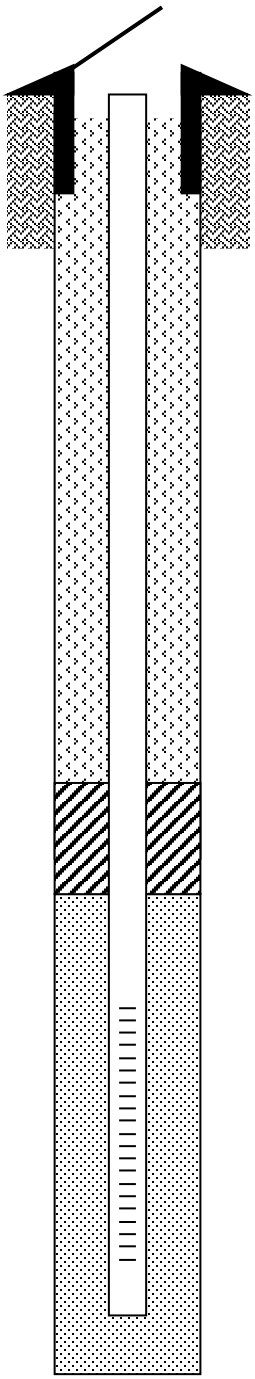
Location: Southern property, west of entry road

Whatcom Environmental Services
228 East Champion Street #101
Bellingham, WA 98225
(360) 752-9571

MW-2

Ecology Well ID: **BNE-975**

Well Design Specifications



Not to Scale

Depths in Feet Below Ground Surface

~3.0 ft

13.0 ft

14.5

24.5

25.0 ft

25.0 ft

Elevations (feet): Mean Sea Level (MSL) Top of Casing: _____ Ground Elevation: _____

Coordinates: _____ _____

Coordinate System: _____

Type of Casing: PVC

Casing Diameter: 2"

Screen Slot: 0.01 inch

Screen Style: Machine Cut Slot

Sand Pack: #2/12 Monterey Sand - Cemex brand

Bentonite Seal: Pure Gold - Medium Chip

Grout Type: N/A **Weight:** _____

Bore Hole Diameter: 8"

Drill Rig: Hollow stem auger

Drilled by: Cascade - Wes

Logged by: WES - Matt Roberts

Completion Date: 12/1/2022

Date of Measurement	D-T-W (ft. bgs)	Water Level (ft. MSL)	Field pH	Field EC (mS/cm)
12/5/2022	18.74			
12/6/2022	16.57			
12/12/2022	12.24			
2/17/2023	5.88			

Comments:

Project: Sunset Commons

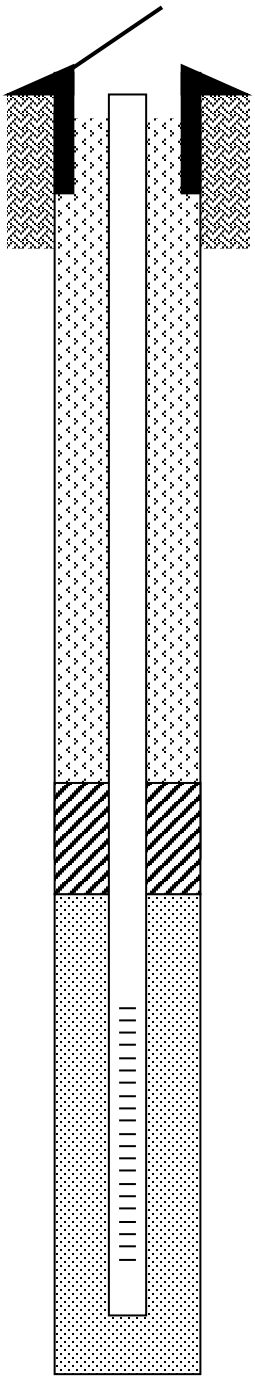
Location: Southern parking area, west side

Whatcom Environmental Services
228 East Champion Street #101
Bellingham, WA 98225
(360) 752-9571

MW-3 - *Abandoned 5/25/2023*

Ecology Well ID:
BNE-976

Well Design Specifications



Not to Scale

Depths in Feet Below Ground Surface

~3.0 ft

13.0 ft

14.5

24.5

25.0 ft

25.0 ft

Elevations (feet): Mean Sea Level (MSL) Top of Casing: _____ Ground Elevation: _____

Coordinates: _____ _____

Coordinate System: _____

Type of Casing: PVC

Casing Diameter: 2"

Screen Slot: 0.01 inch

Screen Style: Machine Cut Slot

Sand Pack: #2/12 Monterey Sand - Cemex brand

Bentonite Seal: Pure Gold - Medium Chip

Grout Type: N/A **Weight:** _____

Bore Hole Diameter: 8"

Drill Rig: Hollow stem auger

Drilled by: Cascade - Wes

Logged by: WES - Matt Roberts

Completion Date: 12/1/2022

Date of Measurement	D-T-W (ft. bgs)	Water Level (ft. MSL)	Field pH	Field EC (mS/cm)
12/5/2022	22.35			
12/6/2022	21.56			
12/12/2022	19.93			
2/17/2023	6.35			

Comments:

Project: Sunset Commons

Location: Southern parking area, east side

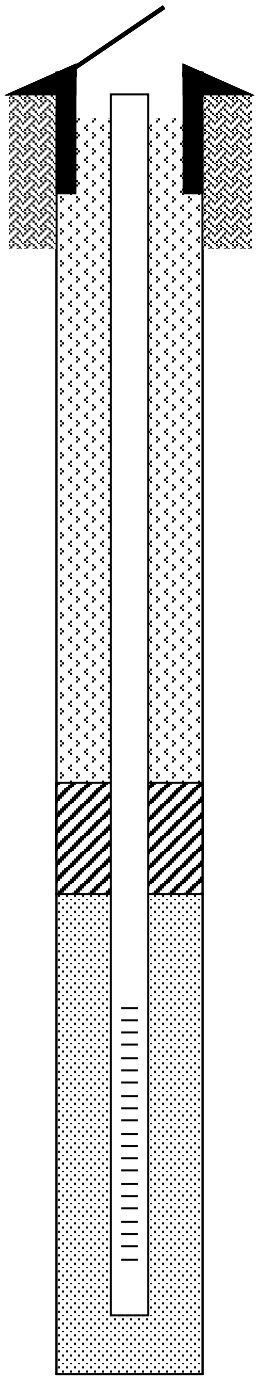
Whatcom Environmental Services
228 East Champion Street #101
Bellingham, WA 98225
(360) 752-9571

MW-4 - *Abandoned 5/25/2023*

Ecology Well ID:
BNE-977

APPENDIX F -
SOIL VAPOR WELL DIAGRAMS

Vapor Well Design Specifications



Depths in Feet Below Ground Surface

2

4.5

5.5

6

6

6.5

Not to Scale

Elevations (feet): Top of Casing: N/A
Mean Sea Level (MSL) Ground Elevation: N/A

Coordinates:

Coordinate System:

Type of Casing: FEP (Fluorinated ethylene propylene)

Casing Diameter: 1/4 inch O.D./0.187 I.D.

Screen Mesh Size: T304-60x60-0.11 in.-Twill / 0.0057 inch

Screen Manufacturer: Hole Products

Sand Pack: 2/12 sieve size - Cemex Brand

Bentonite Seal: Granular CETCO Crumbles #8

Grout Type: N/A **Weight:** N/A

Bore Hole Diameter: ~2 inches

Drill Rig: GeoProbe Track mounted rig

Drilled by: Cascade Drilling - Scott B.

Logged by: Whatcom Env. - Thom Davis

Completion Date: 3/6/2023

Date of Measurement	D-T-W (ft. bgs)	Water Level (ft. MSL)	Field pH	Field EC (mS/cm)
N/A				

Comments: Did not hydrate bentonite crumbles, mixed concrete a bit wet to help hydrate top of chip column.

Project: Sunset Commons

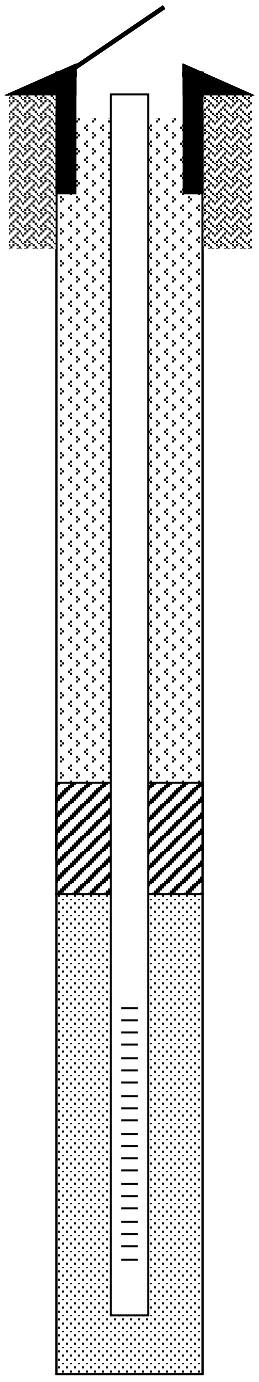
Location: West side of alley, south side of Illinois

Whatcom Environmental Services
228 East Champion Street #101
Bellingham, WA 98225
(360) 752-9571

SV-1

Ecology Well ID: **BPR-113**

Vapor Well Design Specifications



Not to Scale

Depths in Feet Below Ground Surface

2

4.5

5.5

6

6

6.5

Elevations (feet): Top of Casing: N/A
Mean Sea Level (MSL) Ground Elevation: N/A

Coordinates:

Coordinate System:

Type of Casing: FEP (Fluorinated ethylene propylene)

Casing Diameter: 1/4 inch O.D./0.187 I.D.

Screen Mesh Size: T304-60x60-0.11 in.-Twill / 0.0057 inch

Screen Manufacturer: Hole Products

Sand Pack: 2/12 sieve size - Cemex Brand

Bentonite Seal: Granular CETCO Crumbles #8

Grout Type: N/A **Weight:** N/A

Bore Hole Diameter: ~2 inches

Drill Rig: GeoProbe Track mounted rig

Drilled by: Cascade Drilling - Scott B.

Logged by: Whatcom Env. - Thom Davis

Completion Date: 3/6/2023

Date of Measurement	D-T-W (ft. bgs)	Water Level (ft. MSL)	Field pH	Field EC (mS/cm)
N/A				

Comments: Did not hydrate bentonite crumbles, mixed concrete a bit wet to help hydrate top of chip column.

Project: Sunset Commons

Location: East side of alley, south side of Illinois

Whatcom Environmental Services
228 East Champion Street #101
Bellingham, WA 98225
(360) 752-9571

SV-2

Ecology Well ID: **BPR-114**

APPENDIX G -
SOIL LABORATORY ANALYTICAL DATA REPORTS

July 8, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On July 6th, 10 samples were received by our laboratory and assigned our laboratory project number EV22070015. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/8/2022
		ALS JOB#:	EV22070015
		ALS SAMPLE#:	EV22070015-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/06/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/5/2022 10:00:00 AM
CLIENT SAMPLE ID	SS-1 4.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	07/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	07/07/2022	JNF
TPH-Oil Range	NWTPH-DX	**56**	50	1	MG/KG	07/07/2022	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**78.4**	07/07/2022	KLS
TFT	EPA-8021	**87.8**	07/07/2022	KLS
C25	NWTPH-DX	**87.4**	07/07/2022	JNF

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/8/2022
		ALS JOB#:	EV22070015
		ALS SAMPLE#:	EV22070015-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/06/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/5/2022 10:10:00 AM
CLIENT SAMPLE ID	SS-2 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	07/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	07/07/2022	JNF
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	07/07/2022	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**78.6**	07/07/2022	KLS
TFT	EPA-8021	**88.1**	07/07/2022	KLS
C25	NWTPH-DX	**97.8**	07/07/2022	JNF

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/8/2022
		ALS JOB#:	EV22070015
		ALS SAMPLE#:	EV22070015-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/06/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/5/2022 10:30:00 AM
CLIENT SAMPLE ID	TP-1 3ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	07/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	**290**	50	2	MG/KG	07/08/2022	JNF
TPH-Oil Range	NWTPH-DX	**920**	100	2	MG/KG	07/08/2022	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**73.4**	07/07/2022	KLS
TFT	EPA-8021	**82.6**	07/07/2022	KLS
C25 2X Dilution	NWTPH-DX	**99.4**	07/08/2022	JNF

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains light oil/lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	7/8/2022 EV22070015 EV22070015-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/06/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/5/2022 10:35:00 AM
CLIENT SAMPLE ID	TP-1 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	07/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	07/08/2022	JNF
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	07/08/2022	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**74.8**	07/07/2022	KLS
TFT	EPA-8021	**84.0**	07/07/2022	KLS
C25	NWTPH-DX	**95.8**	07/08/2022	JNF

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/8/2022
		ALS JOB#:	EV22070015
		ALS SAMPLE#:	EV22070015-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/06/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/5/2022 11:10:00 AM
CLIENT SAMPLE ID	TP-2 2ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	07/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	07/07/2022	JNF
TPH-Oil Range	NWTPH-DX	**60**	50	1	MG/KG	07/07/2022	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**64.4**	07/07/2022	KLS
TFT	EPA-8021	**70.7**	07/07/2022	KLS
C25	NWTPH-DX	**117**	07/07/2022	JNF

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified oil range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/8/2022
		ALS JOB#:	EV22070015
		ALS SAMPLE#:	EV22070015-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/06/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/5/2022 11:15:00 AM
CLIENT SAMPLE ID	TP-2 1ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	07/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	07/07/2022	JNF
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	07/07/2022	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**86.1**	07/07/2022	KLS
TFT	EPA-8021	**93.1**	07/07/2022	KLS
C25	NWTPH-DX	**94.2**	07/07/2022	JNF

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/8/2022
		ALS JOB#:	EV22070015
		ALS SAMPLE#:	EV22070015-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/06/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/5/2022 12:00:00 PM
CLIENT SAMPLE ID	TP-3 4.25ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	07/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	07/07/2022	JNF
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	07/07/2022	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**77.3**	07/07/2022	KLS
TFT	EPA-8021	**87.0**	07/07/2022	KLS
C25	NWTPH-DX	**92.5**	07/07/2022	JNF

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/8/2022
		ALS JOB#:	EV22070015
		ALS SAMPLE#:	EV22070015-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/06/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/5/2022 12:10:00 PM
CLIENT SAMPLE ID	TP-3 2ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	07/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	07/07/2022	JNF
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	07/07/2022	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**66.7**	07/07/2022	KLS
TFT	EPA-8021	**74.2**	07/07/2022	KLS
C25	NWTPH-DX	**93.3**	07/07/2022	JNF

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/8/2022
		ALS JOB#:	EV22070015
		ALS SAMPLE#:	EV22070015-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/06/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/5/2022 1:00:00 PM
CLIENT SAMPLE ID	TP-4 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	07/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	07/07/2022	JNF
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	07/07/2022	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**74.7**	07/07/2022	KLS
TFT	EPA-8021	**83.0**	07/07/2022	KLS
C25	NWTPH-DX	**89.1**	07/07/2022	JNF

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/8/2022
		ALS JOB#:	EV22070015
		ALS SAMPLE#:	EV22070015-10
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/06/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/5/2022 1:30:00 PM
CLIENT SAMPLE ID	TP-5 4.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**9.9**	3.0	1	MG/KG	07/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	07/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	**33**	25	1	MG/KG	07/07/2022	JNF
TPH-Oil Range	NWTPH-DX	**85**	50	1	MG/KG	07/07/2022	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**75.4**	07/07/2022	KLS
TFT	EPA-8021	**83.4**	07/07/2022	KLS
C25	NWTPH-DX	**91.6**	07/07/2022	JNF

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains extremely weathered gasoline, an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/8/2022
		ALS SDG#:	EV22070015
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-070722S - Batch 180963 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	07/07/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-070722S - Batch 180963 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	07/07/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	07/07/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	07/07/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	07/07/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-070722S - Batch 180990 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	07/07/2022	JNF
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	07/07/2022	JNF

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/8/2022
		ALS SDG#:	EV22070015
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 180963 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**97.4**			66.5	122.7	07/07/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**97.7**	**0**		66.5	122.7	07/07/2022	KLS

ALS Test Batch ID: 180963 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**98.4**			67.7	124	07/07/2022	KLS
Benzene - BSD	EPA-8021	**98.4**	**0**		67.7	124	07/07/2022	KLS
Toluene - BS	EPA-8021	**101**			71	123	07/07/2022	KLS
Toluene - BSD	EPA-8021	**101**	**0**		71	123	07/07/2022	KLS
Ethylbenzene - BS	EPA-8021	**103**			69.8	117	07/07/2022	KLS
Ethylbenzene - BSD	EPA-8021	**103**	**0**		69.8	117	07/07/2022	KLS
Xylenes - BS	EPA-8021	**105**			70	119	07/07/2022	KLS
Xylenes - BSD	EPA-8021	**105**	**0**		70	119	07/07/2022	KLS

ALS Test Batch ID: 180990 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**106**			75.5	122.1	07/07/2022	JNF
TPH-Diesel Range - BSD	NWTPH-DX	**98.6**	**7**		75.5	122.1	07/07/2022	JNF

APPROVED BY

Laboratory Director

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8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV220700 15

Date 7/6/22 Page 1 Of 1

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom Environmental Services
PROJECT MANAGER: Thom - Harold
ADDRESS: 228 E. Champion #101
Bham, WA 98225
PHONE: 752-9571 P.O. #:
E-MAIL: tdavis@whatcom-es.com
INVOICE TO COMPANY: Same
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

OTHER (Specify)

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☒	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify)	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. SS-1 4.5ft	7/5/22	10A	Soil	1		X	X	X																						2	
2. SS-2 2.5ft		1010A		2																										2	
3. TP-1 3ft		1030		3																										2	
4. TP-1 1.25ft		1035		4																										2	
5. TP-2 2ft		1110		5																										2	
6. TP-2 1ft		1115		6																										2	
7. TP-3 4.25ft		12PM		7																										2	
8. TP-3 2ft		1210		8																										2	
9. TP-4 2.5ft		1PM		9																										2	
10. TP-5 4.5ft		130P		10																										2	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Matt Roberts, Matt, WES, 7/6/22, 11:15
   Received By: ~~BRADA~~ ALS 7-6-22 1145
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 (Standard) 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis: 5 (Standard) 3 1 SAME DAY

OTHER: Specify:

*Turnaround request less than standard may incur Rush Charges

July 26, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On July 19th, 2 samples were received by our laboratory and assigned our laboratory project number EV22070076. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Glen Perry
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/26/2022
		ALS JOB#:	EV22070076
		ALS SAMPLE#:	EV22070076-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/19/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/5/2022 12:00:00 PM
CLIENT SAMPLE ID	TP-3 4.25ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	**4.9**	0.10	1	MG/KG	07/25/2022	EBS

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	7/26/2022 EV22070076 EV22070076-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/19/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/5/2022 12:10:00 PM
CLIENT SAMPLE ID	TP-3 2ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	**5.2**	0.10	1	MG/KG	07/25/2022	EBS

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/26/2022
		ALS SDG#:	EV22070076
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-072522S - Batch 181607 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	07/25/2022	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/26/2022
		ALS SDG#:	EV22070076
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 181607 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**101**			80	120	07/25/2022	EBS
Lead - BSD	EPA-6020	**98.4**	**2**		80	120	07/25/2022	EBS

APPROVED BY

Laboratory Director

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http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2207076 / EV220700 15

Date 7/6/22 Page 1 Of 1

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom Environmental Services
PROJECT MANAGER: Thom - Harold
ADDRESS: 228 E. Champion #101
Bham, WA 98225
PHONE: 752-9571 P.O. #:
E-MAIL: tdavis@whatcom-es.com
INVOICE TO COMPANY:
ATTENTION: Samuel
ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☒	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify) Lead (Pb)	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. SS-1 4.5ft	7/5/22	10A	Soil	1		X	X	X																						2	
2. SS-2 2.5ft		1010A		2																										2	
3. TP-1 3ft		1030		3																										2	
4. TP-1 1.25ft		1035		4																										2	
5. TP-2 2ft		1110		5																										2	
6. TP-2 1ft		1115		6																										2	
7. TP-3 4.25ft		12AM		7 1																										2	
8. TP-3 2ft		1210		8 2																										2	
9. TP-4 2.5ft		1PM		9																										2	
10. TP-5 4.5ft		130P		10																										2	

OTHER (Specify)

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Matt Roberts WES, 7/6/22, 11:15
   Received By: ALS 7-6-22 1115
2. Relinquished By: WES 7-19-22 @ 1450
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 X | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER: Specify:

*Turnaround request less than standard may incur Rush Charges

June 28, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On June 27th, 1 sample was received by our laboratory and assigned our laboratory project number EV22060164. The project was identified as your Sunset Commons - 512 E. Sunset. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	6/28/2022 EV22060164 EV22060164-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/27/2022
CLIENT PROJECT:	Sunset Commons - 512 E. Sunset	COLLECTION DATE:	6/24/2022 2:00:00 PM
CLIENT SAMPLE ID	PCS-1 Stockpile	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**140**	30	10	MG/KG	06/28/2022	KLS
Methyl T-Butyl Ether	EPA-8021	U	0.10	1	MG/KG	06/28/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	06/28/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	06/28/2022	KLS
Ethylbenzene	EPA-8021	**0.40**	0.050	1	MG/KG	06/28/2022	KLS
Xylenes	EPA-8021	**0.39**	0.20	1	MG/KG	06/28/2022	KLS
TPH-Diesel Range	NWTPH-DX	**1300**	500	20	MG/KG	06/27/2022	JNF
TPH-Oil Range	NWTPH-DX	**5500**	1000	20	MG/KG	06/27/2022	JNF

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 10X Dilution	NWTPH-GX	**83.8**	06/28/2022	KLS
TFT	EPA-8021	**64.9**	06/28/2022	KLS
C25 20X Dilution	NWTPH-DX	**123**	06/27/2022	JNF

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, an unidentified diesel range product and lube oil. Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/28/2022
		ALS SDG#:	EV22060164
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons - 512 E. Sunset		

LABORATORY BLANK RESULTS

MBG-062722S - Batch 180530 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	06/28/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-062722S - Batch 180530 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Methyl T-Butyl Ether	EPA-8021	U	MG/KG	0.10	06/28/2022	KLS
Benzene	EPA-8021	U	MG/KG	0.030	06/28/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	06/28/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	06/28/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	06/28/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-062722S - Batch 180552 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	06/27/2022	JNF
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	06/27/2022	JNF

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/28/2022
		ALS SDG#:	EV22060164
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons - 512 E. Sunset		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 180530 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**91.2**			66.5	122.7	06/28/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**91.2**	**0**		66.5	122.7	06/28/2022	KLS

ALS Test Batch ID: 180530 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Methyl T-Butyl Ether - BS	EPA-8021	**87.1**			66	116	06/28/2022	KLS
Methyl T-Butyl Ether - BSD	EPA-8021	**87.9**	**1**		66	116	06/28/2022	KLS
Benzene - BS	EPA-8021	**83.2**			67.7	124	06/28/2022	KLS
Benzene - BSD	EPA-8021	**83.6**	**1**		67.7	124	06/28/2022	KLS
Toluene - BS	EPA-8021	**82.8**			71	123	06/28/2022	KLS
Toluene - BSD	EPA-8021	**82.9**	**0**		71	123	06/28/2022	KLS
Ethylbenzene - BS	EPA-8021	**82.0**			69.8	117	06/28/2022	KLS
Ethylbenzene - BSD	EPA-8021	**82.5**	**1**		69.8	117	06/28/2022	KLS
Xylenes - BS	EPA-8021	**83.1**			70	119	06/28/2022	KLS
Xylenes - BSD	EPA-8021	**83.6**	**1**		70	119	06/28/2022	KLS

ALS Test Batch ID: 180552 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**104**			75.5	122.1	06/27/2022	JNF
TPH-Diesel Range - BSD	NWTPH-DX	**111**	**7**		75.5	122.1	06/27/2022	JNF

APPROVED BY

Laboratory Director

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Everett, WA 98208
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Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV22060164

Date 6/27/22 Page 1 Of 1

PROJECT ID: Sunset Commons - 512 E Sunset
REPORT TO COMPANY: Whatcom Env. Svcs
PROJECT MANAGER: Thom - Herold
ADDRESS: 228 E Champion #101
Bham, WA 98225
PHONE: P.O. #:
E-MAIL: tdavis@whatcom-es.com
INVOICE TO COMPANY: Same
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☒ / BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☒ / MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. PCS-1 Stockpile	6-24-22	2pm	Soil	1		X	X	X	X												2	
2.																						
3.																						
4.																						
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						

SPECIAL INSTRUCTIONS: allocated via SO35#

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Jacob Hilert WES 6/27/22 0950
   Received By: Shawn Robinson ALS 6/27/22 0950
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 (Standard) | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 (Standard) | 3 | 1 | SAME DAY

OTHER: Specify:

*Turnaround request less than standard may incur Rush Charges

July 12, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On July 6th, 1 sample was received by our laboratory and assigned our laboratory project number EV22070016. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

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ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
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ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/12/2022
		ALS JOB#:	EV22070016
		ALS SAMPLE#:	EV22070016-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/06/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/5/2022 12:15:00 PM
CLIENT SAMPLE ID	PCS-2 1ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**250**	30	10	MG/KG	07/07/2022	KLS
Methyl T-Butyl Ether	EPA-8021	U	0.10	1	MG/KG	07/07/2022	KLS
Benzene	EPA-8021	**0.12**	0.030	1	MG/KG	07/07/2022	KLS
Toluene	EPA-8021	**0.10**	0.050	1	MG/KG	07/07/2022	KLS
Ethylbenzene	EPA-8021	**0.45**	0.050	1	MG/KG	07/07/2022	KLS
Xylenes	EPA-8021	**0.48**	0.20	1	MG/KG	07/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	**20000**	2500	100	MG/KG	07/08/2022	JNF
TPH-Oil Range	NWTPH-DX	**52000**	5000	100	MG/KG	07/08/2022	JNF
Naphthalene	EPA-8270 SIM	**2600**	200	10	UG/KG	07/08/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**3700**	200	10	UG/KG	07/08/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**3600**	200	10	UG/KG	07/08/2022	JMK
Acenaphthylene	EPA-8270 SIM	**520**	200	10	UG/KG	07/08/2022	JMK
Acenaphthene	EPA-8270 SIM	**330**	200	10	UG/KG	07/08/2022	JMK
Fluorene	EPA-8270 SIM	**320**	200	10	UG/KG	07/08/2022	JMK
Phenanthrene	EPA-8270 SIM	**1500**	200	10	UG/KG	07/08/2022	JMK
Anthracene	EPA-8270 SIM	U	200	10	UG/KG	07/08/2022	JMK
Fluoranthene	EPA-8270 SIM	**1300**	200	10	UG/KG	07/08/2022	JMK
Pyrene	EPA-8270 SIM	**2400**	200	10	UG/KG	07/08/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	200	10	UG/KG	07/08/2022	JMK
Chrysene	EPA-8270 SIM	U	200	10	UG/KG	07/08/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	200	10	UG/KG	07/08/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	200	10	UG/KG	07/08/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	200	10	UG/KG	07/08/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	200	10	UG/KG	07/08/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	200	10	UG/KG	07/08/2022	JMK
Benzo[G,H,I]Perylene	EPA-8270 SIM	U	200	10	UG/KG	07/08/2022	JMK
PCB-1016	EPA-8082	U	0.10	1	MG/KG	07/11/2022	JMK
PCB-1221	EPA-8082	U	0.50	1	MG/KG	07/11/2022	JMK
PCB-1232	EPA-8082	U	0.10	1	MG/KG	07/11/2022	JMK
PCB-1242	EPA-8082	U	0.10	1	MG/KG	07/11/2022	JMK
PCB-1248	EPA-8082	U	0.10	1	MG/KG	07/11/2022	JMK
PCB-1254	EPA-8082	U	0.10	1	MG/KG	07/11/2022	JMK
PCB-1260	EPA-8082	U	0.10	1	MG/KG	07/11/2022	JMK
PCB-1268	EPA-8082	U	0.10	1	MG/KG	07/11/2022	JMK
Mercury	EPA-7471	**0.026**	0.020	1	MG/KG	07/11/2022	RAL
Arsenic	EPA-6020	**4.0**	0.20	1	MG/KG	07/07/2022	EBS
Cadmium	EPA-6020	**0.47**	0.10	1	MG/KG	07/07/2022	EBS
Chromium	EPA-6020	**37**	0.10	1	MG/KG	07/07/2022	EBS

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/12/2022
		ALS JOB#:	EV22070016
		ALS SAMPLE#:	EV22070016-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/06/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/5/2022 12:15:00 PM
CLIENT SAMPLE ID	PCS-2 1ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	**310**	0.10	1	MG/KG	07/07/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 10X Dilution	NWTPH-GX	**99.3**	07/07/2022	KLS
TFT	EPA-8021	**88.3**	07/07/2022	KLS
C25 100X Dilution	NWTPH-DX	**1900 SUR07**	07/08/2022	JNF
Terphenyl-d14 10X Dilution	EPA-8270 SIM	**114**	07/08/2022	JMK
TCMX	EPA-8082	**84.0**	07/11/2022	JMK
DCB	EPA-8082	**47.8**	07/11/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product and light oil/lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/12/2022
		ALS SDG#:	EV22070016
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-070722S - Batch 180963 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	07/07/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-070722S - Batch 180963 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Methyl T-Butyl Ether	EPA-8021	U	MG/KG	0.10	07/07/2022	KLS
Benzene	EPA-8021	U	MG/KG	0.030	07/07/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	07/07/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	07/07/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	07/07/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-070722S - Batch 180990 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	07/07/2022	JNF
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	07/07/2022	JNF

U - Analyte analyzed for but not detected at level above reporting limit.

MB-070822S - Batch 181035 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK
Acenaphthylene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK
Acenaphthene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK
Fluorene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK
Phenanthrene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK
Anthracene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK
Fluoranthene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK
Pyrene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/12/2022
		ALS SDG#:	EV22070016
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-070822S - Batch 181035 - Soil by EPA-8270 SIM

Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK
Benzo[G,H,I]Perylene	EPA-8270 SIM	U	UG/KG	20	07/08/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-070822S - Batch 181029 - Soil by EPA-8082

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
PCB-1016	EPA-8082	U	MG/KG	0.10	07/11/2022	JMK
PCB-1221	EPA-8082	U	MG/KG	0.50	07/11/2022	JMK
PCB-1232	EPA-8082	U	MG/KG	0.10	07/11/2022	JMK
PCB-1242	EPA-8082	U	MG/KG	0.10	07/11/2022	JMK
PCB-1248	EPA-8082	U	MG/KG	0.10	07/11/2022	JMK
PCB-1254	EPA-8082	U	MG/KG	0.10	07/11/2022	JMK
PCB-1260	EPA-8082	U	MG/KG	0.10	07/11/2022	JMK
PCB-1268	EPA-8082	U	MG/KG	0.10	07/11/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R412748 - Batch R412748 - Soil by EPA-7471

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Mercury	EPA-7471	U	MG/KG	0.020	07/11/2022	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

MB-070722S - Batch 180936 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Arsenic	EPA-6020	U	MG/KG	0.20	07/07/2022	EBS
Cadmium	EPA-6020	U	MG/KG	0.10	07/07/2022	EBS
Chromium	EPA-6020	U	MG/KG	0.10	07/07/2022	EBS
Lead	EPA-6020	U	MG/KG	0.10	07/07/2022	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/12/2022
		ALS SDG#:	EV22070016
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 180963 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**97.4**			66.5	122.7	07/07/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**97.7**	**0**		66.5	122.7	07/07/2022	KLS

ALS Test Batch ID: 180963 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Methyl T-Butyl Ether - BS	EPA-8021	**101**			66	116	07/07/2022	KLS
Methyl T-Butyl Ether - BSD	EPA-8021	**98.1**	**2**		66	116	07/07/2022	KLS
Benzene - BS	EPA-8021	**98.4**			67.7	124	07/07/2022	KLS
Benzene - BSD	EPA-8021	**98.4**	**0**		67.7	124	07/07/2022	KLS
Toluene - BS	EPA-8021	**101**			71	123	07/07/2022	KLS
Toluene - BSD	EPA-8021	**101**	**0**		71	123	07/07/2022	KLS
Ethylbenzene - BS	EPA-8021	**103**			69.8	117	07/07/2022	KLS
Ethylbenzene - BSD	EPA-8021	**103**	**0**		69.8	117	07/07/2022	KLS
Xylenes - BS	EPA-8021	**105**			70	119	07/07/2022	KLS
Xylenes - BSD	EPA-8021	**105**	**0**		70	119	07/07/2022	KLS

ALS Test Batch ID: 180990 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**106**			75.5	122.1	07/07/2022	JNF
TPH-Diesel Range - BSD	NWTPH-DX	**98.6**	**7**		75.5	122.1	07/07/2022	JNF

ALS Test Batch ID: 181035 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**75.0**			20	150	07/09/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**74.5**	**1**		20	150	07/09/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**79.6**			20	150	07/09/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**78.1**	**2**		20	150	07/09/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**75.0**			20	150	07/09/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**72.6**	**3**		20	150	07/09/2022	JMK
Acenaphthylene - BS	EPA-8270 SIM	**90.2**			20	150	07/09/2022	JMK
Acenaphthylene - BSD	EPA-8270 SIM	**90.9**	**1**		20	150	07/09/2022	JMK
Acenaphthene - BS	EPA-8270 SIM	**88.1**			41	107	07/09/2022	JMK
Acenaphthene - BSD	EPA-8270 SIM	**88.2**	**0**		41	107	07/09/2022	JMK
Fluorene - BS	EPA-8270 SIM	**93.8**			20	150	07/09/2022	JMK
Fluorene - BSD	EPA-8270 SIM	**93.7**	**0**		20	150	07/09/2022	JMK
Phenanthrene - BS	EPA-8270 SIM	**89.0**			20	150	07/09/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/12/2022
		ALS SDG#:	EV22070016
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Phenanthrene - BSD	EPA-8270 SIM	**88.3**	**1**		20	150	07/09/2022	JMK
Anthracene - BS	EPA-8270 SIM	**92.0**			20	150	07/09/2022	JMK
Anthracene - BSD	EPA-8270 SIM	**88.9**	**3**		20	150	07/09/2022	JMK
Fluoranthene - BS	EPA-8270 SIM	**78.1**			20	150	07/09/2022	JMK
Fluoranthene - BSD	EPA-8270 SIM	**80.9**	**4**		20	150	07/09/2022	JMK
Pyrene - BS	EPA-8270 SIM	**79.5**			18	136	07/09/2022	JMK
Pyrene - BSD	EPA-8270 SIM	**77.9**	**2**		18	136	07/09/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**74.7**			20	150	07/09/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**75.7**	**1**		20	150	07/09/2022	JMK
Chrysene - BS	EPA-8270 SIM	**80.1**			20	150	07/09/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**77.7**	**3**		20	150	07/09/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**71.4**			20	150	07/09/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**74.0**	**4**		20	150	07/09/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**82.8**			20	150	07/09/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**83.2**	**0**		20	150	07/09/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**72.8**			20	150	07/09/2022	JMK
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**74.8**	**3**		20	150	07/09/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**73.5**			20	150	07/09/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**75.8**	**3**		20	150	07/09/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**80.0**			20	150	07/09/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**81.1**	**1**		20	150	07/09/2022	JMK
Benzo[G,H,I]Perylene - BS	EPA-8270 SIM	**75.8**			20	150	07/09/2022	JMK
Benzo[G,H,I]Perylene - BSD	EPA-8270 SIM	**76.0**	**0**		20	150	07/09/2022	JMK

ALS Test Batch ID: 181029 - Soil by EPA-8082

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
PCB-1016 - BS	EPA-8082	**65.2**			50	150	07/11/2022	JMK
PCB-1016 - BSD	EPA-8082	**66.1**	**1**		50	150	07/11/2022	JMK
PCB-1260 - BS	EPA-8082	**72.8**			50	150	07/11/2022	JMK
PCB-1260 - BSD	EPA-8082	**68.0**	**7**		50	150	07/11/2022	JMK

ALS Test Batch ID: R412748 - Soil by EPA-7471

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Mercury - BS	EPA-7471	**105**			81.8	117	07/11/2022	RAL
Mercury - BSD	EPA-7471	**105**	**0**		81.8	117	07/11/2022	RAL

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/12/2022
		ALS SDG#:	EV22070016
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 180936 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Arsenic - BS	EPA-6020	**105**			80	120	07/07/2022	EBS
Arsenic - BSD	EPA-6020	**104**	**1**		80	120	07/07/2022	EBS
Cadmium - BS	EPA-6020	**110**			80	120	07/07/2022	EBS
Cadmium - BSD	EPA-6020	**108**	**2**		80	120	07/07/2022	EBS
Chromium - BS	EPA-6020	**103**			80	120	07/07/2022	EBS
Chromium - BSD	EPA-6020	**102**	**1**		80	120	07/07/2022	EBS
Lead - BS	EPA-6020	**104**			80	120	07/07/2022	EBS
Lead - BSD	EPA-6020	**102**	**2**		80	120	07/07/2022	EBS

APPROVED BY



Laboratory Director

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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV220 70016

Date 7/6/22 Page 1 Of 1

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom Env. Svcs.
PROJECT MANAGER: Thom - Harold
ADDRESS: 228 E. Champion #101
Bellingham, WA 98225
PHONE: 752-9571 P.O. #:
E-MAIL: tdavis@whatcom-es.com
INVOICE TO COMPANY: Same
ATTENTION:
ADDRESS:

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☒ BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☒ MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☒ Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☒ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. PCS-2 1ft	7/5/22	1215	S	1		X	X	X	X						X	X	X				4	
2.																						
3.																						
4.																						
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Matt Roberts, Matt, WES, 7/6/22, 11:15
   Received By: [signature] ALS 7-6-22 1115
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER:
Specify:

*Turnaround request less than standard may incur Rush Charges

July 19, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

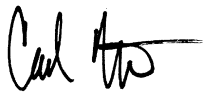
On July 13th, 1 sample was received by our laboratory and assigned our laboratory project number EV22070052. The project was identified as your Sunset Commons - 512 E. Sunset. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Carl Nott
Professional Scientist

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	7/19/2022 EV22070052 EV22070052-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/13/2022
CLIENT PROJECT:	Sunset Commons - 512 E. Sunset	COLLECTION DATE:	6/24/2022 4:00:00 PM
CLIENT SAMPLE ID	PCS-1 Stockpile	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Mercury	EPA-7471	**0.034**	0.020	1	MG/KG	07/18/2022	RAL
Arsenic	EPA-6020	**5.0**	0.20	1	MG/KG	07/18/2022	EBS
Cadmium	EPA-6020	**0.24**	0.10	1	MG/KG	07/18/2022	EBS
Chromium	EPA-6020	**44**	0.10	1	MG/KG	07/18/2022	EBS
Lead	EPA-6020	**39**	0.10	1	MG/KG	07/18/2022	EBS

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/19/2022
		ALS SDG#:	EV22070052
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons - 512 E. Sunset		

LABORATORY BLANK RESULTS

MBLK-R413255 - Batch R413255 - Soil by EPA-7471

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Mercury	EPA-7471	U	MG/KG	0.020	07/18/2022	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

MB-071822S - Batch 181323 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Arsenic	EPA-6020	U	MG/KG	0.20	07/18/2022	EBS
Cadmium	EPA-6020	U	MG/KG	0.10	07/18/2022	EBS
Chromium	EPA-6020	U	MG/KG	0.10	07/18/2022	EBS
Lead	EPA-6020	U	MG/KG	0.10	07/18/2022	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

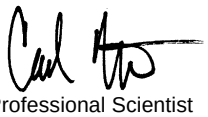
CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	7/19/2022
		ALS SDG#:	EV22070052
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons - 512 E. Sunset		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 181323 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Arsenic - BS	EPA-6020	**96.4**			80	120	07/18/2022	EBS
Arsenic - BSD	EPA-6020	**96.8**	**0**		80	120	07/18/2022	EBS
Cadmium - BS	EPA-6020	**98.6**			80	120	07/18/2022	EBS
Cadmium - BSD	EPA-6020	**99.9**	**1**		80	120	07/18/2022	EBS
Chromium - BS	EPA-6020	**96.4**			80	120	07/18/2022	EBS
Chromium - BSD	EPA-6020	**96.8**	**0**		80	120	07/18/2022	EBS
Lead - BS	EPA-6020	**97.0**			80	120	07/18/2022	EBS
Lead - BSD	EPA-6020	**96.9**	**0**		80	120	07/18/2022	EBS

APPROVED BY



Professional Scientist

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
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ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

EV2207 0052

ALS Job# (Laboratory Use Only)

EV2206 0164

Date 6/27/22 Page 1 Of 1

PROJECT ID: Sunset Commons - 512 E. Sunset
REPORT TO COMPANY: Whatcom Env. Svcs
PROJECT MANAGER: Thom - Harold
ADDRESS: 228 E Champion #101
Bham, WA 98225
PHONE: P.O. #:
E-MAIL: tdavis@whatcom-es.com
INVOICE TO COMPANY: Same ?
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 X / BTEX by EPA 8260 ☐	MTBE by EPA 8021 X / MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐	Metals-MTCA-5 X RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. PCS-1 Stockpile	6-24-22	2pm	Soil	1		X	X	X	X							⊗					2	
2.																						
3.																						
4.																						
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						

SPECIAL INSTRUCTIONS 7/13/22 - Matt requested MTCA-5 on 5-day TAT. SNR

allocated via 8035A

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Jacob Hilaro WES 6/27/22 0950
Received By: Shawn Robinson ALS 6/27/22 0950
2. Relinquished By:
Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis
10 Standard | 5 X | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis
5 Standard | 3 | 1 | SAME DAY

OTHER:
Specify:

*Turnaround request less than standard may incur Rush Charges

August 3, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On July 27th, 8 samples were received by our laboratory and assigned our laboratory project number EV22070112. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	8/3/2022 EV22070112 EV22070112-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/27/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/26/2022 9:45:00 AM
CLIENT SAMPLE ID	Stockpile-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**13**	3.0	1	MG/KG	07/29/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/29/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/29/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	07/29/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/29/2022	KLS
TPH-Diesel Range	NWTPH-DX	**160**	120	5	MG/KG	07/28/2022	JNF
TPH-Oil Range	NWTPH-DX	**600**	250	5	MG/KG	07/28/2022	JNF
Naphthalene	EPA-8270 SIM	**27**	20	1	UG/KG	08/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**34**	20	1	UG/KG	08/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**27**	20	1	UG/KG	08/02/2022	JMK
Lead	EPA-6020	**20**	0.10	1	MG/KG	07/28/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**91.9**	07/29/2022	KLS
TFT	EPA-8021	**87.8**	07/29/2022	KLS
C25 5X Dilution	NWTPH-DX	**132**	07/28/2022	JNF
Terphenyl-d14	EPA-8270 SIM	**135**	08/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	8/3/2022 EV22070112 EV22070112-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/27/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/26/2022 10:00:00 AM
CLIENT SAMPLE ID	Stockpile-2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	07/29/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/29/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/29/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	07/29/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/29/2022	KLS
TPH-Diesel Range	NWTPH-DX	**130**	25	1	MG/KG	07/28/2022	JNF
TPH-Oil Range	NWTPH-DX	**380**	50	1	MG/KG	07/28/2022	JNF
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/02/2022	JMK
Lead	EPA-6020	**17**	0.10	1	MG/KG	07/28/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**86.2**	07/29/2022	KLS
TFT	EPA-8021	**84.4**	07/29/2022	KLS
C25	NWTPH-DX	**108**	07/28/2022	JNF
Terphenyl-d14	EPA-8270 SIM	**45.5**	08/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	8/3/2022 EV22070112 EV22070112-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/27/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/26/2022 10:10:00 AM
CLIENT SAMPLE ID	Stockpile-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**65**	3.0	1	MG/KG	07/29/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/29/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/29/2022	KLS
Ethylbenzene	EPA-8021	**0.097**	0.050	1	MG/KG	07/29/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/29/2022	KLS
TPH-Diesel Range	NWTPH-DX	**570**	250	10	MG/KG	07/28/2022	JNF
TPH-Oil Range	NWTPH-DX	**2500**	500	10	MG/KG	07/28/2022	JNF
Naphthalene	EPA-8270 SIM	**340**	20	1	UG/KG	08/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**280**	20	1	UG/KG	08/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**190**	20	1	UG/KG	08/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	**48**	20	1	UG/KG	08/02/2022	JMK
Chrysene	EPA-8270 SIM	**120**	20	1	UG/KG	08/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**140**	20	1	UG/KG	08/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	**99**	20	1	UG/KG	08/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	**63**	20	1	UG/KG	08/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**58**	20	1	UG/KG	08/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	08/02/2022	JMK
Lead	EPA-6020	**25**	0.10	1	MG/KG	07/28/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**77.6**	07/29/2022	KLS
TFT	EPA-8021	**75.1**	07/29/2022	KLS
C25 10X Dilution	NWTPH-DX	**161 SUR07**	07/28/2022	JNF
Terphenyl-d14	EPA-8270 SIM	**101**	08/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	8/3/2022 EV22070112 EV22070112-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/27/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/26/2022 10:20:00 AM
CLIENT SAMPLE ID	Stockpile-4	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**37**	3.0	1	MG/KG	07/29/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/29/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/29/2022	KLS
Ethylbenzene	EPA-8021	**0.051**	0.050	1	MG/KG	07/29/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/29/2022	KLS
TPH-Diesel Range	NWTPH-DX	**240**	120	5	MG/KG	07/28/2022	JNF
TPH-Oil Range	NWTPH-DX	**1200**	250	5	MG/KG	07/28/2022	JNF
Naphthalene	EPA-8270 SIM	**110**	20	1	UG/KG	08/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**110**	20	1	UG/KG	08/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**69**	20	1	UG/KG	08/02/2022	JMK
Lead	EPA-6020	**19**	0.10	1	MG/KG	07/28/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**91.0**	07/29/2022	KLS
TFT	EPA-8021	**87.6**	07/29/2022	KLS
C25 5X Dilution	NWTPH-DX	**171 SUR07**	07/28/2022	JNF
Terphenyl-d14	EPA-8270 SIM	**53.9**	08/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	8/3/2022 EV22070112 EV22070112-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/27/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/26/2022 10:35:00 AM
CLIENT SAMPLE ID	Stockpile-5	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**43**	3.0	1	MG/KG	07/29/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/29/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/29/2022	KLS
Ethylbenzene	EPA-8021	**0.052**	0.050	1	MG/KG	07/29/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/29/2022	KLS
TPH-Diesel Range	NWTPH-DX	U, RL06	300	1	MG/KG	07/27/2022	JNF
TPH-Oil Range	NWTPH-DX	**850**	50	1	MG/KG	07/27/2022	JNF
Naphthalene	EPA-8270 SIM	**150**	20	1	UG/KG	08/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**150**	20	1	UG/KG	08/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**89**	20	1	UG/KG	08/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	08/02/2022	JMK
Chrysene	EPA-8270 SIM	**50**	20	1	UG/KG	08/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**71**	20	1	UG/KG	08/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	**47**	20	1	UG/KG	08/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	**38**	20	1	UG/KG	08/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**24**	20	1	UG/KG	08/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	08/02/2022	JMK
Lead	EPA-6020	**17**	0.10	1	MG/KG	07/28/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**97.9**	07/29/2022	KLS
TFT	EPA-8021	**94.1**	07/29/2022	KLS
C25	NWTPH-DX	**127**	07/27/2022	JNF
Terphenyl-d14	EPA-8270 SIM	**107**	08/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product and lube oil.
Diesel range product reporting limits raised due to motor oil range product overlap.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	8/3/2022 EV22070112 EV22070112-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/27/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/26/2022 10:45:00 AM
CLIENT SAMPLE ID	Stockpile-6	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**26**	3.0	1	MG/KG	07/29/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/29/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/29/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	07/29/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/29/2022	KLS
TPH-Diesel Range	NWTPH-DX	**210**	25	1	MG/KG	07/27/2022	JNF
TPH-Oil Range	NWTPH-DX	**790**	50	1	MG/KG	07/27/2022	JNF
Naphthalene	EPA-8270 SIM	**38**	20	1	UG/KG	08/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**45**	20	1	UG/KG	08/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**29**	20	1	UG/KG	08/02/2022	JMK
Lead	EPA-6020	**13**	0.10	1	MG/KG	07/28/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**81.1**	07/29/2022	KLS
TFT	EPA-8021	**77.6**	07/29/2022	KLS
C25	NWTPH-DX	**118**	07/27/2022	JNF
Terphenyl-d14	EPA-8270 SIM	**90.3**	08/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product and light oil/lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	8/3/2022 EV22070112 EV22070112-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/27/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/26/2022 10:50:00 AM
CLIENT SAMPLE ID	Stockpile-7	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**22**	3.0	1	MG/KG	07/29/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/29/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/29/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	07/29/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/29/2022	KLS
TPH-Diesel Range	NWTPH-DX	**310**	120	5	MG/KG	07/28/2022	JNF
TPH-Oil Range	NWTPH-DX	**1200**	250	5	MG/KG	07/28/2022	JNF
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**30**	20	1	UG/KG	08/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**27**	20	1	UG/KG	08/02/2022	JMK
Lead	EPA-6020	**24**	0.10	1	MG/KG	07/28/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**79.4**	07/29/2022	KLS
TFT	EPA-8021	**75.3**	07/29/2022	KLS
C25 5X Dilution	NWTPH-DX	**158 SUR07**	07/28/2022	JNF
Terphenyl-d14	EPA-8270 SIM	**116**	08/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	8/3/2022 EV22070112 EV22070112-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	07/27/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	7/26/2022 11:00:00 AM
CLIENT SAMPLE ID	Stockpile-8	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**7.2**	3.0	1	MG/KG	07/29/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	07/29/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	07/29/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	07/29/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	07/29/2022	KLS
TPH-Diesel Range	NWTPH-DX	U, RL06	150	1	MG/KG	07/27/2022	JNF
TPH-Oil Range	NWTPH-DX	**570**	50	1	MG/KG	07/27/2022	JNF
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/02/2022	JMK
Lead	EPA-6020	**17**	0.10	1	MG/KG	07/28/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**84.1**	07/29/2022	KLS
TFT	EPA-8021	**79.1**	07/29/2022	KLS
C25	NWTPH-DX	**102**	07/27/2022	JNF
Terphenyl-d14	EPA-8270 SIM	**103**	08/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product and lube oil.
Diesel range product reporting limits raised due to motor oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	8/3/2022
		ALS SDG#:	EV22070112
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-072922S - Batch 181853 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	07/29/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-072922S - Batch 181853 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	07/29/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	07/29/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	07/29/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	07/29/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-072722S - Batch 181816 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	07/27/2022	JNF
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	07/27/2022	JNF

U - Analyte analyzed for but not detected at level above reporting limit.

MB-072822S - Batch 181999 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	08/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	08/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	08/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	08/02/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	08/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	08/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	08/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	08/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	08/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	08/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-072822S - Batch 181785 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	07/28/2022	RAL

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS SDG#: WDOE ACCREDITATION:	8/3/2022 EV22070112 C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-072822S - Batch 181785 - Soil by EPA-6020

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 8/3/2022
ALS SDG#: EV22070112
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 181853 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**92.9**			66.5	122.7	07/29/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**93.2**	**0**		66.5	122.7	07/29/2022	KLS

ALS Test Batch ID: 181853 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**88.1**			67.7	124	07/29/2022	KLS
Benzene - BSD	EPA-8021	**90.2**	**2**		67.7	124	07/29/2022	KLS
Toluene - BS	EPA-8021	**88.7**			71	123	07/29/2022	KLS
Toluene - BSD	EPA-8021	**91.0**	**3**		71	123	07/29/2022	KLS
Ethylbenzene - BS	EPA-8021	**89.6**			69.8	117	07/29/2022	KLS
Ethylbenzene - BSD	EPA-8021	**92.0**	**3**		69.8	117	07/29/2022	KLS
Xylenes - BS	EPA-8021	**90.9**			70	119	07/29/2022	KLS
Xylenes - BSD	EPA-8021	**93.4**	**3**		70	119	07/29/2022	KLS

ALS Test Batch ID: 181816 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**93.4**			75.5	122.1	07/27/2022	JNF
TPH-Diesel Range - BSD	NWTPH-DX	**104**	**11**		75.5	122.1	07/27/2022	JNF

ALS Test Batch ID: 181999 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**106**			20	150	08/02/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**105**	**2**		20	150	08/02/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**110**			20	150	08/02/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**109**	**1**		20	150	08/02/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**106**			20	150	08/02/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**105**	**1**		20	150	08/02/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**115**			20	150	08/02/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**114**	**1**		20	150	08/02/2022	JMK
Chrysene - BS	EPA-8270 SIM	**115**			20	150	08/02/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**119**	**3**		20	150	08/02/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**119**			20	150	08/02/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**114**	**4**		20	150	08/02/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**127**			20	150	08/02/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**124**	**3**		20	150	08/02/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**128**			20	150	08/02/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS SDG#: WDOE ACCREDITATION:	8/3/2022 EV22070112 C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**124**	**3**		20	150	08/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**140**			20	150	08/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**131**	**7**		20	150	08/02/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**148**			20	150	08/02/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**138**	**7**		20	150	08/02/2022	JMK

ALS Test Batch ID: 181785 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**99.9**			80	120	07/28/2022	RAL
Lead - BSD	EPA-6020	**99.8**	**0**		80	120	07/28/2022	RAL

APPROVED BY

Laboratory Director

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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2207012

Date 7/26/22 Page 1 Of 1

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom Environmental Svcs.
PROJECT MANAGER: Thom - Harold
ADDRESS: 228 E. Champion #101
Bham, WA 98225
PHONE: P.O. #:
E-MAIL: tdavis@whatcom-es.com
INVOICE TO COMPANY: Same
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☒	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify) Lead (Pb)	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐	OTHER (Specify) Naphthalenes (8270 SIM)	cPAHs (8270 SIM)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. Stockpile -1	7/26/22	945A	Soil	1		X	X	X																X						X		2	
2. Stockpile -2		10Am		2		X	X	X																X						X		2	
3. Stockpile -3		1010A		3		X	X	X																X						X	X	2	
4. Stockpile -4		1020A		4		X	X	X																X						X		2	
5. Stockpile -5		1035A		5		X	X	X																X						X	X	2	
6. Stockpile -6		1045A		6		X	X	X																X						X		2	
7. Stockpile -7		1050A		7		X	X	X																X						X		2	
8. Stockpile -8		11Am		8		X	X	X																X						X		2	
9.																														Collected via 5035A			
10.																																	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: WES 7/26/22 @ 1250P
   Received By: MH 7-27-22 10:03 ALS
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER:
Specify:

*Turnaround request less than standard may incur Rush Charges

August 18, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On August 11th, 6 samples were received by our laboratory and assigned our laboratory project number EV22080053. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	8/18/2022 EV22080053 EV22080053-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	08/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	8/10/2022 10:10:00 AM
CLIENT SAMPLE ID	PCS-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**350**	30	10	MG/KG	08/16/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	08/15/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	08/15/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	08/15/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	08/15/2022	KLS
TPH-Diesel Range	NWTPH-DX	**790**	25	1	MG/KG	08/16/2022	DHM
TPH-Oil Range	NWTPH-DX	**380**	50	1	MG/KG	08/16/2022	DHM
Naphthalene	EPA-8270 SIM	**79**	20	1	UG/KG	08/15/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**410**	20	1	UG/KG	08/15/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**350**	20	1	UG/KG	08/15/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	08/15/2022	JMK
Chrysene	EPA-8270 SIM	**64**	20	1	UG/KG	08/15/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**35**	20	1	UG/KG	08/15/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	08/15/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	08/15/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	08/15/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	08/15/2022	JMK
Lead	EPA-6020	**7.4**	0.10	1	MG/KG	08/15/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 10X Dilution	NWTPH-GX	**104**	08/16/2022	KLS
TFT	EPA-8021	**71.6**	08/15/2022	KLS
C25	NWTPH-DX	**103**	08/16/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**152**	08/15/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, weathered diesel and lube oil.
Oil range product results biased high due to diesel range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	8/18/2022 EV22080053 EV22080053-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	08/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	8/10/2022 10:20:00 AM
CLIENT SAMPLE ID	Bldg-1-Floor-5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	08/16/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	08/16/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	08/16/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	08/16/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	08/16/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	08/16/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	08/16/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/15/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/15/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/15/2022	JMK
Lead	EPA-6020	**3.4**	0.10	1	MG/KG	08/15/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**74.6**	08/16/2022	KLS
TFT	EPA-8021	**63.4**	08/16/2022	KLS
C25	NWTPH-DX	**89.8**	08/16/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**124**	08/15/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	8/18/2022 EV22080053 EV22080053-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	08/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	8/10/2022 10:25:00 AM
CLIENT SAMPLE ID	Bldg-1-South-2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**430**	30	10	MG/KG	08/16/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	08/15/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	08/15/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	08/15/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	08/15/2022	KLS
TPH-Diesel Range	NWTPH-DX	**1600**	50	2	MG/KG	08/16/2022	DHM
TPH-Oil Range	NWTPH-DX	U	100	2	MG/KG	08/16/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/16/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/16/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/16/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	08/16/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	08/16/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	08/16/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	08/16/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	08/16/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	08/16/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	08/16/2022	JMK
Lead	EPA-6020	**5.1**	0.10	1	MG/KG	08/15/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 10X Dilution	NWTPH-GX	**88.8**	08/16/2022	KLS
TFT	EPA-8021	**76.8**	08/15/2022	KLS
C25 2X Dilution	NWTPH-DX	**99.6**	08/16/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**91.6**	08/16/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product and weathered diesel 1.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	8/18/2022 EV22080053 EV22080053-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	08/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	8/10/2022 10:35:00 AM
CLIENT SAMPLE ID	Bldg-1-East-2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**370**	30	10	MG/KG	08/16/2022	KLS
Benzene	EPA-8021	**0.13**	0.030	1	MG/KG	08/15/2022	KLS
Toluene	EPA-8021	**0.16**	0.050	1	MG/KG	08/15/2022	KLS
Ethylbenzene	EPA-8021	**0.75**	0.050	1	MG/KG	08/15/2022	KLS
Xylenes	EPA-8021	**1.5**	0.20	1	MG/KG	08/15/2022	KLS
TPH-Diesel Range	NWTPH-DX	**13000**	620	25	MG/KG	08/16/2022	DHM
TPH-Oil Range	NWTPH-DX	**5000**	1200	25	MG/KG	08/16/2022	DHM
Naphthalene	EPA-8270 SIM	**10000**	1000	50	UG/KG	08/16/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**41000**	1000	50	UG/KG	08/16/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**32000**	1000	50	UG/KG	08/16/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	**410**	20	1	UG/KG	08/16/2022	JMK
Chrysene	EPA-8270 SIM	**870**	20	1	UG/KG	08/16/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**320**	20	1	UG/KG	08/16/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	**210**	20	1	UG/KG	08/16/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	**190**	20	1	UG/KG	08/16/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**56**	20	1	UG/KG	08/16/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	**97**	20	1	UG/KG	08/16/2022	JMK
Lead	EPA-6020	**8.4**	0.10	1	MG/KG	08/15/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 10X Dilution	NWTPH-GX	**112**	08/16/2022	KLS
TFT	EPA-8021	**98.5**	08/15/2022	KLS
C25 25X Dilution	NWTPH-DX	**130**	08/16/2022	DHM
Terphenyl-d14 50X Dilution	EPA-8270 SIM	**117**	08/16/2022	JMK
Terphenyl-d14	EPA-8270 SIM	**95.9**	08/16/2022	JMK

Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, weathered diesel and lube oil.
Oil range product results biased high due to diesel range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	8/18/2022 EV22080053 EV22080053-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	08/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	8/10/2022 10:45:00 AM
CLIENT SAMPLE ID	Bldg-1-North-2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	08/15/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	08/15/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	08/15/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	08/15/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	08/15/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	08/16/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	08/16/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/16/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/16/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/16/2022	JMK
Lead	EPA-6020	**3.0**	0.10	1	MG/KG	08/15/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**79.5**	08/15/2022	KLS
TFT	EPA-8021	**66.6**	08/15/2022	KLS
C25	NWTPH-DX	**97.4**	08/16/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**136**	08/16/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	8/18/2022 EV22080053 EV22080053-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	08/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	8/10/2022 10:50:00 AM
CLIENT SAMPLE ID	Bldg-1-West-2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**3.3**	3.0	1	MG/KG	08/15/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	08/15/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	08/15/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	08/15/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	08/15/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	08/16/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	08/16/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/16/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/16/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	08/16/2022	JMK
Lead	EPA-6020	**4.3**	0.10	1	MG/KG	08/15/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**94.1**	08/15/2022	KLS
TFT	EPA-8021	**79.9**	08/15/2022	KLS
C25	NWTPH-DX	**97.3**	08/16/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**103**	08/16/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains extremely weathered gasoline.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	8/18/2022
		ALS SDG#:	EV22080053
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-081522S - Batch 182454 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	08/15/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-081522S - Batch 182454 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	08/15/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	08/15/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	08/15/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	08/15/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-081522S - Batch 182513 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	08/15/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	08/15/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-081222S - Batch 182585 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	08/15/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	08/15/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	08/15/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	08/15/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	08/15/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	08/15/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	08/15/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	08/15/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	08/15/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	08/15/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-081222S - Batch 182399 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	08/15/2022	EBS

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS SDG#: WDOE ACCREDITATION:	8/18/2022 EV22080053 C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-081222S - Batch 182399 - Soil by EPA-6020

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 8/18/2022
ALS SDG#: EV22080053
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 182454 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**104**			66.5	122.7	08/15/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**104**	**0**		66.5	122.7	08/15/2022	KLS

ALS Test Batch ID: 182454 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**89.4**			67.7	124	08/15/2022	KLS
Benzene - BSD	EPA-8021	**88.2**	**1**		67.7	124	08/15/2022	KLS
Toluene - BS	EPA-8021	**90.6**			71	123	08/15/2022	KLS
Toluene - BSD	EPA-8021	**89.6**	**1**		71	123	08/15/2022	KLS
Ethylbenzene - BS	EPA-8021	**92.1**			69.8	117	08/15/2022	KLS
Ethylbenzene - BSD	EPA-8021	**91.0**	**1**		69.8	117	08/15/2022	KLS
Xylenes - BS	EPA-8021	**93.6**			70	119	08/15/2022	KLS
Xylenes - BSD	EPA-8021	**92.4**	**1**		70	119	08/15/2022	KLS

ALS Test Batch ID: 182513 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**102**			75.5	122.1	08/15/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**105**	**3**		75.5	122.1	08/15/2022	DHM

ALS Test Batch ID: 182585 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**98.9**			20	150	08/15/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**102**	**4**		20	150	08/17/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**101**			20	150	08/15/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**103**	**2**		20	150	08/17/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**97.2**			20	150	08/15/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**104**	**7**		20	150	08/17/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**98.7**			20	150	08/15/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**122**	**21**		20	150	08/17/2022	JMK
Chrysene - BS	EPA-8270 SIM	**99.0**			20	150	08/15/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**105**	**6**		20	150	08/17/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**97.9**			20	150	08/15/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**101**	**3**		20	150	08/17/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**102**			20	150	08/15/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**91.6**	**11**		20	150	08/17/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**90.1**			20	150	08/15/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	8/18/2022
		ALS SDG#:	EV22080053
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**97.4**	**8**		20	150	08/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**107**			20	150	08/15/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**103**	**3**		20	150	08/17/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**103**			20	150	08/15/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**96.2**	**7**		20	150	08/17/2022	JMK

ALS Test Batch ID: 182399 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**99.4**			80	120	08/15/2022	EBS
Lead - BSD	EPA-6020	**97.6**	**2**		80	120	08/15/2022	EBS

APPROVED BY

Laboratory Director

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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2080053

Date 8/10/22 Page 1 Of 1

PROJECT ID: ~~Sunset~~ Sunset Commons
REPORT TO COMPANY: Whatcom Environmental Svcs.
PROJECT MANAGER: Thom - Harold.
ADDRESS: 228 E. Champion #101
Bham, WA 98225
PHONE: 752-9571 P.O. #:
E-MAIL: tdavis@whatcom-es.com.
INVOICE TO COMPANY: Same
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐ BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐ MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify) Lead (Pb)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify)						NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
																				cPAHs (8270 SIM)		Naphthalenes (8270 SIM)					
1. PCS-3	8/10/22	1010	Soil	1		X	X	X									X			X		X				2	
2. Bldg-1-Floor-5ft		1020		2		X	X	X									X					X				2	
3. Bldg-1-South-2.5ft		1025		3		X	X	X									X			X		X				2	
4. Bldg-1-East-2.5ft		1035		4		X	X	X									X			X		X				2	
5. Bldg-1-North-2.5ft		1045		5		X	X	X									X					X				2	
6. Bldg-1-West-2.5ft		1050		6		X	X	X									X			#####		X				2	
7.																											
8.																											
9.																			Chlorinated	VA	5035A						
10.																											

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: WES 8-11-22 815p
   Received By: ALS 8/11/22 1:35 PM
2. Relinquished By: _____
   Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER: Specify: _____

*Turnaround request less than standard may incur Rush Charges

August 26, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On August 19th, 3 samples were received by our laboratory and assigned our laboratory project number EV22080091. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Carl Nott
Professional Scientist

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	8/26/2022
		ALS JOB#:	EV22080091
		ALS SAMPLE#:	EV22080091-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	08/19/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	8/18/2022 11:30:00 AM
CLIENT SAMPLE ID	PCS-4 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**100**	3.0	1	MG/KG	08/25/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	08/25/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	08/25/2022	KLS
Ethylbenzene	EPA-8021	**0.12**	0.050	1	MG/KG	08/25/2022	KLS
Xylenes	EPA-8021	**0.23**	0.20	1	MG/KG	08/25/2022	KLS
TPH-Diesel Range	NWTPH-DX	**6500**	620	25	MG/KG	08/24/2022	DHM
TPH-Oil Range	NWTPH-DX	**5600**	1200	25	MG/KG	08/24/2022	DHM
Naphthalene	EPA-8270 SIM	**11000**	200	10	UG/KG	08/25/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**52000**	1000	50	UG/KG	08/25/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**37000**	200	10	UG/KG	08/25/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	**640**	200	10	UG/KG	08/25/2022	JMK
Chrysene	EPA-8270 SIM	**1900**	200	10	UG/KG	08/25/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**570**	20	1	UG/KG	08/26/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	08/26/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	08/26/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	08/26/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	08/26/2022	JMK
Lead	EPA-6020	**12**	0.10	1	MG/KG	08/25/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**74.5**	08/25/2022	KLS
TFT	EPA-8021	**73.1**	08/25/2022	KLS
C25 25X Dilution	NWTPH-DX	**425 SUR07**	08/24/2022	DHM
Terphenyl-d14 50X Dilution	EPA-8270 SIM	**89.7**	08/25/2022	JMK
Terphenyl-d14 10X Dilution	EPA-8270 SIM	**102**	08/25/2022	JMK
Terphenyl-d14	EPA-8270 SIM	**99.8**	08/26/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, weathered diesel and lube oil.
Gasoline range product results biased high due to semivolatile range product overlap.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	8/26/2022
		ALS JOB#:	EV22080091
		ALS SAMPLE#:	EV22080091-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	08/19/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	8/18/2022 11:50:00 AM
CLIENT SAMPLE ID	Water Line East - 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**9.2**	3.0	1	MG/KG	08/25/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	08/25/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	08/25/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	08/25/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	08/25/2022	KLS
TPH-Diesel Range	NWTPH-DX	**36**	25	1	MG/KG	08/24/2022	DHM
TPH-Oil Range	NWTPH-DX	U	55	1	MG/KG	08/24/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**85.4**	08/25/2022	KLS
TFT	EPA-8021	**85.4**	08/25/2022	KLS
C25	NWTPH-DX	**97.0**	08/24/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product and an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	8/26/2022 EV22080091 EV22080091-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	08/19/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	8/18/2022 12:00:00 PM
CLIENT SAMPLE ID	Water Line Floor - 6ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	08/25/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	08/25/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	08/25/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	08/25/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	08/25/2022	KLS
TPH-Diesel Range	NWTPH-DX	**25**	25	1	MG/KG	08/24/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	08/24/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**78.7**	08/25/2022	KLS
TFT	EPA-8021	**79.2**	08/25/2022	KLS
C25	NWTPH-DX	**88.7**	08/24/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	8/26/2022
		ALS SDG#:	EV22080091
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-082522S - Batch 182925 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	08/25/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-082522S - Batch 182925 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	08/25/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	08/25/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	08/25/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	08/25/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-082422S - Batch 182884 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	08/24/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	08/24/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-082522S - Batch 182916 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	08/25/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	08/25/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	08/25/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	08/25/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	08/25/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	08/25/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	08/25/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	08/25/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	08/25/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	08/25/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-082422S - Batch 182817 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	08/25/2022	EBS

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	8/26/2022
		ALS SDG#:	EV22080091
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-082422S - Batch 182817 - Soil by EPA-6020

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 8/26/2022
ALS SDG#: EV22080091
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 182925 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**101**			66.5	122.7	08/25/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**102**	**1**		66.5	122.7	08/25/2022	KLS

ALS Test Batch ID: 182925 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**98.6**			67.7	124	08/25/2022	KLS
Benzene - BSD	EPA-8021	**99.1**	**1**		67.7	124	08/25/2022	KLS
Toluene - BS	EPA-8021	**101**			71	123	08/25/2022	KLS
Toluene - BSD	EPA-8021	**102**	**1**		71	123	08/25/2022	KLS
Ethylbenzene - BS	EPA-8021	**103**			69.8	117	08/25/2022	KLS
Ethylbenzene - BSD	EPA-8021	**104**	**1**		69.8	117	08/25/2022	KLS
Xylenes - BS	EPA-8021	**105**			70	119	08/25/2022	KLS
Xylenes - BSD	EPA-8021	**106**	**1**		70	119	08/25/2022	KLS

ALS Test Batch ID: 182884 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**91.4**			75.5	122.1	08/25/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**91.6**	**0**		75.5	122.1	08/25/2022	DHM

ALS Test Batch ID: 182916 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**91.6**			20	150	08/25/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**90.5**	**1**		20	150	08/25/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**96.4**			20	150	08/25/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**95.0**	**1**		20	150	08/25/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**94.6**			20	150	08/25/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**92.2**	**3**		20	150	08/25/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**83.3**			20	150	08/25/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**78.8**	**5**		20	150	08/25/2022	JMK
Chrysene - BS	EPA-8270 SIM	**94.9**			20	150	08/25/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**90.2**	**5**		20	150	08/25/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**83.1**			20	150	08/25/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**79.7**	**4**		20	150	08/25/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**94.1**			20	150	08/25/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**92.8**	**1**		20	150	08/25/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**72.9**			20	150	08/25/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	8/26/2022
		ALS SDG#:	EV22080091
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**72.5**	**1**		20	150	08/25/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**87.7**			20	150	08/25/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**86.3**	**2**		20	150	08/25/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**80.4**			20	150	08/25/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**79.9**	**1**		20	150	08/25/2022	JMK

ALS Test Batch ID: 182817 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**99.5**			80	120	08/25/2022	EBS
Lead - BSD	EPA-6020	**99.3**	**0**		80	120	08/25/2022	EBS

APPROVED BY



Professional Scientist

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ALS Group USA, Corp dba ALS Environmental

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ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV22080091

Date 8/19/22 Page 1 Of 1

PROJECT ID: Sunset Common
REPORT TO COMPANY: Whatcom Env. Svcs.
PROJECT MANAGER: Thom - Harold
ADDRESS: 228 E. Champion #101
Bham, WA 98225
PHONE: 752-9571 P.O. #:
E-MAIL: tdavis@whatcom-es.com
INVOICE TO COMPANY: Same ↑
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☒	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify) Lead (Pb)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify) cPAHs (8270 sim)	Naphthalenes (8270 Sim)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. PCS-4 2.5ft	8/18/22	1130	Soil	1		X	X	X												X		X	X	2	
2. Water Line East 2.5ft	"	1150	"	2		X	X	X																2	
3. Waterline Floor - 6ft	"	12pm	"	3		X	X	X																2	
4.																									
5.																									
6.																									
7.																									
8.																									
9.																									
10.																									

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: WES 8/19/22 @ 2400
   Received By: ALS 8-19-22 1445
2. Relinquished By: _____
   Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER: Specify: _____

*Turnaround request less than standard may incur Rush Charges

September 9, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On August 23rd, 1 sample was received by our laboratory and assigned our laboratory project number EV22080100. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

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ALS Group USA, Corp dba ALS Environmental

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	9/9/2022
		ALS JOB#:	EV22080100
		ALS SAMPLE#:	EV22080100-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	08/23/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	8/22/2022 12:55:00 PM
CLIENT SAMPLE ID	PCS-2 Disposal	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Heptachlor (TCLP)	EPA-8081/1311	U	0.050	1	UG/L	09/01/2022	JMK
Chlordane (TCLP)	EPA-8081/1311	U	0.10	1	UG/L	09/01/2022	JMK
Endrin (TCLP)	EPA-8081/1311	U	0.050	1	UG/L	09/01/2022	JMK
Toxaphene (TCLP)	EPA-8081/1311	U	2.0	1	UG/L	09/01/2022	JMK
Mercury (TCLP)	EPA-7470/1311	U	0.00020	1	MG/L	08/24/2022	RAL
Arsenic (TCLP)	EPA-6020/1311	U	0.0050	1	MG/L	08/25/2022	RAL
Barium (TCLP)	EPA-6020/1311	**0.23**	0.0050	1	MG/L	08/25/2022	RAL
Cadmium (TCLP)	EPA-6020/1311	U	0.0050	1	MG/L	08/25/2022	RAL
Chromium (TCLP)	EPA-6020/1311	U	0.0050	1	MG/L	08/25/2022	RAL
Lead (TCLP)	EPA-6020/1311	**0.058**	0.0050	1	MG/L	08/25/2022	RAL
Selenium (TCLP)	EPA-6020/1311	U	0.0050	1	MG/L	08/25/2022	RAL
Silver (TCLP)	EPA-6020/1311	U	0.0050	1	MG/L	08/25/2022	RAL
2,4,5-T (TCLP)	EPA-8151/1311	U	0.0010	1	MG/L	09/08/2022	FAL
2,4,5-TP (Silvex) (TCLP)	EPA-8151/1311	U	0.0010	1	MG/L	09/08/2022	FAL
2,4-D (TCLP)	EPA-8151/1311	U	0.0010	1	MG/L	09/08/2022	FAL
2,4-DB (TCLP)	EPA-8151/1311	U	0.0010	1	MG/L	09/08/2022	FAL
Dalapon (TCLP)	EPA-8151/1311	U	0.0020	1	MG/L	09/08/2022	FAL
Dicamba (TCLP)	EPA-8151/1311	U	0.0010	1	MG/L	09/08/2022	FAL
Dichloroprop (TCLP)	EPA-8151/1311	U	0.0010	1	MG/L	09/08/2022	FAL
Dinoseb (TCLP)	EPA-8151/1311	U	0.0010	1	MG/L	09/08/2022	FAL
MCPA (TCLP)	EPA-8151/1311	U	0.0050	1	MG/L	09/08/2022	FAL
MCPP (TCLP)	EPA-8151/1311	U	0.0050	1	MG/L	09/08/2022	FAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TCMX	EPA-8081/1311	**93.0**	09/01/2022	JMK
DCB	EPA-8081/1311	**80.2**	09/01/2022	JMK
2,4-Dichlorophenylacetic Acid	EPA-8151/1311	**100**	09/08/2022	FAL

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	9/9/2022
		ALS SDG#:	EV22080100
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-083022TCLP - Batch R416354 - TCLP Extract by EPA-8081

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Heptachlor	EPA-8081	U	UG/L	0.050	09/01/2022	JMK
Chlordane	EPA-8081	U	UG/L	0.10	09/01/2022	JMK
Endrin	EPA-8081	U	UG/L	0.050	09/01/2022	JMK
Toxaphene	EPA-8081	U	UG/L	2.0	09/01/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R416369 - Batch R416369 - TCLP Extract by EPA-7470

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Mercury	EPA-7470	U	MG/L	0.00020	08/24/2022	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R416370 - Batch R416370 - TCLP Extract by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Arsenic	EPA-6020	U	MG/L	0.0050	08/25/2022	RAL
Barium	EPA-6020	U	MG/L	0.0050	08/25/2022	RAL
Cadmium	EPA-6020	U	MG/L	0.0050	08/25/2022	RAL
Chromium	EPA-6020	U	MG/L	0.0050	08/25/2022	RAL
Lead	EPA-6020	U	MG/L	0.0050	08/25/2022	RAL
Selenium	EPA-6020	U	MG/L	0.0050	08/25/2022	RAL
Silver	EPA-6020	U	MG/L	0.0050	08/25/2022	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R416832 - Batch R416832 - TCLP Extract by EPA-8151

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
2,4,5-T	EPA-8151	U	MG/L	0.0010	09/08/2022	FAL
2,4,5-TP (Silvex)	EPA-8151	U	MG/L	0.0010	09/08/2022	FAL
2,4-D	EPA-8151	U	MG/L	0.0010	09/08/2022	FAL
2,4-DB	EPA-8151	U	MG/L	0.0010	09/08/2022	FAL
Dalapon	EPA-8151	U	MG/L	0.0020	09/08/2022	FAL
Dicamba	EPA-8151	U	MG/L	0.0010	09/08/2022	FAL
Dichloroprop	EPA-8151	U	MG/L	0.0010	09/08/2022	FAL
Dinoseb	EPA-8151	U	MG/L	0.0010	09/08/2022	FAL
MCPA	EPA-8151	U	MG/L	0.0050	09/08/2022	FAL
MCPP	EPA-8151	U	MG/L	0.0050	09/08/2022	FAL

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	9/9/2022
		ALS SDG#:	EV22080100
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBLK-R416832 - Batch R416832 - TCLP Extract by EPA-8151

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 9/9/2022
ALS SDG#: EV22080100
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: R416354 - TCLP Extract by EPA-8081

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Heptachlor - BS	EPA-8081	**83.1**			40	140	09/01/2022	JMK
Heptachlor - BSD	EPA-8081	**91.8**	**10**		40	140	09/01/2022	JMK
Endrin - BS	EPA-8081	**82.1**			40	140	09/01/2022	JMK
Endrin - BSD	EPA-8081	**90.9**	**10**		40	140	09/01/2022	JMK

ALS Test Batch ID: R416369 - TCLP Extract by EPA-7470

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Mercury - BS	EPA-7470	**103**			85	115	08/24/2022	RAL
Mercury - BSD	EPA-7470	**102**	**1**		85	115	08/24/2022	RAL

ALS Test Batch ID: R416370 - TCLP Extract by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Arsenic - BS	EPA-6020	**103**			89.1	110	08/25/2022	RAL
Arsenic - BSD	EPA-6020	**106**	**3**		89.1	110	08/25/2022	RAL
Barium - BS	EPA-6020	**103**			88.5	108	08/25/2022	RAL
Barium - BSD	EPA-6020	**104**	**1**		88.5	108	08/25/2022	RAL
Cadmium - BS	EPA-6020	**102**			89.4	109	08/25/2022	RAL
Cadmium - BSD	EPA-6020	**104**	**2**		89.4	109	08/25/2022	RAL
Lead - BS	EPA-6020	**102**			87.5	107	08/25/2022	RAL
Lead - BSD	EPA-6020	**103**	**1**		87.5	107	08/25/2022	RAL
Selenium - BS	EPA-6020	**102**			90.2	113	08/25/2022	RAL
Selenium - BSD	EPA-6020	**105**	**3**		90.2	113	08/25/2022	RAL
Silver - BS	EPA-6020	**98.0**			80	120	08/25/2022	RAL
Silver - BSD	EPA-6020	**99.0**	**1**		80	120	08/25/2022	RAL

ALS Test Batch ID: R416832 - TCLP Extract by EPA-8151

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
2,4,5-T - BS	EPA-8151	**78.0**			50	141	09/08/2022	FAL
2,4,5-T - BSD	EPA-8151	**87.8**	**12**		50	141	09/08/2022	FAL
2,4,5-TP (Silvex) - BS	EPA-8151	**79.2**			53.6	140	09/08/2022	FAL
2,4,5-TP (Silvex) - BSD	EPA-8151	**90.0**	**13**		53.6	140	09/08/2022	FAL
2,4-D - BS	EPA-8151	**79.5**			50.4	150	09/08/2022	FAL
2,4-D - BSD	EPA-8151	**89.5**	**12**		50.4	150	09/08/2022	FAL
2,4-DB - BS	EPA-8151	**74.0**			54.9	141	09/08/2022	FAL
2,4-DB - BSD	EPA-8151	**82.8**	**11**		54.9	141	09/08/2022	FAL
Dalapon - BS	EPA-8151	**54.5**			5.65	97.2	09/08/2022	FAL

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	9/9/2022
		ALS SDG#:	EV22080100
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dalapon - BSD	EPA-8151	**61.0**	**11**		5.65	97.2	09/08/2022	FAL
Dicamba - BS	EPA-8151	**75.8**			16.6	148	09/08/2022	FAL
Dicamba - BSD	EPA-8151	**87.2**	**14**		16.6	148	09/08/2022	FAL
Dichloroprop - BS	EPA-8151	**77.8**			53	135	09/08/2022	FAL
Dichloroprop - BSD	EPA-8151	**88.2**	**13**		53	135	09/08/2022	FAL
Dinoseb - BS	EPA-8151	**58.8**			5	119	09/08/2022	FAL
Dinoseb - BSD	EPA-8151	**49.5**	**17**		5	119	09/08/2022	FAL
MCPA - BS	EPA-8151	**83.5**			20.7	176	09/08/2022	FAL
MCPA - BSD	EPA-8151	**94.0**	**12**		20.7	176	09/08/2022	FAL
MCPP - BS	EPA-8151	**82.5**			28.7	166	09/08/2022	FAL
MCPP - BSD	EPA-8151	**93.0**	**12**		28.7	166	09/08/2022	FAL

APPROVED BY

Laboratory Director

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Everett, WA 98208
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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2208010

Date 8/23/22 Page 1 Of 1

PROJECT ID:	Sunset Commons
REPORT TO COMPANY:	Whatcom Environmental Svcs.
PROJECT MANAGER:	Thom - Harold
ADDRESS:	228 E. Champion #101
	B'ham, WA 98225
PHONE:	752-9571 P.O. #:
E-MAIL:	tdavis@
INVOICE TO COMPANY:	Same
ATTENTION:	
ADDRESS:	

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐ BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐ MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals X VOA ☐ Semi-Vol ☐ Pest X Herbs X	OTHER (Specify): ↳RCRA-8	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. PCS-2 Disposal	8/22/22	1255	Soil	1															X		2	
2.																						
3.																						
4.																						
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: WES 8/23/22 1015
   Received By: ALS 8-23-22 1015
2. Relinquished By: _____
   Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: (10 Standard) 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis: (5 Standard) 3 1 SAME DAY

OTHER: Specify: _____

*Turnaround request less than standard may incur Rush Charges

September 30, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On September 16th, 30 samples were received by our laboratory and assigned our laboratory project number EV22090072. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 11:20:00 AM
CLIENT SAMPLE ID	CS-1 3ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/20/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**88.2**	09/23/2022	KLS
TFT	EPA-8021	**90.3**	09/23/2022	KLS
C25	NWTPH-DX	**86.2**	09/20/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**88.1**	09/27/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 11:30:00 AM
CLIENT SAMPLE ID	CS-2 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**18**	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	**130**	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	**220**	50	1	MG/KG	09/20/2022	DHM
Naphthalene	EPA-8270 SIM	**80**	20	1	UG/KG	09/27/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**260**	20	1	UG/KG	09/27/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**350**	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	**44**	20	1	UG/KG	09/27/2022	JMK
Chrysene	EPA-8270 SIM	**160**	20	1	UG/KG	09/27/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	**130**	20	1	UG/KG	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**39**	20	1	UG/KG	09/27/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	**28**	20	1	UG/KG	09/27/2022	JMK

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**89.6**	09/23/2022	KLS
TFT	EPA-8021	**90.5**	09/23/2022	KLS
C25	NWTPH-DX	**82.7**	09/20/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**112**	09/27/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, weathered diesel and lube oil.
Diesel range product results biased high due to gasoline range product overlap.
Gasoline range product results biased high due to semivolatile range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 11:35:00 AM
CLIENT SAMPLE ID	CS-3 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/20/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**89.6**	09/23/2022	KLS
TFT	EPA-8021	**90.9**	09/23/2022	KLS
C25	NWTPH-DX	**83.1**	09/20/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 11:40:00 AM
CLIENT SAMPLE ID	CS-4 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**4.2**	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/20/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**88.3**	09/23/2022	KLS
TFT	EPA-8021	**89.6**	09/23/2022	KLS
C25	NWTPH-DX	**83.2**	09/20/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains extremely weathered gasoline.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 1:00:00 PM
CLIENT SAMPLE ID	CS-5 4ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**7.6**	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/20/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Mercury	EPA-7471	**0.068**	0.020	1	MG/KG	09/19/2022	RAL
Arsenic	EPA-6020	**6.4**	0.20	1	MG/KG	09/19/2022	RAL
Cadmium	EPA-6020	U	0.10	1	MG/KG	09/19/2022	RAL
Chromium	EPA-6020	**58**	0.10	1	MG/KG	09/19/2022	RAL
Lead	EPA-6020	**4.5**	0.10	1	MG/KG	09/19/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**76.7**	09/23/2022	KLS
TFT	EPA-8021	**79.5**	09/23/2022	KLS
C25	NWTPH-DX	**77.6**	09/20/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**92.7**	09/27/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 1:10:00 PM
CLIENT SAMPLE ID	CS-6 3ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/20/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**91.3**	09/23/2022	KLS
TFT	EPA-8021	**93.3**	09/23/2022	KLS
C25	NWTPH-DX	**67.6**	09/20/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 1:15:00 PM
CLIENT SAMPLE ID	CS-7 3.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/20/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**86.5**	09/23/2022	KLS
TFT	EPA-8021	**88.4**	09/23/2022	KLS
C25	NWTPH-DX	**71.8**	09/20/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 2:00:00 PM
CLIENT SAMPLE ID	CS-8 3.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/20/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**84.8**	09/23/2022	KLS
TFT	EPA-8021	**87.0**	09/23/2022	KLS
C25	NWTPH-DX	**72.7**	09/20/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**102**	09/27/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 2:10:00 PM
CLIENT SAMPLE ID	CS-9 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/20/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**92.0**	09/23/2022	KLS
TFT	EPA-8021	**93.0**	09/23/2022	KLS
C25	NWTPH-DX	**81.4**	09/20/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-10
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 2:15:00 PM
CLIENT SAMPLE ID	CS-10 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**110**	30	10	MG/KG	09/27/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	**0.080**	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	**0.13**	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	**0.51**	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	**660**	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	**870**	50	1	MG/KG	09/20/2022	DHM
Naphthalene	EPA-8270 SIM	**90**	20	1	UG/KG	09/27/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**210**	20	1	UG/KG	09/27/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**180**	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	**26**	20	1	UG/KG	09/27/2022	JMK
Chrysene	EPA-8270 SIM	**73**	20	1	UG/KG	09/27/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**53**	20	1	UG/KG	09/27/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	**37**	20	1	UG/KG	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**27**	20	1	UG/KG	09/27/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
PCB-1016	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1221	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1232	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1242	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1248	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1254	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1260	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1268	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
Mercury	EPA-7471	**0.025**	0.020	1	MG/KG	09/19/2022	RAL
Arsenic	EPA-6020	**4.4**	0.20	1	MG/KG	09/19/2022	RAL
Cadmium	EPA-6020	**0.41**	0.10	1	MG/KG	09/19/2022	RAL
Chromium	EPA-6020	**35**	0.10	1	MG/KG	09/19/2022	RAL
Lead	EPA-6020	**81**	0.10	1	MG/KG	09/19/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 10X Dilution	NWTPH-GX	U, SUR07	09/27/2022	KLS
TFT	EPA-8021	**90.3**	09/23/2022	KLS
C25	NWTPH-DX	**93.1**	09/20/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**83.4**	09/27/2022	JMK
TCMX	EPA-8082	**77.7**	09/29/2022	JMK
DCB	EPA-8082	**97.9**	09/29/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-10
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 2:15:00 PM
CLIENT SAMPLE ID	CS-10 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.
U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, weathered diesel and lube oil.
Diesel range product results biased high due to gasoline range product overlap.
Gasoline range product results biased high due to semivolatile range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-11
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 2:20:00 PM
CLIENT SAMPLE ID	CS-11 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/20/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**75.2**	09/23/2022	KLS
TFT	EPA-8021	**77.3**	09/23/2022	KLS
C25	NWTPH-DX	**80.3**	09/20/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-12
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 2:45:00 PM
CLIENT SAMPLE ID	CS-12 3.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**3.1**	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/20/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**76.4**	09/23/2022	KLS
TFT	EPA-8021	**77.6**	09/23/2022	KLS
C25	NWTPH-DX	**76.4**	09/20/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-13
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 2:55:00 PM
CLIENT SAMPLE ID	CS-13 4ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**6.1**	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/20/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**78.8**	09/23/2022	KLS
TFT	EPA-8021	**80.2**	09/23/2022	KLS
C25	NWTPH-DX	**76.9**	09/20/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**73.6**	09/27/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-14
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 3:00:00 PM
CLIENT SAMPLE ID	CS-14 4ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**3.0**	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/20/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**75.7**	09/23/2022	KLS
TFT	EPA-8021	**77.6**	09/23/2022	KLS
C25	NWTPH-DX	**75.8**	09/20/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains extremely weathered gasoline.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-15
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 3:30:00 PM
CLIENT SAMPLE ID	CS-15 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**52**	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/20/2022	DHM
Naphthalene	EPA-8270 SIM	**37**	20	1	UG/KG	09/27/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**22**	20	1	UG/KG	09/27/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Lead	EPA-6020	**7.6**	0.10	1	MG/KG	09/19/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**85.0**	09/23/2022	KLS
TFT	EPA-8021	**86.2**	09/23/2022	KLS
C25	NWTPH-DX	**86.7**	09/20/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**74.4**	09/27/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-16
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 3:40:00 PM
CLIENT SAMPLE ID	CS-16 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**20**	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	27	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	55	1	MG/KG	09/20/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
PCB-1016	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1221	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1232	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1242	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1248	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1254	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1260	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1268	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**86.2**	09/23/2022	KLS
TFT	EPA-8021	**87.7**	09/23/2022	KLS
C25	NWTPH-DX	**89.8**	09/20/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**81.1**	09/27/2022	JMK
TCMX	EPA-8082	**87.5**	09/29/2022	JMK
DCB	EPA-8082	**100**	09/29/2022	JMK

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Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-17
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/14/2022 9:00:00 AM
CLIENT SAMPLE ID	CS-17 5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	28	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	57	1	MG/KG	09/20/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**74.5**	09/23/2022	KLS
TFT	EPA-8021	**75.8**	09/23/2022	KLS
C25	NWTPH-DX	**87.2**	09/20/2022	DHM

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-18
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/14/2022 11:00:00 AM
CLIENT SAMPLE ID	CS-18 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/22/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**76.7**	09/23/2022	KLS
TFT	EPA-8021	**77.8**	09/23/2022	KLS
C25	NWTPH-DX	**74.2**	09/22/2022	DHM

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-19
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/14/2022 12:30:00 PM
CLIENT SAMPLE ID	CS-19 4ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/22/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**87.0**	09/23/2022	KLS
TFT	EPA-8021	**88.1**	09/23/2022	KLS
C25	NWTPH-DX	**83.3**	09/22/2022	DHM

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-20
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/14/2022 12:35:00 PM
CLIENT SAMPLE ID	CS-20 8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/23/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/23/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/23/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/23/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Mercury	EPA-7471	U	0.020	1	MG/KG	09/19/2022	RAL
Arsenic	EPA-6020	**2.8**	0.20	1	MG/KG	09/19/2022	RAL
Cadmium	EPA-6020	U	0.10	1	MG/KG	09/19/2022	RAL
Chromium	EPA-6020	**36**	0.10	1	MG/KG	09/19/2022	RAL
Lead	EPA-6020	**2.6**	0.10	1	MG/KG	09/19/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**74.1**	09/23/2022	KLS
TFT	EPA-8021	**75.9**	09/23/2022	KLS
C25	NWTPH-DX	**90.6**	09/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**93.6**	09/27/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-21
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/14/2022 12:40:00 PM
CLIENT SAMPLE ID	CS-21 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**6.8**	3.0	1	MG/KG	09/24/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/24/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/24/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
PCB-1016	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1221	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1232	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1242	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1248	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1254	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1260	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
PCB-1268	EPA-8082	U	0.10	1	MG/KG	09/29/2022	JMK
Mercury	EPA-7471	**0.021**	0.020	1	MG/KG	09/19/2022	RAL
Arsenic	EPA-6020	**3.6**	0.20	1	MG/KG	09/19/2022	RAL
Cadmium	EPA-6020	U	0.10	1	MG/KG	09/19/2022	RAL
Chromium	EPA-6020	**46**	0.10	1	MG/KG	09/19/2022	RAL
Lead	EPA-6020	**2.9**	0.10	1	MG/KG	09/19/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**77.9**	09/24/2022	KLS
TFT	EPA-8021	**79.6**	09/24/2022	KLS
C25	NWTPH-DX	**87.0**	09/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**78.7**	09/27/2022	JMK
TCMX	EPA-8082	**81.8**	09/29/2022	JMK
DCB	EPA-8082	**95.0**	09/29/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-21
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/14/2022 12:40:00 PM
CLIENT SAMPLE ID	CS-21 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-22
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/14/2022 12:45:00 PM
CLIENT SAMPLE ID	CS-22 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/24/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/24/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/24/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/22/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**84.4**	09/24/2022	KLS
TFT	EPA-8021	**85.1**	09/24/2022	KLS
C25	NWTPH-DX	**77.8**	09/22/2022	DHM

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-23
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/14/2022 12:50:00 PM
CLIENT SAMPLE ID	CS-23 6ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/24/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/24/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/24/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/22/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**72.4**	09/24/2022	KLS
TFT	EPA-8021	**74.6**	09/24/2022	KLS
C25	NWTPH-DX	**82.6**	09/22/2022	DHM

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-24
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/14/2022 1:00:00 PM
CLIENT SAMPLE ID	CS-24 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/24/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/24/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/24/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Lead	EPA-6020	**3.2**	0.10	1	MG/KG	09/19/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**80.6**	09/24/2022	KLS
TFT	EPA-8021	**81.2**	09/24/2022	KLS
C25	NWTPH-DX	**84.0**	09/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**84.8**	09/27/2022	JMK

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-25
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/14/2022 1:05:00 PM
CLIENT SAMPLE ID	CS-25 6ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/24/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/24/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/24/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Lead	EPA-6020	**3.1**	0.10	1	MG/KG	09/19/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**83.5**	09/24/2022	KLS
TFT	EPA-8021	**83.8**	09/24/2022	KLS
C25	NWTPH-DX	**79.0**	09/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**79.1**	09/27/2022	JMK

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-26
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/14/2022 3:00:00 PM
CLIENT SAMPLE ID	CS-26 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/24/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/24/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/24/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Lead	EPA-6020	**3.9**	0.10	1	MG/KG	09/19/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**78.7**	09/24/2022	KLS
TFT	EPA-8021	**80.5**	09/24/2022	KLS
C25	NWTPH-DX	**77.2**	09/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**92.1**	09/27/2022	JMK

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-27
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/14/2022 3:15:00 PM
CLIENT SAMPLE ID	CS-27 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/24/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/24/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/24/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/22/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**71.0**	09/24/2022	KLS
TFT	EPA-8021	**73.3**	09/24/2022	KLS
C25	NWTPH-DX	**101**	09/22/2022	DHM

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-28
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/14/2022 3:25:00 PM
CLIENT SAMPLE ID	CS-28 3.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/24/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/24/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/24/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/22/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**82.3**	09/24/2022	KLS
TFT	EPA-8021	**83.4**	09/24/2022	KLS
C25	NWTPH-DX	**78.3**	09/22/2022	DHM

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-29
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/14/2022 3:30:00 PM
CLIENT SAMPLE ID	CS-29 3.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/24/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/24/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/24/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	09/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	09/22/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**91.6**	09/24/2022	KLS
TFT	EPA-8021	**91.7**	09/24/2022	KLS
C25	NWTPH-DX	**75.3**	09/22/2022	DHM

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/30/2022 EV22090072 EV22090072-30
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/14/2022 3:35:00 PM
CLIENT SAMPLE ID	CS-30 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/24/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/24/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/24/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/24/2022	KLS
TPH-Diesel Range	NWTPH-DX	**36**	25	1	MG/KG	09/22/2022	DHM
TPH-Oil Range	NWTPH-DX	**67**	50	1	MG/KG	09/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/27/2022	JMK
Lead	EPA-6020	**5.3**	0.10	1	MG/KG	09/19/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**80.4**	09/24/2022	KLS
TFT	EPA-8021	**80.8**	09/24/2022	KLS
C25	NWTPH-DX	**87.8**	09/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**96.8**	09/27/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and light oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	9/30/2022
		ALS SDG#:	EV22090072
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-092322S - Batch 183991 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	09/23/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MBG-092322S2 - Batch 183992 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	09/23/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-092322S - Batch 183991 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	09/23/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	09/23/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	09/23/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-092322S2 - Batch 183992 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	09/23/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	09/23/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	09/23/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	09/23/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-092022S - Batch 183814 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	09/20/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-092222S - Batch 183936 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	09/22/2022	DHM

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 9/30/2022
ALS SDG#: EV22090072
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-092222S - Batch 183936 - Soil by NWTPH-DX

TPH-Oil Range	NWTPH-DX	U	MG/KG	50	09/22/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-092722S - Batch 184061 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	09/27/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	09/27/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	09/27/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	09/27/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	09/27/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	09/27/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	09/27/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	09/27/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	09/27/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-092922S - Batch 184204 - Soil by EPA-8082

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
PCB-1016	EPA-8082	U	MG/KG	0.10	09/29/2022	JMK
PCB-1221	EPA-8082	U	MG/KG	0.10	09/29/2022	JMK
PCB-1232	EPA-8082	U	MG/KG	0.10	09/29/2022	JMK
PCB-1242	EPA-8082	U	MG/KG	0.10	09/29/2022	JMK
PCB-1248	EPA-8082	U	MG/KG	0.10	09/29/2022	JMK
PCB-1254	EPA-8082	U	MG/KG	0.10	09/29/2022	JMK
PCB-1260	EPA-8082	U	MG/KG	0.10	09/29/2022	JMK
PCB-1268	EPA-8082	U	MG/KG	0.10	09/29/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R418208 - Batch R418208 - Soil by EPA-7471

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Mercury	EPA-7471	U	MG/KG	0.020	09/19/2022	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	9/30/2022
		ALS SDG#:	EV22090072
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-091922S - Batch 183781 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Arsenic	EPA-6020	U	MG/KG	0.20	09/19/2022	RAL
Cadmium	EPA-6020	U	MG/KG	0.10	09/19/2022	RAL
Chromium	EPA-6020	U	MG/KG	0.10	09/19/2022	RAL
Lead	EPA-6020	U	MG/KG	0.10	09/19/2022	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

DATE: 9/30/2022
ALS SDG#: EV22090072
WDOE ACCREDITATION: C601

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 183991 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**105**			66.5	122.7	09/23/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**105**	**0**		66.5	122.7	09/23/2022	KLS

ALS Test Batch ID: 183992 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**100**			66.5	122.7	09/24/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**101**	**0**		66.5	122.7	09/24/2022	KLS

ALS Test Batch ID: 183991 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**99.5**			67.7	124	09/23/2022	KLS
Benzene - BSD	EPA-8021	**98.9**	**1**		67.7	124	09/23/2022	KLS
Toluene - BS	EPA-8021	**97.8**			71	123	09/23/2022	KLS
Toluene - BSD	EPA-8021	**96.8**	**1**		71	123	09/23/2022	KLS
Ethylbenzene - BS	EPA-8021	**97.8**			69.8	117	09/23/2022	KLS
Ethylbenzene - BSD	EPA-8021	**96.7**	**1**		69.8	117	09/23/2022	KLS
Xylenes - BS	EPA-8021	**99.5**			70	119	09/23/2022	KLS
Xylenes - BSD	EPA-8021	**98.3**	**1**		70	119	09/23/2022	KLS

ALS Test Batch ID: 183992 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**96.6**			67.7	124	09/23/2022	KLS
Benzene - BSD	EPA-8021	**96.9**	**0**		67.7	124	09/24/2022	KLS
Toluene - BS	EPA-8021	**93.8**			71	123	09/23/2022	KLS
Toluene - BSD	EPA-8021	**93.8**	**0**		71	123	09/24/2022	KLS
Ethylbenzene - BS	EPA-8021	**92.1**			69.8	117	09/23/2022	KLS
Ethylbenzene - BSD	EPA-8021	**92.4**	**0**		69.8	117	09/24/2022	KLS
Xylenes - BS	EPA-8021	**93.4**			70	119	09/23/2022	KLS
Xylenes - BSD	EPA-8021	**93.5**	**0**		70	119	09/24/2022	KLS

ALS Test Batch ID: 183814 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**97.4**			75.5	122.1	09/20/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**98.1**	**1**		75.5	122.1	09/20/2022	DHM

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	9/30/2022
		ALS SDG#:	EV22090072
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 183936 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**99.6**			75.5	122.1	09/23/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**98.7**	**1**		75.5	122.1	09/22/2022	DHM

ALS Test Batch ID: 184061 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**78.6**			20	150	09/27/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**104**	**28**		20	150	09/27/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**81.5**			20	150	09/27/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**109**	**29**		20	150	09/27/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**77.2**			20	150	09/27/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**102**	**28**		20	150	09/27/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**80.3**			20	150	09/27/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**109**	**30**	SR1	20	150	09/27/2022	JMK
Chrysene - BS	EPA-8270 SIM	**84.2**			20	150	09/27/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**117**	**33**	SR1	20	150	09/27/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**78.8**			20	150	09/27/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**106**	**29**		20	150	09/27/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**87.9**			20	150	09/27/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**118**	**29**		20	150	09/27/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**82.1**			20	150	09/27/2022	JMK
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**106**	**25**		20	150	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**81.3**			20	150	09/27/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**108**	**28**		20	150	09/27/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**77.0**			20	150	09/27/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**104**	**30**		20	150	09/27/2022	JMK

SR1 - RPD outside of control limits.

ALS Test Batch ID: 184204 - Soil by EPA-8082

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
PCB-1016 - BS	EPA-8082	**71.5**			50	150	09/29/2022	JMK
PCB-1016 - BSD	EPA-8082	**68.9**	**4**		50	150	09/29/2022	JMK
PCB-1260 - BS	EPA-8082	**75.9**			50	150	09/29/2022	JMK
PCB-1260 - BSD	EPA-8082	**74.0**	**2**		50	150	09/29/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	9/30/2022
		ALS SDG#:	EV22090072
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: R418208 - Soil by EPA-7471

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Mercury - BS	EPA-7471	**107**			81.8	117	09/19/2022	RAL
Mercury - BSD	EPA-7471	**106**	**1**		81.8	117	09/19/2022	RAL

ALS Test Batch ID: 183781 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Arsenic - BS	EPA-6020	**99.4**			80	120	09/19/2022	RAL
Arsenic - BSD	EPA-6020	**99.4**	**0**		80	120	09/19/2022	RAL
Cadmium - BS	EPA-6020	**101**			80	120	09/19/2022	RAL
Cadmium - BSD	EPA-6020	**100**	**1**		80	120	09/19/2022	RAL
Chromium - BS	EPA-6020	**102**			80	120	09/19/2022	RAL
Chromium - BSD	EPA-6020	**102**	**0**		80	120	09/19/2022	RAL
Lead - BS	EPA-6020	**99.3**			80	120	09/19/2022	RAL
Lead - BSD	EPA-6020	**99.6**	**0**		80	120	09/19/2022	RAL

APPROVED BY

Laboratory Director

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http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2209072

Date 9/15/22 Page 1 Of 3

PROJECT ID: WO# Sunset Commons
REPORT TO COMPANY: Whatcom Environmental Svcs.
PROJECT MANAGER: Thom - Harold
ADDRESS: 228 E Champion #101 Bellingham, WA 98225
PHONE: 752-9571 P.O. #:
E-MAIL: tdaws@whatcom-es.com
INVOICE TO COMPANY: Same ↑
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

OTHER (Specify)

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☒	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☒	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☒	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify)	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐	cPAHs (8270 SIM)	Naphthalenes (8270 SIM)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. CS-1 3ft	9/13/22	1120	soil	1		X	X	X																						X	X	2	
2. CS-2 2.5ft		1130		2		X	X	X																						X	X	2	
3. CS-3 2.5ft		1135		3		X	X	X																								2	
4. CS-4 2.5ft		1140		4		X	X	X																								2	
5. CS-5 4ft		1300		5		X	X	X												X										X	X	2	
6. CS-6 3ft		1310		6		X	X	X																								2	
7. CS-7 3.5ft		1315		7		X	X	X																								2	
8. CS-8 3.5ft		2pm		8		X	X	X																						X	X	2	
9. CS-9 2.5ft		210p		9		X	X	X																								2	
10. CS-10 2.5ft		215p		10		X	X	X										X		X										X	X	2	

SPECIAL INSTRUCTIONS: All samples collected via SO35A

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: WES 9/15/22 @ 1130
   Received By: ALS 9-16-22 10:50
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: (10 Standard) 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis: (5 Standard) 3 1 SAME DAY

OTHER: Specify:

*Turnaround request less than standard may incur Rush Charges

ALS Environmental
8620 Holly Drive, Suite 100
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Phone (425) 356-2600
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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): Ev220900 72

Date 9/15/22 Page 2 Of 3

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom Env. Svcs
PROJECT MANAGER: Thom - Harold
ADDRESS: 226 E. Champion #101
Bham, WA 98225
PHONE: 752-8571 P.O. #:
E-MAIL: tdavis@whatcom-es.com
INVOICE TO COMPANY: Same
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

OTHER (Specify)

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 X / BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐ / MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 X / Pesticides by EPA 8081 ☐	Metals-MTCA-5 X / RCRA-8 ☐ / Pri Pol ☐ / TAL ☐	Metals Other (Specify) Lead	TCLP-Metals ☐ / VOA ☐ / Semi-Vol ☐ / Pest ☐ / Herbs ☐		cPAHs (8270 SIM)		Naphthalenes (8270 SIM)				NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. CS-11 2.5ft	9/13/22	1420	Soil	11		X	X	X																			2
2. CS-12 3.5ft		245		12		X	X	X																			2
3. CS-13 4ft		1455		13		X	X	X													X		X				2
4. CS-14 4ft		3pm		14		X	X	X																			2
5. CS-15 2.5ft		330p		15		X	X	X										X			X		X				2
6. CS-16 2.5ft	9/13/22	340p		16		X	X	X								X					X		X				2
7. CS-17 5ft	9/14/22	9am		17		X	X	X																			2
8. CS-18 2.5ft		11am		18		X	X	X																			2
9. CS-19 4ft		1230p		19		X	X	X																			2
10. CS-20 8ft		1235		20		X	X	X									X				X		X				2

SPECIAL INSTRUCTIONS: All samples collected via 5035A

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: WES 9/15/22 1130
   Received By: ALS 9-16-22 10:50
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: (10) Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: (5) Standard | 3 | 1 | SAME DAY

OTHER: Specify:

*Turnaround request less than standard may incur Rush Charges

ALS Environmental
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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2209072

Date 9/15/22 Page 3 Of 3

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom Env. Svcs
PROJECT MANAGER: Thom - Harold
ADDRESS: 228 E. Champion #101
Bham, WA 98225
PHONE: 752-9571 P.O. #:
E-MAIL: tdavis@whatcom-es.com
INVOICE TO COMPANY: Same
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

OTHER (Specify)

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 X / BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐ / MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 X / Pesticides by EPA 8081 ☐	Metals-MTCA-5 X / RCRA-8 ☐ / Pri Pol ☐ / TAL ☐	Metals Other (Specify) Lead	TCLP-Metals ☐ / VOA ☐ / Semi-Vol ☐ / Pest ☐ / Herbs ☐	cPAHs (8270SIM)	Naphthalenes (8270 SIM)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. CS-21 2.5ft	9/14/22	1240	Soil	21		X	X	X								X	X			X	X	2	
2. CS-22 2.5ft		1245		22		X	X	X														2	
3. CS-23 6ft		1250		23		X	X	X														2	
4. CS-24 2.5ft		1pm		24		X	X	X										X		X	X	2	
5. CS-25 6ft		105p		25		X	X	X										X		X	X	2	
6. CS-26 2.5ft		3pm		26		X	X	X										X		X	X	2	
7. CS-27 2.5ft		315p		27		X	X	X														2	
8. CS-28 3.5ft		325		28		X	X	X														2	
9. CS-29 3.5ft		330		29		X	X	X														2	
10. CS-30 2.5ft		335		30		X	X	X										X		X	X	2	

SPECIAL INSTRUCTIONS: All samples collected via SOSSA

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: WES 9/15/22 @ 1130
   Received By: ALS 9-16-22 10150
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: (10) Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: (5) Standard | 3 | 1 | SAME DAY

OTHER: Specify:

*Turnaround request less than standard may incur Rush Charges

September 23, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On September 16th, 2 samples were received by our laboratory and assigned our laboratory project number EV22090073. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/23/2022 EV22090073 EV22090073-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/13/2022 3:50:00 PM
CLIENT SAMPLE ID	PCS-5 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**200**	30	10	MG/KG	09/22/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/22/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/22/2022	KLS
Ethylbenzene	EPA-8021	**0.052**	0.050	1	MG/KG	09/22/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/22/2022	KLS
TPH-Diesel Range	NWTPH-DX	**920**	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	**660**	50	1	MG/KG	09/20/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 10X Dilution	NWTPH-GX	**50.0 SUR07**	09/22/2022	KLS
TFT	EPA-8021	**83.7**	09/22/2022	KLS
C25	NWTPH-DX	**113**	09/20/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, weathered diesel and light oil.
Gasoline range product results biased high due to semivolatile range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	9/23/2022 EV22090073 EV22090073-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/14/2022 10:00:00 AM
CLIENT SAMPLE ID	PCS-6 2ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**1800**	300	100	MG/KG	09/22/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/22/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/22/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/22/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/22/2022	KLS
TPH-Diesel Range	NWTPH-DX	**990**	25	1	MG/KG	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	**60**	50	1	MG/KG	09/20/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 100X Dilution	NWTPH-GX	U, SUR07	09/22/2022	KLS
TFT	EPA-8021	**75.5**	09/22/2022	KLS
C25	NWTPH-DX	**86.8**	09/20/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, weathered diesel and an unidentified oil range product.
Oil range product results biased high due to diesel range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	9/23/2022
		ALS SDG#:	EV22090073
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-092122S - Batch 183879 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	09/22/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-092122S - Batch 183879 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	09/22/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	09/22/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	09/22/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	09/22/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-092022S - Batch 183814 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	09/20/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	09/20/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	9/23/2022
		ALS SDG#:	EV22090073
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 183879 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**102**			66.5	122.7	09/22/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**102**	**0**		66.5	122.7	09/22/2022	KLS

ALS Test Batch ID: 183879 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**98.6**			67.7	124	09/22/2022	KLS
Benzene - BSD	EPA-8021	**97.5**	**1**		67.7	124	09/22/2022	KLS
Toluene - BS	EPA-8021	**96.4**			71	123	09/22/2022	KLS
Toluene - BSD	EPA-8021	**94.5**	**2**		71	123	09/22/2022	KLS
Ethylbenzene - BS	EPA-8021	**94.5**			69.8	117	09/22/2022	KLS
Ethylbenzene - BSD	EPA-8021	**93.3**	**1**		69.8	117	09/22/2022	KLS
Xylenes - BS	EPA-8021	**96.1**			70	119	09/22/2022	KLS
Xylenes - BSD	EPA-8021	**95.0**	**1**		70	119	09/22/2022	KLS

ALS Test Batch ID: 183814 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**97.4**			75.5	122.1	09/20/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**98.1**	**1**		75.5	122.1	09/20/2022	DHM

APPROVED BY



Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
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Everett, WA 98208
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http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2209073

Date 9/15/22 Page 1 Of 1

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom Env. Svcs
PROJECT MANAGER: Thom Harold
ADDRESS: 226 E Champion #101
Bellingham, WA 98225
PHONE: 752-9571 P.O. #:
E-MAIL: tdavis@whatcom-es.com
INVOICE TO COMPANY: Same ↑
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☒	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify) Lead	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. PCS-5 2.5ft	9/13/22	350p	Soil	1		X	X	X														4	
2. PCS-6 2ft	9/14/22	10AM	Soil	2		X	X	X														6	
3.																							
4.																							
5.																							
6.																							
7.																							
8.																							
9.																							
10.																							

SPECIAL INSTRUCTIONS Hold Extra bottles, please — All samples collected via SOP5A

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: [signature] WES 9/15/22 @ 1130
   Received By: [signature] ALS 9-16-22 10:50
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER: Specify:

*Turnaround request less than standard may incur Rush Charges

October 3, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On September 28th, 1 sample was received by our laboratory and assigned our laboratory project number EV22090140. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Glen Perry
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/3/2022 EV22090140 EV22090140-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/28/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/27/2022 12:00:00 PM
CLIENT SAMPLE ID	PCS-7 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**620**	30	10	MG/KG	09/30/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/29/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/29/2022	KLS
Ethylbenzene	EPA-8021	**0.11**	0.050	1	MG/KG	09/29/2022	KLS
Xylenes	EPA-8021	**0.63**	0.20	1	MG/KG	09/29/2022	KLS
TPH-Diesel Range	NWTPH-DX	**2300**	1200	50	MG/KG	10/03/2022	DHM
TPH-Oil Range	NWTPH-DX	**3700**	2500	50	MG/KG	10/03/2022	DHM
Naphthalene	EPA-8270 SIM	**1800**	200	10	UG/KG	09/29/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**7600**	200	10	UG/KG	09/29/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**5900**	200	10	UG/KG	09/29/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	**40**	20	1	UG/KG	09/29/2022	JMK
Chrysene	EPA-8270 SIM	**120**	20	1	UG/KG	09/29/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**75**	20	1	UG/KG	09/29/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	**50**	20	1	UG/KG	09/29/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	**32**	20	1	UG/KG	09/29/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**39**	20	1	UG/KG	09/29/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	09/29/2022	JMK
Mercury	EPA-7471	U	0.020	1	MG/KG	09/29/2022	RAL
Arsenic	EPA-6020	**4.1**	0.20	1	MG/KG	09/29/2022	RAL
Cadmium	EPA-6020	**0.27**	0.10	1	MG/KG	09/29/2022	RAL
Chromium	EPA-6020	**38**	0.20	1	MG/KG	09/29/2022	RAL
Lead	EPA-6020	**92**	0.10	1	MG/KG	09/29/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 10X Dilution	NWTPH-GX	**6.10 SUR07**	09/30/2022	KLS
TFT	EPA-8021	**84.6**	09/29/2022	KLS
C25 50X Dilution	NWTPH-DX	**278 SUR07**	10/03/2022	DHM
Terphenyl-d14 10X Dilution	EPA-8270 SIM	**106**	09/29/2022	JMK
Terphenyl-d14	EPA-8270 SIM	**77.4**	09/29/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, an unidentified diesel range product and an unidentified oil range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/3/2022
		ALS SDG#:	EV22090140
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-092922S - Batch 184205 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	09/29/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-092922S - Batch 184205 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	09/29/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	09/29/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	09/29/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	09/29/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-093022S - Batch 184250 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	09/30/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	09/30/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-092922S - Batch 184309 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	09/29/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	09/29/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	09/29/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	09/29/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	09/29/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	09/29/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	09/29/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	09/29/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	09/29/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	09/29/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R418424 - Batch R418424 - Soil by EPA-7471

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Mercury	EPA-7471	U	MG/KG	0.020	09/29/2022	RAL

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Environmental www.alsglobal.com
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ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/3/2022
		ALS SDG#:	EV22090140
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBLK-R418424 - Batch R418424 - Soil by EPA-7471

U - Analyte analyzed for but not detected at level above reporting limit.

MB-092922S - Batch 184279 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Arsenic	EPA-6020	U	MG/KG	0.20	09/29/2022	RAL
Cadmium	EPA-6020	U	MG/KG	0.10	09/29/2022	RAL
Chromium	EPA-6020	U	MG/KG	0.20	09/29/2022	RAL
Lead	EPA-6020	U	MG/KG	0.10	09/29/2022	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

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ALS Group USA, Corp dba ALS Environmental

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 10/3/2022
ALS SDG#: EV22090140
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 184205 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**98.6**			66.5	122.7	09/29/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**97.2**	**1**		66.5	122.7	09/29/2022	KLS

ALS Test Batch ID: 184205 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**87.5**			67.7	124	09/29/2022	KLS
Benzene - BSD	EPA-8021	**86.8**	**1**		67.7	124	09/29/2022	KLS
Toluene - BS	EPA-8021	**86.6**			71	123	09/29/2022	KLS
Toluene - BSD	EPA-8021	**85.7**	**1**		71	123	09/29/2022	KLS
Ethylbenzene - BS	EPA-8021	**86.6**			69.8	117	09/29/2022	KLS
Ethylbenzene - BSD	EPA-8021	**85.7**	**1**		69.8	117	09/29/2022	KLS
Xylenes - BS	EPA-8021	**88.3**			70	119	09/29/2022	KLS
Xylenes - BSD	EPA-8021	**87.3**	**1**		70	119	09/29/2022	KLS

ALS Test Batch ID: 184250 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**102**			75.5	122.1	09/30/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**99.6**	**2**		75.5	122.1	09/30/2022	DHM

ALS Test Batch ID: 184309 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**96.6**			20	150	09/29/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**84.2**	**14**		20	150	09/29/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**103**			20	150	09/29/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**90.2**	**14**		20	150	09/29/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**97.1**			20	150	09/29/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**85.1**	**13**		20	150	09/29/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**105**			20	150	09/29/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**89.7**	**16**		20	150	09/29/2022	JMK
Chrysene - BS	EPA-8270 SIM	**106**			20	150	09/29/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**91.4**	**15**		20	150	09/29/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**98.1**			20	150	09/29/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**85.5**	**14**		20	150	09/29/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**102**			20	150	09/29/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**89.8**	**13**		20	150	09/29/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**103**			20	150	09/29/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS SDG#: WDOE ACCREDITATION:	10/3/2022 EV22090140 C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**88.9**	**15**		20	150	09/29/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**110**			20	150	09/29/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**96.1**	**13**		20	150	09/29/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**106**			20	150	09/29/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**93.1**	**13**		20	150	09/29/2022	JMK

ALS Test Batch ID: R418424 - Soil by EPA-7471

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Mercury - BS	EPA-7471	**106**			81.8	117	09/29/2022	RAL
Mercury - BSD	EPA-7471	**106**	**0**		81.8	117	09/29/2022	RAL

ALS Test Batch ID: 184279 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Arsenic - BS	EPA-6020	**99.4**			80	120	09/29/2022	RAL
Arsenic - BSD	EPA-6020	**100**	**1**		80	120	09/29/2022	RAL
Cadmium - BS	EPA-6020	**102**			80	120	09/29/2022	RAL
Cadmium - BSD	EPA-6020	**102**	**0**		80	120	09/29/2022	RAL
Chromium - BS	EPA-6020	**102**			80	120	09/29/2022	RAL
Chromium - BSD	EPA-6020	**102**	**0**		80	120	09/29/2022	RAL
Lead - BS	EPA-6020	**98.6**			80	120	09/29/2022	RAL
Lead - BSD	EPA-6020	**97.3**	**1**		80	120	09/29/2022	RAL

APPROVED BY



Laboratory Director

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Everett, WA 98208
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http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2209014O

Date 9/27/22 Page 1 Of 1

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom Envr Svcs
PROJECT MANAGER: Thom - Harold
ADDRESS: 228 E. Champion #101
Bham WA 98225
PHONE: 752-9571 P.O. #:
E-MAIL: thomas whatcomcf.com
INVOICE TO COMPANY: same
ATTENTION:
ADDRESS:

SAMPLE I.D.	DATE	TIME	TYPE	LAB#
1. PCS-7 1.5ft	9/27/22	12pm	S.1	1
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

ANALYSIS REQUESTED

NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☒	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☒	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify)	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐
	X	X	X												X									

OTHER (Specify)

Naphthalenes (8270 SIM)	cPAHs (8270 SIM)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
X	X	2	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: WES 9/27/22 @ 1445
   Received By:
2. Relinquished By:
   Received By: Shawn Robinson ALS 9/28/22 3:45pm

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER:
Specify:

*Turnaround request less than standard may incur Rush Charges

October 5, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On September 28th, 6 samples were received by our laboratory and assigned our laboratory project number EV22090141. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/5/2022 EV22090141 EV22090141-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/28/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/27/2022 12:30:00 PM
CLIENT SAMPLE ID	CS-31 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**48**	3.0	1	MG/KG	09/30/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/30/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/30/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/30/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/30/2022	KLS
TPH-Diesel Range	NWTPH-DX	**180**	25	1	MG/KG	10/04/2022	DHM
TPH-Oil Range	NWTPH-DX	**400**	50	1	MG/KG	10/04/2022	DHM
Naphthalene	EPA-8270 SIM	**74**	20	1	UG/KG	10/05/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**140**	20	1	UG/KG	10/05/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**180**	20	1	UG/KG	10/05/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
Lead	EPA-6020	**29**	0.10	1	MG/KG	09/30/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**74.5**	09/30/2022	KLS
TFT	EPA-8021	**72.1**	09/30/2022	KLS
C25	NWTPH-DX	**112**	10/04/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**108**	10/05/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, weathered diesel and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/5/2022 EV22090141 EV22090141-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/28/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/27/2022 12:45:00 PM
CLIENT SAMPLE ID	CS-32 1.75ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/30/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/30/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/30/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/30/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/30/2022	KLS
TPH-Diesel Range	NWTPH-DX	**30**	25	1	MG/KG	10/05/2022	DHM
TPH-Oil Range	NWTPH-DX	**67**	50	1	MG/KG	10/05/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**79.1**	09/30/2022	KLS
TFT	EPA-8021	**76.7**	09/30/2022	KLS
C25	NWTPH-DX	**82.5**	10/05/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains weathered diesel and lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/5/2022 EV22090141 EV22090141-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/28/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/27/2022 12:50:00 PM
CLIENT SAMPLE ID	CS-33 2ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/30/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/30/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/30/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/30/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/30/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/05/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/05/2022	JMK
Lead	EPA-6020	**3.5**	0.10	1	MG/KG	09/30/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**79.1**	09/30/2022	KLS
TFT	EPA-8021	**77.1**	09/30/2022	KLS
C25	NWTPH-DX	**84.2**	10/05/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**99.8**	10/05/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/5/2022 EV22090141 EV22090141-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/28/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/27/2022 1:00:00 PM
CLIENT SAMPLE ID	CS-34 2ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/29/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/29/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/29/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/29/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/29/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/05/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**81.8**	09/29/2022	KLS
TFT	EPA-8021	**80.4**	09/29/2022	KLS
C25	NWTPH-DX	**91.8**	10/05/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/5/2022 EV22090141 EV22090141-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/28/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/27/2022 1:15:00 PM
CLIENT SAMPLE ID	CS-35 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/29/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/29/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/29/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/29/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/29/2022	KLS
TPH-Diesel Range	NWTPH-DX	**36**	25	1	MG/KG	10/05/2022	DHM
TPH-Oil Range	NWTPH-DX	**210**	50	1	MG/KG	10/05/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**87.8**	09/29/2022	KLS
TFT	EPA-8021	**85.0**	09/29/2022	KLS
C25	NWTPH-DX	**87.9**	10/05/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/5/2022 EV22090141 EV22090141-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	09/28/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	9/27/2022 1:10:00 PM
CLIENT SAMPLE ID	CS-36 1ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	09/29/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	09/29/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	09/29/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	09/29/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	09/29/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/04/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/04/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**67.3**	09/29/2022	KLS
TFT	EPA-8021	**67.2**	09/29/2022	KLS
C25	NWTPH-DX	**90.0**	10/04/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

DATE: 10/5/2022
ALS SDG#: EV22090141
WDOE ACCREDITATION: C601

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

LABORATORY BLANK RESULTS

MBG-092922S - Batch 184205 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	09/29/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-092922S - Batch 184205 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	09/29/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	09/29/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	09/29/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	09/29/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-100322S - Batch 184382 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	10/04/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	10/04/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-100422S - Batch 184455 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	10/05/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	10/05/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	10/05/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	10/05/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	10/05/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	10/05/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	10/05/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	10/05/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	10/05/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	10/05/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-093022S - Batch 184280 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	09/30/2022	RAL

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS SDG#: WDOE ACCREDITATION:	10/5/2022 EV22090141 C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-093022S - Batch 184280 - Soil by EPA-6020

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 10/5/2022
ALS SDG#: EV22090141
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 184205 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**98.6**			66.5	122.7	09/29/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**97.2**	**1**		66.5	122.7	09/29/2022	KLS

ALS Test Batch ID: 184205 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**87.5**			67.7	124	09/29/2022	KLS
Benzene - BSD	EPA-8021	**86.8**	**1**		67.7	124	09/29/2022	KLS
Toluene - BS	EPA-8021	**86.6**			71	123	09/29/2022	KLS
Toluene - BSD	EPA-8021	**85.7**	**1**		71	123	09/29/2022	KLS
Ethylbenzene - BS	EPA-8021	**86.6**			69.8	117	09/29/2022	KLS
Ethylbenzene - BSD	EPA-8021	**85.7**	**1**		69.8	117	09/29/2022	KLS
Xylenes - BS	EPA-8021	**88.3**			70	119	09/29/2022	KLS
Xylenes - BSD	EPA-8021	**87.3**	**1**		70	119	09/29/2022	KLS

ALS Test Batch ID: 184382 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**99.7**			75.5	122.1	10/04/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**99.1**	**1**		75.5	122.1	10/04/2022	DHM

ALS Test Batch ID: 184455 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**93.0**			20	150	10/05/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**97.3**	**4**		20	150	10/05/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**96.9**			20	150	10/05/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**101**	**4**		20	150	10/05/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**100**			20	150	10/05/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**104**	**4**		20	150	10/05/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**85.9**			20	150	10/05/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**91.4**	**6**		20	150	10/05/2022	JMK
Chrysene - BS	EPA-8270 SIM	**104**			20	150	10/05/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**111**	**6**		20	150	10/05/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**85.2**			20	150	10/05/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**88.1**	**3**		20	150	10/05/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**100**			20	150	10/05/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**104**	**3**		20	150	10/05/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**98.3**			20	150	10/05/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/5/2022
		ALS SDG#:	EV22090141
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**103**	**4**		20	150	10/05/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**90.2**			20	150	10/05/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**87.7**	**3**		20	150	10/05/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**93.5**			20	150	10/05/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**91.3**	**2**		20	150	10/05/2022	JMK

ALS Test Batch ID: 184280 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**97.9**			80	120	09/30/2022	RAL
Lead - BSD	EPA-6020	**101**	**3**		80	120	09/30/2022	RAL

APPROVED BY

Laboratory Director

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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2209141

Date 9/27/22 Page 1 Of 1

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom Environmental Svcs.
PROJECT MANAGER: Thom - Harold
ADDRESS: 228 E. Champion #101
Bham, WA 98225
PHONE: P.O. #:
E-MAIL: tdavis@whatcom-[illegible].com
INVOICE TO COMPANY: Same
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☒ / BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐ / MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify) Lead (Pb)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify) Naphthalenes (8270SIM)	cPAHs (8270 SIM)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. CS-31 1.5ft	9/27/22	1230	S	1		X	X	X										X		X	X	2	
2. CS-32 1.75ft		1245		2		X	X	X														2	
3. CS-33 2ft		1250		3		X	X	X										X		X	X	2	
4. CS-34 2ft		1pm		4		X	X	X														2	
5. CS-35 1.5ft		105pm		5		X	X	X														2	
6. CS-36 1ft		110pm		6		X	X	X														2	
7.																							
8.																							
9.																							
10.																							

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: WES 9/27/22/1445.
Received By:
2. Relinquished By:
Received By: Shawn Robinson ALS 9/28/22 3:45

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER:
Specify:

*Turnaround request less than standard may incur Rush Charges

October 12, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On October 5th, 10 samples were received by our laboratory and assigned our laboratory project number EV22100013. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Glen Perry
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/12/2022
		ALS JOB#:	EV22100013
		ALS SAMPLE#:	EV22100013-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/05/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 2:30:00 PM
CLIENT SAMPLE ID	CS-37 1.25ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/05/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/05/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/05/2022	KLS
TPH-Diesel Range	NWTPH-DX	**320**	120	5	MG/KG	10/06/2022	DHM
TPH-Oil Range	NWTPH-DX	**1200**	250	5	MG/KG	10/06/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	**54**	20	1	UG/KG	10/06/2022	JMK
Chrysene	EPA-8270 SIM	**110**	20	1	UG/KG	10/06/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**150**	20	1	UG/KG	10/06/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	**77**	20	1	UG/KG	10/06/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	**110**	20	1	UG/KG	10/06/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**100**	20	1	UG/KG	10/06/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	**34**	20	1	UG/KG	10/06/2022	JMK
Lead	EPA-6020	**250**	0.10	1	MG/KG	10/06/2022	EBS
Lead (TCLP)	EPA-6020/1311	**0.051**	0.031	6.25	MG/L	10/12/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**72.6**	10/05/2022	KLS
TFT	EPA-8021	**69.6**	10/05/2022	KLS
C25 5X Dilution	NWTPH-DX	**129**	10/06/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**104**	10/06/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/12/2022 EV22100013 EV22100013-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/05/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 2:40:00 PM
CLIENT SAMPLE ID	CS-38 1ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**7.2**	3.0	1	MG/KG	10/05/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/05/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/05/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/06/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/06/2022	DHM
Lead	EPA-6020	**17**	0.10	1	MG/KG	10/06/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**59.3 SUR12**	10/05/2022	KLS
TFT	EPA-8021	**58.0 SUR12**	10/05/2022	KLS
C25	NWTPH-DX	**68.3**	10/06/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
SUR12 -Surrogate recoveries were outside of the control limits due to matrix interference.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/12/2022
		ALS JOB#:	EV22100013
		ALS SAMPLE#:	EV22100013-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/05/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 2:50:00 PM
CLIENT SAMPLE ID	CS-39 1ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**3.6**	3.0	1	MG/KG	10/05/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/05/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/05/2022	KLS
TPH-Diesel Range	NWTPH-DX	**440**	50	2	MG/KG	10/06/2022	DHM
TPH-Oil Range	NWTPH-DX	**2100**	100	2	MG/KG	10/06/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Lead	EPA-6020	**13**	0.10	1	MG/KG	10/06/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**60.9**	10/05/2022	KLS
TFT	EPA-8021	**59.4 SUR12**	10/05/2022	KLS
C25 2X Dilution	NWTPH-DX	**68.0**	10/06/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**92.3**	10/06/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
SUR12 -Surrogate recoveries were outside of the control limits due to matrix interference.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/12/2022
		ALS JOB#:	EV22100013
		ALS SAMPLE#:	EV22100013-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/05/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 3:00:00 PM
CLIENT SAMPLE ID	CS-40 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**14**	3.0	1	MG/KG	10/05/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/05/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/05/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/06/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/06/2022	DHM
Lead	EPA-6020	**6.4**	0.10	1	MG/KG	10/06/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**68.8**	10/05/2022	KLS
TFT	EPA-8021	**66.7**	10/05/2022	KLS
C25	NWTPH-DX	**109**	10/06/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

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ALS Group USA, Corp dba ALS Environmental

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/12/2022
		ALS JOB#:	EV22100013
		ALS SAMPLE#:	EV22100013-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/05/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 3:10:00 PM
CLIENT SAMPLE ID	CS-41 1ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/05/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/05/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/05/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/06/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/06/2022	DHM
Lead	EPA-6020	**5.0**	0.10	1	MG/KG	10/06/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**74.9**	10/05/2022	KLS
TFT	EPA-8021	**72.0**	10/05/2022	KLS
C25	NWTPH-DX	**106**	10/06/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/12/2022
		ALS JOB#:	EV22100013
		ALS SAMPLE#:	EV22100013-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/05/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 3:15:00 PM
CLIENT SAMPLE ID	CS-42 1.25ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**14**	3.0	1	MG/KG	10/05/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/05/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/05/2022	KLS
TPH-Diesel Range	NWTPH-DX	**340**	25	1	MG/KG	10/06/2022	DHM
TPH-Oil Range	NWTPH-DX	**900**	50	1	MG/KG	10/06/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**29**	20	1	UG/KG	10/06/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**25**	20	1	UG/KG	10/06/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Chrysene	EPA-8270 SIM	**37**	20	1	UG/KG	10/06/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Lead	EPA-6020	**26**	0.10	1	MG/KG	10/06/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**68.0**	10/05/2022	KLS
TFT	EPA-8021	**64.9**	10/05/2022	KLS
C25	NWTPH-DX	**68.8**	10/06/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**109**	10/06/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/12/2022
		ALS JOB#:	EV22100013
		ALS SAMPLE#:	EV22100013-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/05/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 3:20:00 PM
CLIENT SAMPLE ID	CS-43 2ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/05/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/05/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/05/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/06/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/06/2022	DHM
Lead	EPA-6020	**4.7**	0.10	1	MG/KG	10/06/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**72.7**	10/05/2022	KLS
TFT	EPA-8021	**69.7**	10/05/2022	KLS
C25	NWTPH-DX	**95.4**	10/06/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/12/2022
		ALS JOB#:	EV22100013
		ALS SAMPLE#:	EV22100013-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/05/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 3:25:00 PM
CLIENT SAMPLE ID	CS-44 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/05/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/05/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/05/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/06/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/06/2022	DHM
Lead	EPA-6020	**6.6**	0.10	1	MG/KG	10/06/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**91.0**	10/05/2022	KLS
TFT	EPA-8021	**85.3**	10/05/2022	KLS
C25	NWTPH-DX	**98.9**	10/06/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/12/2022
		ALS JOB#:	EV22100013
		ALS SAMPLE#:	EV22100013-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/05/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 3:30:00 PM
CLIENT SAMPLE ID	CS-45 5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/05/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/05/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/05/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/06/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/06/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/06/2022	JMK
Lead	EPA-6020	**5.2**	0.10	1	MG/KG	10/06/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**83.7**	10/05/2022	KLS
TFT	EPA-8021	**79.2**	10/05/2022	KLS
C25	NWTPH-DX	**93.6**	10/06/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**96.7**	10/06/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/12/2022 EV22100013 EV22100013-10
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/05/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 3:40:00 PM
CLIENT SAMPLE ID	CS-46 3ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/05/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/05/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/05/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/05/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/06/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/06/2022	DHM
Lead	EPA-6020	**5.5**	0.10	1	MG/KG	10/06/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**75.9**	10/05/2022	KLS
TFT	EPA-8021	**71.8**	10/05/2022	KLS
C25	NWTPH-DX	**96.0**	10/06/2022	DHM

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/12/2022
		ALS SDG#:	EV22100013
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-100522S - Batch 184449 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	10/05/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-100522S - Batch 184449 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	10/05/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	10/05/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	10/05/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	10/05/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-100622S - Batch 184625 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	10/06/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	10/06/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-100622S - Batch 184518 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	10/06/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	10/06/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	10/06/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	10/06/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	10/06/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	10/06/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	10/06/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	10/06/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	10/06/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	10/06/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-100622S - Batch 184490 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	10/06/2022	EBS

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/12/2022
		ALS SDG#:	EV22100013
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-100622S - Batch 184490 - Soil by EPA-6020

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R419237 - Batch R419237 - TCLP Extract by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/L	0.031	10/12/2022	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 10/12/2022
ALS SDG#: EV22100013
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 184449 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**103**			66.5	122.7	10/05/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**102**	**1**		66.5	122.7	10/05/2022	KLS

ALS Test Batch ID: 184449 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**89.3**			67.7	124	10/05/2022	KLS
Benzene - BSD	EPA-8021	**89.7**	**0**		67.7	124	10/05/2022	KLS
Toluene - BS	EPA-8021	**89.2**			71	123	10/05/2022	KLS
Toluene - BSD	EPA-8021	**89.1**	**0**		71	123	10/05/2022	KLS
Ethylbenzene - BS	EPA-8021	**89.9**			69.8	117	10/05/2022	KLS
Ethylbenzene - BSD	EPA-8021	**89.5**	**0**		69.8	117	10/05/2022	KLS
Xylenes - BS	EPA-8021	**91.3**			70	119	10/05/2022	KLS
Xylenes - BSD	EPA-8021	**91.0**	**0**		70	119	10/05/2022	KLS

ALS Test Batch ID: 184625 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**111**			75.5	122.1	10/06/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**109**	**2**		75.5	122.1	10/06/2022	DHM

ALS Test Batch ID: 184518 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**89.8**			20	150	10/06/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**98.1**	**9**		20	150	10/06/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**96.8**			20	150	10/06/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**105**	**8**		20	150	10/06/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**94.3**			20	150	10/06/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**102**	**7**		20	150	10/06/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**95.3**			20	150	10/06/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**108**	**12**		20	150	10/06/2022	JMK
Chrysene - BS	EPA-8270 SIM	**99.0**			20	150	10/06/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**113**	**13**		20	150	10/06/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**92.4**			20	150	10/06/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**101**	**9**		20	150	10/06/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**97.0**			20	150	10/06/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**106**	**9**		20	150	10/06/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**96.8**			20	150	10/06/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 10/12/2022
ALS SDG#: EV22100013
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**106**	**9**		20	150	10/06/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**105**			20	150	10/06/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**117**	**11**		20	150	10/06/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**99.9**			20	150	10/06/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**111**	**11**		20	150	10/06/2022	JMK

ALS Test Batch ID: 184490 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**100**			80	120	10/06/2022	EBS
Lead - BSD	EPA-6020	**102**	**1**		80	120	10/06/2022	EBS

ALS Test Batch ID: R419237 - TCLP Extract by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**102**			87.5	107	10/12/2022	RAL
Lead - BSD	EPA-6020	**102**	**0**		87.5	107	10/12/2022	RAL

APPROVED BY

Laboratory Director

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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2210013

Date 10/4/22 Page 1 Of 1

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom ENV. SVCS
PROJECT MANAGER: Thom - Harold
ADDRESS: 228 E. Champion #101
Bham, WA 98225
PHONE: 752-9571 P.O. #:
E-MAIL: tdavis@whatcom-es.com
INVOICE TO COMPANY: Same
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☒	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify)	TCLP-Metals ☒	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐	OTHER (Specify)						NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
																								Lead (Pb)	Pb only					Naphthalenes (8270 SIM)		cPAHs (8270 SIM)					
1. CS-37 1.25ft	10/4/22	230	Soil	1		X	X	X															X	X					X		X				2	
2. CS-38 1ft		240		2		X	X	X															X												2	
3. CS-39 1ft		250		3		X	X	X															X						X		X				2	
4. CS-40 1.5ft		3pm		4		X	X	X															X												2	
5. CS-41 1ft		310		5		X	X	X															X												2	
6. CS-42 1.25ft		315		6		X	X	X															X						X		X				4	
7. CS-43 2ft		320		7		X	X	X															X												2	
8. CS-44 2.5ft		325		8		X	X	X															X												2	
9. CS-45 5ft		330		9		X	X	X															X						X		X				2	
10. CS-46 3ft		340		10		X	X	X															X												2	

SPECIAL INSTRUCTIONS Thom added TCLP Pb on 10/10/22 PAH Due 10/12/22

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: WES on 10/4/22 @ 5pm
Received By:
2. Relinquished By:
Received By: Shawn Robinson ALS 10/5/22 0930

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER: Specify:

*Turnaround request less than standard may incur Rush Charges

October 10, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On October 5th, 1 sample was received by our laboratory and assigned our laboratory project number EV22100019. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Glen Perry
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/10/2022
		ALS JOB#:	EV22100019
		ALS SAMPLE#:	EV22100019-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/05/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	8/22/2022 12:55:00 PM
CLIENT SAMPLE ID	PCS-2 Disposal	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	**17**	0.10	1	MG/KG	10/06/2022	EBS

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/10/2022
		ALS SDG#:	EV22100019
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-100622S - Batch 184490 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	10/06/2022	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/10/2022
		ALS SDG#:	EV22100019
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 184490 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**100**			80	120	10/06/2022	EBS
Lead - BSD	EPA-6020	**102**	**1**		80	120	10/06/2022	EBS

APPROVED BY

Laboratory Director

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ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
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http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2205010019

Date 8/23/22 Page 1 Of 1

PROJECT ID:	Sunset Commons
REPORT TO COMPANY:	Whatcom Environmental Svcs.
PROJECT MANAGER:	Thom - Harold
ADDRESS:	228 E. Champion #101 B'ham, WA 98225
PHONE:	752-9571 P.O. #:
E-MAIL:	tdavis@
INVOICE TO COMPANY:	Same
ATTENTION:	
ADDRESS:	

SAMPLE I.D.	DATE	TIME	TYPE	LAB#
1. PCS-2 Disposal	8/22/22	1255	Soil	1
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

ANALYSIS REQUESTED

NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify)	TCLP-Metals X VOA ☐ Semi-Vol ☐ Pest X Herbs X
																			X Lead	X RCRA-8

OTHER (Specify)

NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
2	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: WES 8/23/22 1015
   Received By: ALS 8-23-22 1015
2. Relinquished By: _____
   Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER: Specify: _____

*Turnaround request less than standard may incur Rush Charges

October 21, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On October 7th, 1 sample was received by our laboratory and assigned our laboratory project number EV22100042. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Glen Perry
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/21/2022 EV22100042 EV22100042-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 3:45:00 PM
CLIENT SAMPLE ID	PCS-8 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**170**	30	10	MG/KG	10/18/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/21/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/21/2022	KLS
Ethylbenzene	EPA-8021	**0.14**	0.050	1	MG/KG	10/21/2022	KLS
Xylenes	EPA-8021	**0.22**	0.20	1	MG/KG	10/21/2022	KLS
TPH-Diesel Range	NWTPH-DX	**2700**	1200	50	MG/KG	10/12/2022	DHM
TPH-Oil Range	NWTPH-DX	**12000**	2500	50	MG/KG	10/12/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	25	1	UG/KG	10/10/2022	DLC
Chloromethane	EPA-8260	U	23	1	UG/KG	10/10/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
Bromomethane	EPA-8260	U	26	1	UG/KG	10/10/2022	DLC
Chloroethane	EPA-8260	U	20	1	UG/KG	10/10/2022	DLC
Carbon Tetrachloride	EPA-8260	U	13	1	UG/KG	10/10/2022	DLC
Trichlorofluoromethane	EPA-8260	U	16	1	UG/KG	10/10/2022	DLC
1,1-Dichloroethene	EPA-8260	U	25	1	UG/KG	10/10/2022	DLC
Methylene Chloride	EPA-8260	U	130	1	UG/KG	10/10/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	24	1	UG/KG	10/10/2022	DLC
1,1-Dichloroethane	EPA-8260	U	13	1	UG/KG	10/10/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	15	1	UG/KG	10/10/2022	DLC
2,2-Dichloropropane	EPA-8260	U	19	1	UG/KG	10/10/2022	DLC
Bromochloromethane	EPA-8260	U	17	1	UG/KG	10/10/2022	DLC
Chloroform	EPA-8260	U	24	1	UG/KG	10/10/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	26	1	UG/KG	10/10/2022	DLC
1,1-Dichloropropene	EPA-8260	U	21	1	UG/KG	10/10/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
Trichloroethene	EPA-8260	U	14	1	UG/KG	10/10/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
Dibromomethane	EPA-8260	U	25	1	UG/KG	10/10/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	17	1	UG/KG	10/10/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	11	1	UG/KG	10/10/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
Tetrachloroethylene	EPA-8260	U	16	1	UG/KG	10/10/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
1,2-Dibromoethane	EPA-8260	U	6.0	1	UG/KG	10/10/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/21/2022 EV22100042 EV22100042-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 3:45:00 PM
CLIENT SAMPLE ID	PCS-8 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bromoform	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	18	1	UG/KG	10/10/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
Bromobenzene	EPA-8260	U	12	1	UG/KG	10/10/2022	DLC
2-Chlorotoluene	EPA-8260	U	13	1	UG/KG	10/10/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	10/10/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	15	1	UG/KG	10/10/2022	DLC
Hexachlorobutadiene	EPA-8260	U	13	1	UG/KG	10/10/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
Naphthalene	EPA-8270 SIM	**400**	20	1	UG/KG	10/14/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**340**	20	1	UG/KG	10/14/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**630**	20	1	UG/KG	10/14/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/14/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/14/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	40	10	UG/KG	10/14/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	33	10	UG/KG	10/14/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	33	10	UG/KG	10/14/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	39	10	UG/KG	10/14/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	46	10	UG/KG	10/14/2022	JMK
PCB-1016	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1221	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1232	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1242	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1248	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1254	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1260	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1268	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
Mercury	EPA-7471	**0.037**	0.020	1	MG/KG	10/10/2022	RAL
Arsenic	EPA-6020	**4.4**	0.20	1	MG/KG	10/10/2022	EBS
Cadmium	EPA-6020	**0.33**	0.10	1	MG/KG	10/10/2022	EBS
Chromium	EPA-6020	**41**	0.10	1	MG/KG	10/10/2022	EBS
Lead	EPA-6020	**160**	0.10	1	MG/KG	10/10/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/21/2022 EV22100042 EV22100042-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 3:45:00 PM
CLIENT SAMPLE ID	PCS-8 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 10X Dilution	NWTPH-GX	**19.7 SUR07**	10/18/2022	KLS
TFT	EPA-8021	**83.6**	10/21/2022	KLS
C25 50X Dilution	NWTPH-DX	**445 SUR07**	10/12/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**92.6**	10/10/2022	DLC
4-Bromofluorobenzene	EPA-8260	**96.6**	10/10/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**82.0**	10/14/2022	JMK
Terphenyl-d14 10X Dilution	EPA-8270 SIM	**113**	10/14/2022	JMK
TCMX	EPA-8082	**76.4**	10/11/2022	JMK
DCB	EPA-8082	**79.5**	10/11/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, an unidentified diesel range product and lube oil. Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/21/2022
		ALS SDG#:	EV22100042
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-101822S - Batch 185131 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	10/18/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101822S - Batch 185131 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	10/18/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	10/18/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	10/18/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	10/18/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101222S - Batch 184858 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	10/12/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	10/12/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101022S - Batch 184922 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Chloromethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Bromomethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Chloroethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Methylene Chloride	EPA-8260	U	UG/KG	20	10/10/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Chloroform	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 10/21/2022
ALS SDG#: EV22100042
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-101022S - Batch 184922 - Soil by EPA-8260

1,1-Dichloropropene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Trichloroethene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Dibromochloromethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	10/10/2022	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Bromoform	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
2-Chlorotoluene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	10/10/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	10/10/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101322S - Batch 184886 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	10/13/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	10/13/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	10/13/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	10/13/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	10/13/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	10/13/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	10/13/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	10/13/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 10/21/2022
ALS SDG#: EV22100042
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-101322S - Batch 184886 - Soil by EPA-8270 SIM

Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	10/13/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	10/13/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101122S - Batch 184835 - Soil by EPA-8082

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
PCB-1016	EPA-8082	U	MG/KG	0.10	10/11/2022	JMK
PCB-1221	EPA-8082	U	MG/KG	0.10	10/11/2022	JMK
PCB-1232	EPA-8082	U	MG/KG	0.10	10/11/2022	JMK
PCB-1242	EPA-8082	U	MG/KG	0.10	10/11/2022	JMK
PCB-1248	EPA-8082	U	MG/KG	0.10	10/11/2022	JMK
PCB-1254	EPA-8082	U	MG/KG	0.10	10/11/2022	JMK
PCB-1260	EPA-8082	U	MG/KG	0.10	10/11/2022	JMK
PCB-1268	EPA-8082	U	MG/KG	0.10	10/11/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R419182 - Batch R419182 - Soil by EPA-7471

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Mercury	EPA-7471	U	MG/KG	0.020	10/10/2022	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101022S - Batch 184621 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Arsenic	EPA-6020	U	MG/KG	0.20	10/10/2022	EBS
Cadmium	EPA-6020	U	MG/KG	0.10	10/10/2022	EBS
Chromium	EPA-6020	U	MG/KG	0.10	10/10/2022	EBS
Lead	EPA-6020	U	MG/KG	0.10	10/10/2022	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 185131 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**80.6**			66.5	122.7	10/18/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**90.7**	**12**	SR1	66.5	122.7	10/18/2022	KLS

SR1 - RPD outside of control limits.

ALS Test Batch ID: 185131 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**80.7**			67.7	124	10/18/2022	KLS
Benzene - BSD	EPA-8021	**79.6**	**1**		67.7	124	10/18/2022	KLS
Toluene - BS	EPA-8021	**79.0**			71	123	10/18/2022	KLS
Toluene - BSD	EPA-8021	**76.7**	**3**		71	123	10/18/2022	KLS
Ethylbenzene - BS	EPA-8021	**77.4**			69.8	117	10/18/2022	KLS
Ethylbenzene - BSD	EPA-8021	**73.6**	**5**		69.8	117	10/18/2022	KLS
Xylenes - BS	EPA-8021	**78.1**			70	119	10/18/2022	KLS
Xylenes - BSD	EPA-8021	**74.1**	**5**		70	119	10/18/2022	KLS

ALS Test Batch ID: 184858 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**97.0**			75.5	122.1	10/12/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**99.8**	**3**		75.5	122.1	10/12/2022	DHM

ALS Test Batch ID: 184922 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**92.8**			50	150	10/10/2022	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**93.6**	**1**		50	150	10/10/2022	DLC
Chloromethane - BS	EPA-8260	**102**			50	150	10/10/2022	DLC
Chloromethane - BSD	EPA-8260	**105**	**3**		50	150	10/10/2022	DLC
Vinyl Chloride - BS	EPA-8260	**105**			50	150	10/10/2022	DLC
Vinyl Chloride - BSD	EPA-8260	**104**	**1**		50	150	10/10/2022	DLC
Bromomethane - BS	EPA-8260	**103**			50	150	10/10/2022	DLC
Bromomethane - BSD	EPA-8260	**109**	**5**		50	150	10/10/2022	DLC
Chloroethane - BS	EPA-8260	**92.5**			50	150	10/10/2022	DLC
Chloroethane - BSD	EPA-8260	**93.8**	**1**		50	150	10/10/2022	DLC
Carbon Tetrachloride - BS	EPA-8260	**103**			50	150	10/10/2022	DLC
Carbon Tetrachloride - BSD	EPA-8260	**102**	**1**		50	150	10/10/2022	DLC
Trichlorofluoromethane - BS	EPA-8260	**104**			50	150	10/10/2022	DLC
Trichlorofluoromethane - BSD	EPA-8260	**103**	**1**		50	150	10/10/2022	DLC

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WDOE ACCREDITATION: C601

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BS	EPA-8260	**97.9**			70	130	10/10/2022	DLC
1,1-Dichloroethene - BSD	EPA-8260	**97.7**	**0**		70	130	10/10/2022	DLC
Methylene Chloride - BS	EPA-8260	**134**			50	150	10/10/2022	DLC
Methylene Chloride - BSD	EPA-8260	**155**	**14**	SQ3	50	150	10/10/2022	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**94.6**			50	150	10/10/2022	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**96.9**	**2**		50	150	10/10/2022	DLC
1,1-Dichloroethane - BS	EPA-8260	**97.1**			50	150	10/10/2022	DLC
1,1-Dichloroethane - BSD	EPA-8260	**99.6**	**3**		50	150	10/10/2022	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**98.3**			50	150	10/10/2022	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**100**	**2**		50	150	10/10/2022	DLC
2,2-Dichloropropane - BS	EPA-8260	**104**			50	150	10/10/2022	DLC
2,2-Dichloropropane - BSD	EPA-8260	**104**	**1**		50	150	10/10/2022	DLC
Bromochloromethane - BS	EPA-8260	**93.4**			50	150	10/10/2022	DLC
Bromochloromethane - BSD	EPA-8260	**97.1**	**4**		50	150	10/10/2022	DLC
Chloroform - BS	EPA-8260	**104**			50	150	10/10/2022	DLC
Chloroform - BSD	EPA-8260	**105**	**2**		50	150	10/10/2022	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**99.7**			50	150	10/10/2022	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**99.3**	**0**		50	150	10/10/2022	DLC
1,1-Dichloropropene - BS	EPA-8260	**99.5**			50	150	10/10/2022	DLC
1,1-Dichloropropene - BSD	EPA-8260	**97.9**	**2**		50	150	10/10/2022	DLC
1,2-Dichloroethane - BS	EPA-8260	**102**			50	150	10/10/2022	DLC
1,2-Dichloroethane - BSD	EPA-8260	**104**	**2**		50	150	10/10/2022	DLC
Trichloroethene - BS	EPA-8260	**101**			75	136	10/10/2022	DLC
Trichloroethene - BSD	EPA-8260	**97.9**	**3**		75	136	10/10/2022	DLC
1,2-Dichloropropane - BS	EPA-8260	**97.5**			50	150	10/10/2022	DLC
1,2-Dichloropropane - BSD	EPA-8260	**96.4**	**1**		50	150	10/10/2022	DLC
Dibromomethane - BS	EPA-8260	**101**			50	150	10/10/2022	DLC
Dibromomethane - BSD	EPA-8260	**103**	**2**		50	150	10/10/2022	DLC
Bromodichloromethane - BS	EPA-8260	**103**			50	150	10/10/2022	DLC
Bromodichloromethane - BSD	EPA-8260	**102**	**0**		50	150	10/10/2022	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**101**			50	150	10/10/2022	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**103**	**2**		50	150	10/10/2022	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**107**			50	150	10/10/2022	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**105**	**1**		50	150	10/10/2022	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**94.4**			50	150	10/10/2022	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**99.2**	**5**		50	150	10/10/2022	DLC
1,3-Dichloropropane - BS	EPA-8260	**91.7**			50	150	10/10/2022	DLC
1,3-Dichloropropane - BSD	EPA-8260	**97.0**	**6**		50	150	10/10/2022	DLC
Tetrachloroethylene - BS	EPA-8260	**96.8**			50	150	10/10/2022	DLC
Tetrachloroethylene - BSD	EPA-8260	**96.3**	**1**		50	150	10/10/2022	DLC

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CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dibromochloromethane - BS	EPA-8260	**100**			50	150	10/10/2022	DLC
Dibromochloromethane - BSD	EPA-8260	**103**	**3**		50	150	10/10/2022	DLC
1,2-Dibromoethane - BS	EPA-8260	**98.3**			50	150	10/10/2022	DLC
1,2-Dibromoethane - BSD	EPA-8260	**102**	**3**		50	150	10/10/2022	DLC
Chlorobenzene - BS	EPA-8260	**92.8**			79	128	10/10/2022	DLC
Chlorobenzene - BSD	EPA-8260	**94.1**	**1**		79	128	10/10/2022	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**97.3**			50	150	10/10/2022	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**100**	**3**		50	150	10/10/2022	DLC
Bromoform - BS	EPA-8260	**103**			50	150	10/10/2022	DLC
Bromoform - BSD	EPA-8260	**107**	**4**		50	150	10/10/2022	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**88.8**			50	150	10/10/2022	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**90.6**	**2**		50	150	10/10/2022	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**89.9**			50	150	10/10/2022	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**92.2**	**3**		50	150	10/10/2022	DLC
Bromobenzene - BS	EPA-8260	**92.6**			50	150	10/10/2022	DLC
Bromobenzene - BSD	EPA-8260	**91.1**	**2**		50	150	10/10/2022	DLC
2-Chlorotoluene - BS	EPA-8260	**88.2**			50	150	10/10/2022	DLC
2-Chlorotoluene - BSD	EPA-8260	**84.4**	**5**		50	150	10/10/2022	DLC
4-Chlorotoluene - BS	EPA-8260	**89.6**			50	150	10/10/2022	DLC
4-Chlorotoluene - BSD	EPA-8260	**86.3**	**4**		50	150	10/10/2022	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**92.4**			50	150	10/10/2022	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**90.0**	**3**		50	150	10/10/2022	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**91.0**			50	150	10/10/2022	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**90.3**	**1**		50	150	10/10/2022	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**91.5**			50	150	10/10/2022	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**90.5**	**1**		50	150	10/10/2022	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**88.6**			50	150	10/10/2022	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**91.3**	**3**		50	150	10/10/2022	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**94.7**			50	150	10/10/2022	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**92.5**	**2**		50	150	10/10/2022	DLC
Hexachlorobutadiene - BS	EPA-8260	**95.4**			50	150	10/10/2022	DLC
Hexachlorobutadiene - BSD	EPA-8260	**89.7**	**6**		50	150	10/10/2022	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**96.0**			50	150	10/10/2022	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**95.8**	**0**		50	150	10/10/2022	DLC

SQ3 - Spike outside of control limits due to sporadic marginal failure. All other spikes in extraction fraction within control limits. No corrective action taken.

ALS Test Batch ID: 184886 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**91.5**			20	150	10/14/2022	JMK

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LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BSD	EPA-8270 SIM	**92.6**	**1**		20	150	10/14/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**90.3**			20	150	10/14/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**92.3**	**2**		20	150	10/14/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**95.2**			20	150	10/14/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**95.6**	**0**		20	150	10/14/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**84.0**			20	150	10/14/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**87.0**	**4**		20	150	10/14/2022	JMK
Chrysene - BS	EPA-8270 SIM	**97.6**			20	150	10/14/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**101**	**4**		20	150	10/14/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**87.2**			20	150	10/14/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**87.1**	**0**		20	150	10/14/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**109**			20	150	10/14/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**116**	**6**		20	150	10/14/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**95.0**			20	150	10/14/2022	JMK
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**88.1**	**8**		20	150	10/14/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**91.9**			20	150	10/14/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**96.8**	**5**		20	150	10/14/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**94.1**			20	150	10/14/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**100**	**6**		20	150	10/14/2022	JMK

ALS Test Batch ID: 184835 - Soil by EPA-8082

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
PCB-1016 - BS	EPA-8082	**79.8**			50	150	10/11/2022	JMK
PCB-1016 - BSD	EPA-8082	**76.7**	**4**		50	150	10/11/2022	JMK
PCB-1260 - BS	EPA-8082	**84.6**			50	150	10/11/2022	JMK
PCB-1260 - BSD	EPA-8082	**84.3**	**0**		50	150	10/11/2022	JMK

ALS Test Batch ID: R419182 - Soil by EPA-7471

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Mercury - BS	EPA-7471	**102**			81.8	117	10/10/2022	RAL
Mercury - BSD	EPA-7471	**101**	**1**		81.8	117	10/10/2022	RAL

ALS Test Batch ID: 184621 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Arsenic - BS	EPA-6020	**103**			80	120	10/14/2022	EBS
Arsenic - BSD	EPA-6020	**106**	**2**		80	120	10/14/2022	EBS
Cadmium - BS	EPA-6020	**105**			80	120	10/14/2022	EBS

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/21/2022
		ALS SDG#:	EV22100042
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Cadmium - BSD	EPA-6020	**107**	**2**		80	120	10/14/2022	EBS
Chromium - BS	EPA-6020	**95.7**			80	120	10/14/2022	EBS
Chromium - BSD	EPA-6020	**99.4**	**4**		80	120	10/14/2022	EBS
Lead - BS	EPA-6020	**99.8**			80	120	10/14/2022	EBS
Lead - BSD	EPA-6020	**103**	**3**		80	120	10/14/2022	EBS

APPROVED BY

Laboratory Director

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Everett, WA 98208
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Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2210oc 38 42

Date 10/7/22 Page 1 Of 1

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom Environmental
PROJECT MANAGER: Thom- Harold
ADDRESS: 725 E Champion #101
Bellingham, WA 98225
PHONE: 752-9571 P.O. #:
E-MAIL: tdavis@whatcom-es.com
INVOICE TO COMPANY: Same
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☒	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☒	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☒	RCRA-8 ☐	Pri Pol ☐	TAL ☐	Metals Other (Specify)	TCLP-Metals ☐	VOA ☐	Semi-Vol ☐	Pest ☐	Herbs ☐	OTHER (Specify)						NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
																														cPAHs (8270SIM)	Naphthalenes (8270SIM)						
1. PCS-8 1.5ft	10/5/22	345p	Soil	1		X	X	X				X						X		X										X	X				5	
2.																																					
3.																																					
4.																																					
5.																																					
6.																																					
7.																																					
8.																																					
9.																																					
10.																																					

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Ava Gempler 10/7/22 13:10
   Received By: ALS 10-7-22 1:10
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: (10 Standard) 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis: (5 Standard) 3 1 SAME DAY

OTHER: Specify:

*Turnaround request less than standard may incur Rush Charges

November 17, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On November 3rd, 1 sample was received by our laboratory and assigned our laboratory project number EV22110027. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Glen Perry
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	11/17/2022 EV22110027 EV22110027-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/03/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/2/2022 1:30:00 PM
CLIENT SAMPLE ID	PCS-9 1ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**28**	3.0	1	MG/KG	11/16/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/16/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/16/2022	KLS
TPH-Diesel Range	NWTPH-DX	**160**	120	5	MG/KG	11/08/2022	DHM
TPH-Oil Range	NWTPH-DX	**3200**	250	5	MG/KG	11/08/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/08/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/08/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**23**	20	1	UG/KG	11/08/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/08/2022	JMK
Chrysene	EPA-8270 SIM	**77**	20	1	UG/KG	11/08/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/08/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/08/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/08/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**25**	20	1	UG/KG	11/08/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/08/2022	JMK
Lead	EPA-6020	**13**	0.10	1	MG/KG	11/04/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**47.5 S**	11/16/2022	KLS
TFT	EPA-8021	**85.6**	11/16/2022	KLS
C25 5X Dilution	NWTPH-DX	**76.2**	11/08/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**75.6**	11/08/2022	JMK
Terphenyl-d14	EPA-8270 SIM	**65.7**	11/08/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
S - Outside of control limits.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, weathered diesel 1 and lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	11/17/2022
		ALS SDG#:	EV22110027
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-110422S - Batch 186052 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	11/04/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-110422S - Batch 186052 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	11/04/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	11/04/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	11/04/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	11/04/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-110822S - Batch 185944 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	11/08/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	11/08/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-110822S - Batch 185945 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-110422S - Batch 185773 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	11/04/2022	RAL

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	11/17/2022
		ALS SDG#:	EV22110027
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-110422S - Batch 185773 - Soil by EPA-6020

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 11/17/2022
ALS SDG#: EV22110027
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 186052 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**85.7**			66.5	122.7	11/04/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**84.8**	**1**		66.5	122.7	11/04/2022	KLS

ALS Test Batch ID: 186052 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**75.3**			67.7	124	11/04/2022	KLS
Benzene - BSD	EPA-8021	**75.3**	**0**		67.7	124	11/04/2022	KLS
Toluene - BS	EPA-8021	**73.2**			71	123	11/04/2022	KLS
Toluene - BSD	EPA-8021	**73.4**	**0**		71	123	11/04/2022	KLS
Ethylbenzene - BS	EPA-8021	**73.4**			69.8	117	11/04/2022	KLS
Ethylbenzene - BSD	EPA-8021	**73.4**	**0**		69.8	117	11/04/2022	KLS
Xylenes - BS	EPA-8021	**75.3**			70	119	11/04/2022	KLS
Xylenes - BSD	EPA-8021	**75.1**	**0**		70	119	11/04/2022	KLS

ALS Test Batch ID: 185944 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**103**			75.5	122.1	11/08/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**104**	**0**		75.5	122.1	11/08/2022	DHM

ALS Test Batch ID: 185945 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**86.1**			20	150	11/08/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**88.5**	**3**		20	150	11/08/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**103**			20	150	11/08/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**110**	**7**		20	150	11/08/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**92.2**			20	150	11/08/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**106**	**14**		20	150	11/08/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**85.2**			20	150	11/08/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**86.5**	**1**		20	150	11/08/2022	JMK
Chrysene - BS	EPA-8270 SIM	**96.0**			20	150	11/08/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**93.1**	**3**		20	150	11/08/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**88.4**			20	150	11/08/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**89.2**	**1**		20	150	11/08/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**96.1**			20	150	11/08/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**90.6**	**6**		20	150	11/08/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**90.4**			20	150	11/08/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	11/17/2022
		ALS SDG#:	EV22110027
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**91.0**	**1**		20	150	11/08/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**101**			20	150	11/08/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**101**	**0**		20	150	11/08/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**97.0**			20	150	11/08/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**97.6**	**1**		20	150	11/08/2022	JMK

ALS Test Batch ID: 185773 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**100**			80	120	11/04/2022	RAL
Lead - BSD	EPA-6020	**101**	**1**		80	120	11/04/2022	RAL

APPROVED BY

Laboratory Director

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Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.: Ev221100 27

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)
PCS-9 1ft	Soil	11/2/22	1330	1	2	x	x	x	x	x	x

TAT

- [x] Routine 10 Day
- [ ] 24 hours * 100%
- [ ] 48 hours* 80%
- [ ] 3 Day* 60%
- [ ] 5 day* 50%

* Please call for availability

Due Date:

Comments

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Henry Cade	Henry Cade	11/3/22 3:00	Max Christoffel		11/3/22 3:00

Revised : 11/2/2022

December 5, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On November 11th, 2 samples were received by our laboratory and assigned our laboratory project number EV22110077. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22110077 EV22110077-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/9/2022 11:50:00 AM
CLIENT SAMPLE ID	PCS-10 5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR		UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**37**	3.0	1		MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1		MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1		MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1		MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1		MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1		MG/KG	11/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1		MG/KG	11/17/2022	DHM
Naphthalene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Chrysene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Lead	EPA-6020	**6.6**	0.10	1		MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**64.0**	11/13/2022	KLS
TFT	EPA-8021	**84.0**	11/13/2022	KLS
C25	NWTPH-DX	**80.9**	11/17/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**89.6**	12/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
HT03 -Sample extracted outside of the holding time due to laboratory error. Sample results should be considered estimated.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22110077 EV22110077-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/10/2022 11:30:00 AM
CLIENT SAMPLE ID	PCS-11 8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR		UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**130**	30	10		MG/KG	11/14/2022	KLS
Benzene	EPA-8021	U	0.030	1		MG/KG	11/14/2022	KLS
Toluene	EPA-8021	U	0.050	1		MG/KG	11/14/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1		MG/KG	11/14/2022	KLS
Xylenes	EPA-8021	U	0.20	1		MG/KG	11/14/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1		MG/KG	11/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1		MG/KG	11/17/2022	DHM
Naphthalene	EPA-8270 SIM	**60 HT03**	20	1		UG/KG	12/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**600 HT03**	20	1		UG/KG	12/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**270 HT03**	20	1		UG/KG	12/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Chrysene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Lead	EPA-6020	**5.0**	0.10	1		MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 10X Dilution	NWTPH-GX	**119**	11/14/2022	KLS
TFT	EPA-8021	**140**	11/14/2022	KLS
C25	NWTPH-DX	**91.7**	11/17/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**81.1**	12/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
HT03 -Sample extracted outside of the holding time due to laboratory error. Sample results should be considered estimated.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS SDG#:	EV22110077
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-111222S2 - Batch 186220 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	11/13/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-111222S2 - Batch 186220 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	11/13/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	11/13/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	11/13/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-111722S - Batch 186407 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	11/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	11/17/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-112922S - Batch 186906 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB2-111622S - Batch 186289 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	11/16/2022	EBS

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS SDG#: WDOE ACCREDITATION:	12/5/2022 EV22110077 C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB2-111622S - Batch 186289 - Soil by EPA-6020

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS SDG#:	EV22110077
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 186220 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**90.6**			66.5	122.7	11/13/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**88.1**	**3**		66.5	122.7	11/13/2022	KLS

ALS Test Batch ID: 186220 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**116**			67.7	124	11/13/2022	KLS
Benzene - BSD	EPA-8021	**118**	**1**		67.7	124	11/13/2022	KLS
Toluene - BS	EPA-8021	**121**			71	123	11/13/2022	KLS
Toluene - BSD	EPA-8021	**122**	**0**		71	123	11/13/2022	KLS
Ethylbenzene - BS	EPA-8021	**118**		LCS03	69.8	117	11/13/2022	KLS
Ethylbenzene - BSD	EPA-8021	**117**	**1**	LCS03	69.8	117	11/13/2022	KLS
Xylenes - BS	EPA-8021	**118**			70	119	11/13/2022	KLS
Xylenes - BSD	EPA-8021	**115**	**3**		70	119	11/13/2022	KLS

LCS03 - The LCS and/or LCSD recovery was above the upper control limit. All sample results in the batch were non-detect. No qualification is required for this analyte.

ALS Test Batch ID: 186407 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**107**			75.5	122.1	11/17/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**109**	**3**		75.5	122.1	11/17/2022	DHM

ALS Test Batch ID: 186906 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**104**			20	150	12/02/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**108**	**4**		20	150	12/02/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**104**			20	150	12/02/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**108**	**4**		20	150	12/02/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**101**			20	150	12/02/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**105**	**4**		20	150	12/02/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**110**			20	150	12/02/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**113**	**3**		20	150	12/02/2022	JMK
Chrysene - BS	EPA-8270 SIM	**112**			20	150	12/02/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**117**	**5**		20	150	12/02/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**105**			20	150	12/02/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**112**	**6**		20	150	12/02/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**110**			20	150	12/02/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS SDG#:	EV22110077
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**115**	**4**		20	150	12/02/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**113**			20	150	12/02/2022	JMK
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**116**	**3**		20	150	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**125**			20	150	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**128**	**2**		20	150	12/02/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**128**			20	150	12/02/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**129**	**1**		20	150	12/02/2022	JMK

ALS Test Batch ID: 186289 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**96.1**			80	120	11/16/2022	EBS
Lead - BSD	EPA-6020	**97.5**	**1**		80	120	11/16/2022	EBS

APPROVED BY



Laboratory Director

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Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.: Ev22110077

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --
Client Name:	Whatcom Environmental Services			**Company:**	WES
Address:	228 E Champion #101			**Address:**	
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**	
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**	**PO#**
Project Site:	512 E Sunset	**State:**	WA		
Project Name:	Sunset Commons				
Project Number:					
P.O. Number:					
Sampler's Name:	Thom Davis				

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)
PCS-10 5ft	Soil	11/9/22	11:50a		4	x	x	x	x	x	x
PCS-11 8ft	Soil	11/10/22	11:30a		4	x	x	x	x	x	x

TAT

- [x] Routine 10 Day
- [ ] 24 hours * 100%
- [ ] 48 hours* 80%
- [ ] 3 Day* 60%
- [ ] 5 day* 50%

* Please call for availability

Due Date:

Comments

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Matt Roberts		11/11/22 10:55	MaxChrobak		11/11/22 1055

Revised : 11/11/2022

June 21, 2023

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On June 14th, 3 samples were received by our laboratory and assigned our laboratory project number EV23060082. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Rob Greer
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/21/2023
		ALS JOB#:	EV23060082
		ALS SAMPLE#:	EV23060082-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/14/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/13/2023 3:30:00 PM
CLIENT SAMPLE ID	PCS-12	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	16	1	MG/KG	06/19/2023	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	06/19/2023	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	06/19/2023	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	06/19/2023	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	06/19/2023	DLC
TPH-Diesel Range	NWTPH-DX	**890**	120	5	MG/KG	06/20/2023	DHM
TPH-Diesel Range	NWTPH-DX w/ SGA	**960**	120	5	MG/KG	06/21/2023	DHM
TPH-Oil Range	NWTPH-DX	**2600**	250	5	MG/KG	06/20/2023	DHM
TPH-Oil Range	NWTPH-DX w/ SGA	**2800**	250	5	MG/KG	06/21/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	30	1	UG/KG	06/15/2023	DLC
Chloromethane	EPA-8260	U	27	1	UG/KG	06/15/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	06/15/2023	DLC
Bromomethane	EPA-8260	U	31	1	UG/KG	06/15/2023	DLC
Chloroethane	EPA-8260	U	23	1	UG/KG	06/15/2023	DLC
Carbon Tetrachloride	EPA-8260	U	15	1	UG/KG	06/15/2023	DLC
Trichlorofluoromethane	EPA-8260	U	19	1	UG/KG	06/15/2023	DLC
1,1-Dichloroethene	EPA-8260	U	29	1	UG/KG	06/15/2023	DLC
Methylene Chloride	EPA-8260	U	150	1	UG/KG	06/15/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	28	1	UG/KG	06/15/2023	DLC
1,1-Dichloroethane	EPA-8260	U	15	1	UG/KG	06/15/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	17	1	UG/KG	06/15/2023	DLC
2,2-Dichloropropane	EPA-8260	U	22	1	UG/KG	06/15/2023	DLC
Bromochloromethane	EPA-8260	U	20	1	UG/KG	06/15/2023	DLC
Chloroform	EPA-8260	U	28	1	UG/KG	06/15/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	30	1	UG/KG	06/15/2023	DLC
1,1-Dichloropropene	EPA-8260	U	25	1	UG/KG	06/15/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	06/15/2023	DLC
Trichloroethene	EPA-8260	U	16	1	UG/KG	06/15/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/15/2023	DLC
Dibromomethane	EPA-8260	U	30	1	UG/KG	06/15/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	06/15/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	20	1	UG/KG	06/15/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	13	1	UG/KG	06/15/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	06/15/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/15/2023	DLC
Tetrachloroethylene	EPA-8260	U	19	1	UG/KG	06/15/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	06/15/2023	DLC
1,2-Dibromoethane	EPA-8260	U	7.0	1	UG/KG	06/15/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	6/21/2023 EV23060082 EV23060082-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/14/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/13/2023 3:30:00 PM
CLIENT SAMPLE ID	PCS-12	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Chlorobenzene	EPA-8260	U	10	1	UG/KG	06/15/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	11	1	UG/KG	06/15/2023	DLC
Bromoform	EPA-8260	U	11	1	UG/KG	06/15/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	21	1	UG/KG	06/15/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	06/15/2023	DLC
Bromobenzene	EPA-8260	U	14	1	UG/KG	06/15/2023	DLC
2-Chlorotoluene	EPA-8260	U	16	1	UG/KG	06/15/2023	DLC
4-Chlorotoluene	EPA-8260	U	11	1	UG/KG	06/15/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/15/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	12	1	UG/KG	06/15/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/15/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	06/15/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	17	1	UG/KG	06/15/2023	DLC
Hexachlorobutadiene	EPA-8260	U	15	1	UG/KG	06/15/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	06/15/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	**48**	20	1	UG/KG	06/21/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	**93**	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	**55**	20	1	UG/KG	06/21/2023	DBA
Chrysene	EPA-8270 SIM	**56**	20	1	UG/KG	06/21/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	**70**	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	**57**	20	1	UG/KG	06/21/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**30**	20	1	UG/KG	06/21/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Lead	EPA-6020	**10**	0.10	1	MG/KG	06/20/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**77.8**	06/19/2023	DLC
TFT	EPA-8021	**74.8**	06/19/2023	DLC
C25 5X Dilution	NWTPH-DX	**106**	06/20/2023	DHM
C25 5X Dilution	NWTPH-DX w/ SGA	**123**	06/21/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**102**	06/15/2023	DLC
4-Bromofluorobenzene	EPA-8260	**99.8**	06/15/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**66.2**	06/21/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and weathered light oil.
Gasoline range reporting limit raised due to semivolatile range product overlap.
Diesel range product results biased high due to oil range product overlap.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/21/2023
		ALS JOB#:	EV23060082
		ALS SAMPLE#:	EV23060082-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/14/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/13/2023 3:45:00 PM
CLIENT SAMPLE ID	PCS-13	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**170**	30	10	MG/KG	06/20/2023	DLC
Benzene	EPA-8021	U	0.30	10	MG/KG	06/20/2023	DLC
Toluene	EPA-8021	U	0.50	10	MG/KG	06/20/2023	DLC
Ethylbenzene	EPA-8021	U	0.50	10	MG/KG	06/20/2023	DLC
Xylenes	EPA-8021	U	2.0	10	MG/KG	06/20/2023	DLC
TPH-Diesel Range	NWTPH-DX	**300**	50	2	MG/KG	06/19/2023	DHM
TPH-Diesel Range	NWTPH-DX w/ SGA	**300**	50	2	MG/KG	06/21/2023	DHM
TPH-Oil Range	NWTPH-DX	**970**	100	2	MG/KG	06/19/2023	DHM
TPH-Oil Range	NWTPH-DX w/ SGA	**910**	100	2	MG/KG	06/21/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	06/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	06/14/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	6/21/2023 EV23060082 EV23060082-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/14/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/13/2023 3:45:00 PM
CLIENT SAMPLE ID	PCS-13	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	06/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Naphthalene	EPA-8270 SIM	**54**	20	1	UG/KG	06/21/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	**90**	20	1	UG/KG	06/21/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	**63**	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	**78**	20	1	UG/KG	06/21/2023	DBA
Chrysene	EPA-8270 SIM	**100**	20	1	UG/KG	06/21/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	**94**	20	1	UG/KG	06/21/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	**45**	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	**67**	20	1	UG/KG	06/21/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**30**	20	1	UG/KG	06/21/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Lead	EPA-6020	**41**	0.10	1	MG/KG	06/20/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 10X Dilution	NWTPH-GX	U, GS2	06/20/2023	DLC
TFT 10X Dilution	EPA-8021	U, GS2	06/20/2023	DLC
C25 2X Dilution	NWTPH-DX	**127**	06/19/2023	DHM
C25 2X Dilution	NWTPH-DX w/ SGA	**132**	06/21/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**107**	06/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	**105**	06/14/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**93.8**	06/21/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
GS2 - Surrogate outside of control limits due to dilution.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, an unidentified diesel range product and weathered lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/21/2023
		ALS JOB#:	EV23060082
		ALS SAMPLE#:	EV23060082-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/14/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/13/2023 4:00:00 PM
CLIENT SAMPLE ID	PCS-14	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**6.0**	3.0	1	MG/KG	06/20/2023	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	06/20/2023	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	06/20/2023	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	06/20/2023	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	06/20/2023	DLC
TPH-Diesel Range	NWTPH-DX	**1700**	500	20	MG/KG	06/20/2023	DHM
TPH-Diesel Range	NWTPH-DX w/ SGA	**1600**	500	20	MG/KG	06/21/2023	DHM
TPH-Oil Range	NWTPH-DX	**10000**	1000	20	MG/KG	06/20/2023	DHM
TPH-Oil Range	NWTPH-DX w/ SGA	**12000**	1000	20	MG/KG	06/21/2023	DHM
Dichlorodifluoromethane	EPA-8260	**210**	51	1	UG/KG	06/14/2023	DLC
Chloromethane	EPA-8260	U	47	1	UG/KG	06/14/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Bromomethane	EPA-8260	U	54	1	UG/KG	06/14/2023	DLC
Chloroethane	EPA-8260	U	40	1	UG/KG	06/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	26	1	UG/KG	06/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	33	1	UG/KG	06/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	51	1	UG/KG	06/14/2023	DLC
Methylene Chloride	EPA-8260	U	260	1	UG/KG	06/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	48	1	UG/KG	06/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	27	1	UG/KG	06/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	30	1	UG/KG	06/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	38	1	UG/KG	06/14/2023	DLC
Bromochloromethane	EPA-8260	U	35	1	UG/KG	06/14/2023	DLC
Chloroform	EPA-8260	U	49	1	UG/KG	06/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	52	1	UG/KG	06/14/2023	DLC
1,1-Dichloropropene	EPA-8260	U	43	1	UG/KG	06/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	15	1	UG/KG	06/14/2023	DLC
Trichloroethene	EPA-8260	U	28	1	UG/KG	06/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	16	1	UG/KG	06/14/2023	DLC
Dibromomethane	EPA-8260	U	52	1	UG/KG	06/14/2023	DLC
Bromodichloromethane	EPA-8260	U	16	1	UG/KG	06/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	34	1	UG/KG	06/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	22	1	UG/KG	06/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	13	1	UG/KG	06/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	33	1	UG/KG	06/14/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	12	1	UG/KG	06/14/2023	DLC
Chlorobenzene	EPA-8260	U	14	1	UG/KG	06/14/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/21/2023
		ALS JOB#:	EV23060082
		ALS SAMPLE#:	EV23060082-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/14/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/13/2023 4:00:00 PM
CLIENT SAMPLE ID	PCS-14	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	20	1	UG/KG	06/14/2023	DLC
Bromoform	EPA-8260	U	19	1	UG/KG	06/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	37	1	UG/KG	06/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	06/14/2023	DLC
Bromobenzene	EPA-8260	U	24	1	UG/KG	06/14/2023	DLC
2-Chlorotoluene	EPA-8260	**120**	27	1	UG/KG	06/14/2023	DLC
4-Chlorotoluene	EPA-8260	**110**	19	1	UG/KG	06/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	17	1	UG/KG	06/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	20	1	UG/KG	06/14/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	18	1	UG/KG	06/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	06/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	30	1	UG/KG	06/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	27	1	UG/KG	06/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	15	1	UG/KG	06/14/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Lead	EPA-6020	**31**	0.10	1	MG/KG	06/20/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**97.2**	06/20/2023	DLC
TFT	EPA-8021	**94.0**	06/20/2023	DLC
C25 20X Dilution	NWTPH-DX	**128**	06/20/2023	DHM
C25 20X Dilution	NWTPH-DX w/ SGA	**118**	06/21/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**104**	06/14/2023	DLC
4-Bromofluorobenzene	EPA-8260	**108**	06/14/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**101**	06/21/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, an unidentified diesel range product and weathered lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/21/2023
		ALS SDG#:	EV23060082
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-061923S - Batch 196428 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	06/19/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB-061923S - Batch 196428 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	06/19/2023	GAP
Toluene	EPA-8021	U	MG/KG	0.050	06/19/2023	GAP
Ethylbenzene	EPA-8021	U	MG/KG	0.050	06/19/2023	GAP
Xylenes	EPA-8021	U	MG/KG	0.20	06/19/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB-061623S - Batch 196403 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	06/19/2023	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	06/19/2023	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-061423S - Batch 196407 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Chloromethane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Bromomethane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Chloroethane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Methylene Chloride	EPA-8260	U	UG/KG	20	06/14/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Chloroform	EPA-8260	U	UG/KG	10	06/14/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	06/14/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/21/2023
		ALS SDG#:	EV23060082
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-061423S - Batch 196407 - Soil by EPA-8260

1,1-Dichloropropene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Trichloroethene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Dibromochloromethane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	06/14/2023	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Bromoform	EPA-8260	U	UG/KG	10	06/14/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
2-Chlorotoluene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	06/14/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	06/14/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	06/14/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-062023S - Batch 196508 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA
Chrysene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA

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CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-062023S - Batch 196508 - Soil by EPA-8270 SIM

Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

MB-062023S - Batch 196480 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	06/20/2023	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 196428 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**101**			66.5	122.7	06/19/2023	GAP
TPH-Volatile Range - BSD	NWTPH-GX	**102**	**1**		66.5	122.7	06/19/2023	GAP

ALS Test Batch ID: 196428 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**94.2**			67.7	124	06/19/2023	GAP
Benzene - BSD	EPA-8021	**98.1**	**4**		67.7	124	06/19/2023	GAP
Toluene - BS	EPA-8021	**99.6**			71	123	06/19/2023	GAP
Toluene - BSD	EPA-8021	**103**	**4**		71	123	06/19/2023	GAP
Ethylbenzene - BS	EPA-8021	**99.1**			69.8	120	06/19/2023	GAP
Ethylbenzene - BSD	EPA-8021	**103**	**4**		69.8	120	06/19/2023	GAP
Xylenes - BS	EPA-8021	**100**			70	120	06/19/2023	GAP
Xylenes - BSD	EPA-8021	**103**	**3**		70	120	06/19/2023	GAP

ALS Test Batch ID: 196403 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**102**			75.5	122.1	06/19/2023	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**97.9**	**4**		75.5	122.1	06/19/2023	DHM

ALS Test Batch ID: 196407 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**103**			50	150	06/14/2023	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**102**	**1**		50	150	06/14/2023	DLC
Chloromethane - BS	EPA-8260	**106**			50	150	06/14/2023	DLC
Chloromethane - BSD	EPA-8260	**102**	**3**		50	150	06/14/2023	DLC
Vinyl Chloride - BS	EPA-8260	**95.4**			50	150	06/14/2023	DLC
Vinyl Chloride - BSD	EPA-8260	**94.0**	**1**		50	150	06/14/2023	DLC
Bromomethane - BS	EPA-8260	**142**			50	150	06/14/2023	DLC
Bromomethane - BSD	EPA-8260	**145**	**2**		50	150	06/14/2023	DLC
Chloroethane - BS	EPA-8260	**102**			50	150	06/14/2023	DLC
Chloroethane - BSD	EPA-8260	**101**	**2**		50	150	06/14/2023	DLC
Carbon Tetrachloride - BS	EPA-8260	**99.2**			50	150	06/14/2023	DLC
Carbon Tetrachloride - BSD	EPA-8260	**98.3**	**1**		50	150	06/14/2023	DLC
Trichlorofluoromethane - BS	EPA-8260	**97.4**			50	150	06/14/2023	DLC
Trichlorofluoromethane - BSD	EPA-8260	**96.3**	**1**		50	150	06/14/2023	DLC
1,1-Dichloroethene - BS	EPA-8260	**102**			72.5	136	06/14/2023	DLC

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CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

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ALS SDG#: EV23060082
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BSD	EPA-8260	**100**	**1**		72.5	136	06/14/2023	DLC
Methylene Chloride - BS	EPA-8260	**112**			50	150	06/14/2023	DLC
Methylene Chloride - BSD	EPA-8260	**115**	**3**		50	150	06/14/2023	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**96.2**			50	150	06/14/2023	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**95.8**	**0**		50	150	06/14/2023	DLC
1,1-Dichloroethane - BS	EPA-8260	**101**			50	150	06/14/2023	DLC
1,1-Dichloroethane - BSD	EPA-8260	**101**	**1**		50	150	06/14/2023	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**101**			50	150	06/14/2023	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**101**	**0**		50	150	06/14/2023	DLC
2,2-Dichloropropane - BS	EPA-8260	**92.6**			50	150	06/14/2023	DLC
2,2-Dichloropropane - BSD	EPA-8260	**90.5**	**2**		50	150	06/14/2023	DLC
Bromochloromethane - BS	EPA-8260	**106**			50	150	06/14/2023	DLC
Bromochloromethane - BSD	EPA-8260	**106**	**1**		50	150	06/14/2023	DLC
Chloroform - BS	EPA-8260	**102**			50	150	06/14/2023	DLC
Chloroform - BSD	EPA-8260	**100**	**2**		50	150	06/14/2023	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**96.8**			50	150	06/14/2023	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**94.6**	**2**		50	150	06/14/2023	DLC
1,1-Dichloropropene - BS	EPA-8260	**94.0**			50	150	06/14/2023	DLC
1,1-Dichloropropene - BSD	EPA-8260	**94.3**	**0**		50	150	06/14/2023	DLC
1,2-Dichloroethane - BS	EPA-8260	**98.8**			50	150	06/14/2023	DLC
1,2-Dichloroethane - BSD	EPA-8260	**99.6**	**1**		50	150	06/14/2023	DLC
Trichloroethene - BS	EPA-8260	**97.7**			74.4	141	06/14/2023	DLC
Trichloroethene - BSD	EPA-8260	**97.1**	**1**		74.4	141	06/14/2023	DLC
1,2-Dichloropropane - BS	EPA-8260	**100**			50	150	06/14/2023	DLC
1,2-Dichloropropane - BSD	EPA-8260	**98.9**	**2**		50	150	06/14/2023	DLC
Dibromomethane - BS	EPA-8260	**99.1**			50	150	06/14/2023	DLC
Dibromomethane - BSD	EPA-8260	**98.4**	**1**		50	150	06/14/2023	DLC
Bromodichloromethane - BS	EPA-8260	**100**			50	150	06/14/2023	DLC
Bromodichloromethane - BSD	EPA-8260	**101**	**1**		50	150	06/14/2023	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**101**			50	150	06/14/2023	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**101**	**0**		50	150	06/14/2023	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**100**			50	150	06/14/2023	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**100**	**0**		50	150	06/14/2023	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**100**			50	150	06/14/2023	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**101**	**0**		50	150	06/14/2023	DLC
1,3-Dichloropropane - BS	EPA-8260	**98.5**			50	150	06/14/2023	DLC
1,3-Dichloropropane - BSD	EPA-8260	**99.2**	**1**		50	150	06/14/2023	DLC
Tetrachloroethylene - BS	EPA-8260	**104**			50	150	06/14/2023	DLC
Tetrachloroethylene - BSD	EPA-8260	**107**	**3**		50	150	06/14/2023	DLC
Dibromochloromethane - BS	EPA-8260	**102**			50	150	06/14/2023	DLC

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WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dibromochloromethane - BSD	EPA-8260	**102**	**0**		50	150	06/14/2023	DLC
1,2-Dibromoethane - BS	EPA-8260	**102**			50	150	06/14/2023	DLC
1,2-Dibromoethane - BSD	EPA-8260	**103**	**0**		50	150	06/14/2023	DLC
Chlorobenzene - BS	EPA-8260	**93.9**			73	131	06/14/2023	DLC
Chlorobenzene - BSD	EPA-8260	**93.9**	**0**		73	131	06/14/2023	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**98.0**			50	150	06/14/2023	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**96.9**	**1**		50	150	06/14/2023	DLC
Bromoform - BS	EPA-8260	**96.8**			50	150	06/14/2023	DLC
Bromoform - BSD	EPA-8260	**96.8**	**0**		50	150	06/14/2023	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**99.6**			50	150	06/14/2023	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**102**	**2**		50	150	06/14/2023	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**101**			50	150	06/14/2023	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**104**	**2**		50	150	06/14/2023	DLC
Bromobenzene - BS	EPA-8260	**96.5**			50	150	06/14/2023	DLC
Bromobenzene - BSD	EPA-8260	**97.0**	**0**		50	150	06/14/2023	DLC
2-Chlorotoluene - BS	EPA-8260	**97.9**			50	150	06/14/2023	DLC
2-Chlorotoluene - BSD	EPA-8260	**98.9**	**1**		50	150	06/14/2023	DLC
4-Chlorotoluene - BS	EPA-8260	**95.2**			50	150	06/14/2023	DLC
4-Chlorotoluene - BSD	EPA-8260	**97.1**	**2**		50	150	06/14/2023	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**98.8**			50	150	06/14/2023	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**98.4**	**0**		50	150	06/14/2023	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**99.2**			50	150	06/14/2023	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**100**	**1**		50	150	06/14/2023	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**97.2**			50	150	06/14/2023	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**98.3**	**1**		50	150	06/14/2023	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**103**			50	150	06/14/2023	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**106**	**3**		50	150	06/14/2023	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**86.1**			50	150	06/14/2023	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**84.4**	**2**		50	150	06/14/2023	DLC
Hexachlorobutadiene - BS	EPA-8260	**88.3**			50	150	06/14/2023	DLC
Hexachlorobutadiene - BSD	EPA-8260	**86.1**	**2**		50	150	06/14/2023	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**76.8**			50	150	06/14/2023	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**71.2**	**8**		50	150	06/14/2023	DLC

ALS Test Batch ID: 196508 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**64.2**			20	150	06/21/2023	DBA
Naphthalene - BSD	EPA-8270 SIM	**71.3**	**11**		20	150	06/21/2023	DBA
2-Methylnaphthalene - BS	EPA-8270 SIM	**73.1**			20	150	06/21/2023	DBA

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LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
2-Methylnaphthalene - BSD	EPA-8270 SIM	**79.0**	**8**		20	150	06/21/2023	DBA
1-Methylnaphthalene - BS	EPA-8270 SIM	**65.8**			20	150	06/21/2023	DBA
1-Methylnaphthalene - BSD	EPA-8270 SIM	**70.2**	**6**		20	150	06/21/2023	DBA
Benzo[A]Anthracene - BS	EPA-8270 SIM	**87.0**			20	150	06/21/2023	DBA
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**88.2**	**1**		20	150	06/21/2023	DBA
Chrysene - BS	EPA-8270 SIM	**69.5**			20	150	06/21/2023	DBA
Chrysene - BSD	EPA-8270 SIM	**70.0**	**1**		20	150	06/21/2023	DBA
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**92.9**			20	150	06/21/2023	DBA
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**95.8**	**3**		20	150	06/21/2023	DBA
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**77.0**			20	150	06/21/2023	DBA
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**75.3**	**2**		20	150	06/21/2023	DBA
Benzo[A]Pyrene - BS	EPA-8270 SIM	**83.8**			20	150	06/21/2023	DBA
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**95.2**	**13**		20	150	06/21/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**76.6**			20	150	06/21/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**78.6**	**3**		20	150	06/21/2023	DBA
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**77.4**			20	150	06/21/2023	DBA
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**78.5**	**1**		20	150	06/21/2023	DBA

ALS Test Batch ID: 196480 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**95.3**			80	120	06/20/2023	EBS
Lead - BSD	EPA-6020	**94.6**	**1**		80	120	06/20/2023	EBS

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 6/21/2023
ALS SDG#: EV23060082
WDOE ACCREDITATION: C601

MATRIX SPIKE RESULTS

ALS Test Batch ID: 196508 - Soil
Parent Sample: PCS-14

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	SPIKE ADDED	PARENT SAMPLE RESULT	RESULT	LIMITS MIN	LIMITS MAX	RPD	ANALYSIS DATE	ANALYSIS BY
Naphthalene - MS	EPA-8270 SIM	**83.2**			833	5.7	693	20	150		06/21/2023	DBA
Naphthalene - MSD	EPA-8270 SIM	**83.7**	**1**		833	5.7	697	20	150	30	06/21/2023	DBA
2-Methylnaphthalene - MS	EPA-8270 SIM	**100**			833	6.1	834	20	150		06/21/2023	DBA
2-Methylnaphthalene - MSD	EPA-8270 SIM	**100**	**0**		833	6.1	835	20	150	30	06/21/2023	DBA
1-Methylnaphthalene - MS	EPA-8270 SIM	**83.4**			833	6.4	694	20	150		06/21/2023	DBA
1-Methylnaphthalene - MSD	EPA-8270 SIM	**82.3**	**1**		833	6.4	686	20	150	30	06/21/2023	DBA
Benzo[A]Anthracene - MS	EPA-8270 SIM	**103**			833	0	860	20	150		06/21/2023	DBA
Benzo[A]Anthracene - MSD	EPA-8270 SIM	**102**	**1**		833	0	850	20	150	30	06/21/2023	DBA
Chrysene - MS	EPA-8270 SIM	**82.7**			833	0	688	20	150		06/21/2023	DBA
Chrysene - MSD	EPA-8270 SIM	**85.7**	**4**		833	0	714	20	150	30	06/21/2023	DBA
Benzo[B]Fluoranthene - MS	EPA-8270 SIM	**81.5**			833	0	678	20	150		06/21/2023	DBA
Benzo[B]Fluoranthene - MSD	EPA-8270 SIM	**82.0**	**1**		833	0	682	20	150	30	06/21/2023	DBA
Benzo[K]Fluoranthene - MS	EPA-8270 SIM	**64.7**			833	0	539	20	150		06/21/2023	DBA
Benzo[K]Fluoranthene - MSD	EPA-8270 SIM	**57.3**	**12**		833	0	477	20	150	30	06/21/2023	DBA
Benzo[A]Pyrene - MS	EPA-8270 SIM	**94.4**			833	0	786	20	150		06/21/2023	DBA
Benzo[A]Pyrene - MSD	EPA-8270 SIM	**73.2**	**25**		833	0	610	20	150	30	06/21/2023	DBA
Indeno[1,2,3-Cd]Pyrene - MS	EPA-8270 SIM	**76.8**			833	0	639	20	150		06/21/2023	DBA
Indeno[1,2,3-Cd]Pyrene - MSD	EPA-8270 SIM	**100**	**27**		833	0	837	20	150	30	06/21/2023	DBA
Dibenz[A,H]Anthracene - MS	EPA-8270 SIM	**96.7**			833	0	805	20	150		06/21/2023	DBA
Dibenz[A,H]Anthracene - MSD	EPA-8270 SIM	**44.2**	**75**	SR1	833	0	368 SR1	20	150	30	06/21/2023	DBA

SR1 - RPD outside of control limits.

APPROVED BY

Rob Greer
Laboratory Director

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Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.: EV2306082

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --
Client Name:	Whatcom Environmental Services			**Company:**	WES
Address:	228 E Champion #101			**Address:**	
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**	
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**	**PO#**
Project Site:	512 E Sunset	**State:**	WA		
Project Name:	Sunset Commons				
Project Number:					
P.O. Number:					
Sampler's Name:	Thom Davis				

SAMPLE RECEIPT

Temperature (°C):	8.1°C			
Received Intact:	~~Yes~~	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Dx	NWTPH-Gx	BTEX (8021)	HVOCs (8260)	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)		Dx w/ SGA
PCS-12	Soil	6/13/23	1530	1	4	X	X	X	X	X	X	X		*
PCS-13	Soil	6/13/23	1545	2	4	X	X	X	X	X	X	X		*
PCS-14	Soil	6/13/23	1600	3	4	X	X	X	X	X	X	X		*

* - Added 6/16/23 - CN

TAT

- ☐ Routine 10 Day
- ☐ 24 hours * 100%
- ☐ 48 hours* 80%
- ☐ 3 Day* 60%
- ■ 5 day* 50%

* Please call for availability

Due Date:

Comments

all samples collected via 5035A

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
1 IAN HAMBIGNER		6-14-23/10:35	AFREESE		06-14-23 @1035

Revised: 6/14/2023

October 20, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On October 7th, 40 samples were received by our laboratory and assigned our laboratory project number EV22100040. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 9:30:00 AM
CLIENT SAMPLE ID	B-1 7.5-10ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/13/2022	DHM
Dichlorodifluoromethane	EPA-8260	**19**	10	1	UG/KG	10/07/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	10/07/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	10/07/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 9:30:00 AM
CLIENT SAMPLE ID	B-1 7.5-10ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bromoform	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	10/07/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**29**	20	1	UG/KG	10/13/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
PCB-1016	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1221	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1232	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1242	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1248	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1254	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1260	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1268	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
Lead	EPA-6020	**12**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**85.0**	10/07/2022	KLS
TFT	EPA-8021	**80.1**	10/07/2022	KLS
C25	NWTPH-DX	**95.1**	10/13/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**94.8**	10/07/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 9:30:00 AM
CLIENT SAMPLE ID	B-1 7.5-10ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
4-Bromofluorobenzene	EPA-8260	**107**	10/07/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**119**	10/13/2022	JMK
TCMX	EPA-8082	**47.0**	10/11/2022	JMK
DCB	EPA-8082	**63.7**	10/11/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 9:35:00 AM
CLIENT SAMPLE ID	B-1 25ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/13/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**91.4**	10/07/2022	KLS
TFT	EPA-8021	**85.4**	10/07/2022	KLS
C25	NWTPH-DX	**97.0**	10/13/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/20/2022 EV22100040 EV22100040-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 10:30:00 AM
CLIENT SAMPLE ID	B-2 2.5-5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/12/2022	DHM
TPH-Oil Range	NWTPH-DX	**120**	50	1	MG/KG	10/12/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
PCB-1016	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1221	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1232	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1242	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1248	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1254	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1260	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1268	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
Lead	EPA-6020	**4.4**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**84.1**	10/07/2022	KLS
TFT	EPA-8021	**79.9**	10/07/2022	KLS
C25	NWTPH-DX	**122**	10/12/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**78.3**	10/13/2022	JMK
TCMX	EPA-8082	**84.2**	10/11/2022	JMK
DCB	EPA-8082	**98.5**	10/11/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified oil range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 10:35:00 AM
CLIENT SAMPLE ID	B-2 13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/12/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/12/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**83.6**	10/07/2022	KLS
TFT	EPA-8021	**79.2**	10/07/2022	KLS
C25	NWTPH-DX	**97.1**	10/12/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 11:45:00 AM
CLIENT SAMPLE ID	B-3 0-3ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**83**	30	10	MG/KG	10/10/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	**940**	50	2	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	**1800**	100	2	MG/KG	10/17/2022	DHM
Naphthalene	EPA-8270 SIM	**57**	20	1	UG/KG	10/13/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**360**	20	1	UG/KG	10/13/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**290**	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	**27**	20	1	UG/KG	10/13/2022	JMK
Chrysene	EPA-8270 SIM	**79**	20	1	UG/KG	10/13/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**35**	20	1	UG/KG	10/13/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	**27**	20	1	UG/KG	10/13/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
PCB-1016	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1221	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1232	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1242	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1248	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1254	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1260	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1268	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
Lead	EPA-6020	**98**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 10X Dilution	NWTPH-GX	**9.00 SUR07**	10/10/2022	KLS
TFT	EPA-8021	**81.6**	10/07/2022	KLS
C25 2X Dilution	NWTPH-DX	**82.4**	10/17/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**28.4 SUR12**	10/13/2022	JMK
TCMX	EPA-8082	**88.6**	10/11/2022	JMK
DCB	EPA-8082	**103**	10/11/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/20/2022 EV22100040 EV22100040-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 11:45:00 AM
CLIENT SAMPLE ID	B-3 0-3ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SUR07 -The surrogate recovery could not be determined due to dilution below the calibration range.
SUR12 -Surrogate recoveries were outside of the control limits due to matrix interference.
U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, weathered diesel and lube oil.
Gasoline range product results biased high due to semivolatile range product overlap.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 11:50:00 AM
CLIENT SAMPLE ID	B-3 13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/13/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**92.4**	10/07/2022	KLS
TFT	EPA-8021	**86.0**	10/07/2022	KLS
C25	NWTPH-DX	**95.8**	10/13/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/20/2022 EV22100040 EV22100040-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 1:45:00 PM
CLIENT SAMPLE ID	B-4 2.5-3ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U, F2	28	1	MG/KG	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	U, F2	57	1	MG/KG	10/13/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
PCB-1016	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1221	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1232	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1242	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1248	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1254	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1260	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1268	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
Lead	EPA-6020	**28**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**71.3**	10/07/2022	KLS
TFT	EPA-8021	**67.8**	10/07/2022	KLS
C25	NWTPH-DX	**121**	10/13/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**81.4**	10/13/2022	JMK
TCMX	EPA-8082	**88.8**	10/11/2022	JMK
DCB	EPA-8082	**103**	10/11/2022	JMK

F2 - Reporting limit for compound raised due to low percent solids.
U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 1:50:00 PM
CLIENT SAMPLE ID	B-4 14.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/13/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**92.8**	10/07/2022	KLS
TFT	EPA-8021	**85.8**	10/07/2022	KLS
C25	NWTPH-DX	**106**	10/13/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/20/2022 EV22100040 EV22100040-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 2:55:00 PM
CLIENT SAMPLE ID	B-5 2.5-5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	**26**	25	1	MG/KG	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	**93**	50	1	MG/KG	10/13/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
PCB-1016	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1221	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1232	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1242	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1248	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1254	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1260	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1268	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
Lead	EPA-6020	**65**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**70.0**	10/07/2022	KLS
TFT	EPA-8021	**67.3**	10/07/2022	KLS
C25	NWTPH-DX	**109**	10/13/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**78.5**	10/13/2022	JMK
TCMX	EPA-8082	**89.3**	10/11/2022	JMK
DCB	EPA-8082	**100**	10/11/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/20/2022 EV22100040 EV22100040-10
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/4/2022 3:00:00 PM
CLIENT SAMPLE ID	B-5 12.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/13/2022	DHM
A-BHC	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
G-BHC	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
B-BHC	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Heptachlor	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
D-BHC	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Aldrin	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Heptachlor Epoxide	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Chlordane	EPA-8081	U	0.020	1	MG/KG	10/13/2022	JMK
Endosulfan I	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
4,4'-DDE	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Dieldrin	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Endrin	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
4,4'-DDD	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Endosulfan II	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
4,4'-DDT	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Endrin Aldehyde	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Endosulfan Sulfate	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Methoxychlor	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Toxaphene	EPA-8081	U	0.50	1	MG/KG	10/13/2022	JMK

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**84.6**	10/07/2022	KLS
TFT	EPA-8021	**79.1**	10/07/2022	KLS
C25	NWTPH-DX	**107**	10/13/2022	DHM
TCMX	EPA-8081	**83.3**	10/13/2022	JMK
DCB	EPA-8081	**76.1**	10/13/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/20/2022 EV22100040 EV22100040-11
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 8:30:00 AM
CLIENT SAMPLE ID	B-6 1-3.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/13/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
PCB-1016	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1221	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1232	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1242	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1248	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1254	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1260	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1268	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
Lead	EPA-6020	**5.1**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**85.0**	10/07/2022	KLS
TFT	EPA-8021	**78.7**	10/07/2022	KLS
C25	NWTPH-DX	**97.1**	10/13/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**75.5**	10/13/2022	JMK
TCMX	EPA-8082	**89.0**	10/11/2022	JMK
DCB	EPA-8082	**114**	10/11/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/20/2022 EV22100040 EV22100040-12
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 9:00:00 AM
CLIENT SAMPLE ID	B-7 0-3ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	**190**	50	2	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	**1500**	100	2	MG/KG	10/17/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**30**	20	1	UG/KG	10/13/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
PCB-1016	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1221	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1232	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1242	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1248	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1254	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1260	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1268	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
Lead	EPA-6020	**42**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**89.5**	10/07/2022	KLS
TFT	EPA-8021	**83.6**	10/07/2022	KLS
C25 2X Dilution	NWTPH-DX	**98.6**	10/17/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**37.0**	10/13/2022	JMK
TCMX	EPA-8082	**64.3**	10/11/2022	JMK
DCB	EPA-8082	**79.8**	10/11/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/20/2022 EV22100040 EV22100040-13
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 9:20:00 AM
CLIENT SAMPLE ID	B-8 7.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**17**	3.0	1	MG/KG	10/07/2022	KLS
Benzene	EPA-8021	**0.048**	0.030	1	MG/KG	10/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Xylenes	EPA-8021	**0.24**	0.20	1	MG/KG	10/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U, F2	28	1	MG/KG	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	U, F2	57	1	MG/KG	10/13/2022	DHM
Naphthalene	EPA-8270 SIM	**470**	20	1	UG/KG	10/13/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**520**	20	1	UG/KG	10/13/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**310**	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
PCB-1016	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1221	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1232	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1242	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1248	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1254	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1260	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1268	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
Lead	EPA-6020	**8.8**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**88.5**	10/07/2022	KLS
TFT	EPA-8021	**83.1**	10/07/2022	KLS
C25	NWTPH-DX	**88.8**	10/13/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**73.5**	10/13/2022	JMK
TCMX	EPA-8082	**89.1**	10/11/2022	JMK
DCB	EPA-8082	**109**	10/11/2022	JMK

F2 - Reporting limit for compound raised due to low percent solids.
U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains weathered gasoline.
Gasoline range product results biased high due to semivolatile range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-14
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 9:25:00 AM
CLIENT SAMPLE ID	B-8 10ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/13/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**82.3**	10/07/2022	KLS
TFT	EPA-8021	**77.7**	10/07/2022	KLS
C25	NWTPH-DX	**92.5**	10/13/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/20/2022 EV22100040 EV22100040-15
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 10:00:00 AM
CLIENT SAMPLE ID	B-9 1ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	120	5	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	**1800**	250	5	MG/KG	10/17/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Chrysene	EPA-8270 SIM	**67**	20	1	UG/KG	10/13/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**56**	20	1	UG/KG	10/13/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	**37**	20	1	UG/KG	10/13/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**28**	20	1	UG/KG	10/13/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
PCB-1016	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1221	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1232	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1242	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1248	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1254	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1260	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1268	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
Lead	EPA-6020	**7.5**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**90.0**	10/07/2022	KLS
TFT	EPA-8021	**84.0**	10/07/2022	KLS
C25 5X Dilution	NWTPH-DX	**102**	10/17/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**67.2**	10/13/2022	JMK
TCMX	EPA-8082	**63.0**	10/11/2022	JMK
DCB	EPA-8082	**72.3**	10/11/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-16
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 10:10:00 AM
CLIENT SAMPLE ID	B-9 4-5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**44**	3.0	1	MG/KG	10/07/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/07/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/07/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/07/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	**74**	50	1	MG/KG	10/13/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	10/07/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	10/07/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-16
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 10:10:00 AM
CLIENT SAMPLE ID	B-9 4-5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	10/07/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**20**	20	1	UG/KG	10/13/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
PCB-1016	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1221	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1232	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1242	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1248	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1254	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1260	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1268	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
Lead	EPA-6020	**12**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**78.5**	10/07/2022	KLS
TFT	EPA-8021	**73.5**	10/07/2022	KLS
C25	NWTPH-DX	**105**	10/13/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**99.9**	10/07/2022	DLC
4-Bromofluorobenzene	EPA-8260	**105**	10/07/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-16
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 10:10:00 AM
CLIENT SAMPLE ID	B-9 4-5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**109**	10/13/2022	JMK
TCMX	EPA-8082	**74.6**	10/11/2022	JMK
DCB	EPA-8082	**81.1**	10/11/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product and lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-17
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 10:15:00 AM
CLIENT SAMPLE ID	B-9 6.5-7ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/10/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/10/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/10/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/10/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/10/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	**110**	50	1	MG/KG	10/13/2022	DHM
Lead	EPA-6020	**3.8**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**67.4**	10/10/2022	KLS
TFT	EPA-8021	**64.0**	10/10/2022	KLS
C25	NWTPH-DX	**102**	10/13/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-18
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 10:05:00 AM
CLIENT SAMPLE ID	B-10 5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**10**	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	**170**	25	1	MG/KG	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/13/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	**81**	20	1	UG/KG	10/13/2022	JMK
Chrysene	EPA-8270 SIM	**99**	20	1	UG/KG	10/13/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**120**	20	1	UG/KG	10/13/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	**67**	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	**110**	20	1	UG/KG	10/13/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**55**	20	1	UG/KG	10/13/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Lead	EPA-6020	**4.7**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**83.5**	10/08/2022	KLS
TFT	EPA-8021	**78.6**	10/08/2022	KLS
C25	NWTPH-DX	**106**	10/13/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**93.7**	10/13/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product and weathered diesel.
Gasoline range product results biased high due to semivolatile range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/20/2022 EV22100040 EV22100040-19
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 10:10:00 AM
CLIENT SAMPLE ID	B-10 7.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/13/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**83.8**	10/08/2022	KLS
TFT	EPA-8021	**78.4**	10/08/2022	KLS
C25	NWTPH-DX	**93.7**	10/13/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-20
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 10:45:00 AM
CLIENT SAMPLE ID	B-11 4-4.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/13/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Lead	EPA-6020	**4.3**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**71.5**	10/08/2022	KLS
TFT	EPA-8021	**68.0**	10/08/2022	KLS
C25	NWTPH-DX	**105**	10/13/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**110**	10/13/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-21
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 11:35:00 AM
CLIENT SAMPLE ID	B-12 5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Lead	EPA-6020	**6.3**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**86.8**	10/08/2022	KLS
TFT	EPA-8021	**81.0**	10/08/2022	KLS
C25	NWTPH-DX	**111**	10/17/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**78.7**	10/15/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/20/2022 EV22100040 EV22100040-22
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 11:55:00 AM
CLIENT SAMPLE ID	B-13 3.5-4ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**6.1**	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	**110**	50	1	MG/KG	10/17/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Chrysene	EPA-8270 SIM	**22**	20	1	UG/KG	10/13/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**31**	20	1	UG/KG	10/13/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	**22**	20	1	UG/KG	10/13/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**20**	20	1	UG/KG	10/13/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Lead	EPA-6020	**20**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**79.7**	10/08/2022	KLS
TFT	EPA-8021	**76.1**	10/08/2022	KLS
C25	NWTPH-DX	**113**	10/17/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**75.2**	10/13/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product and lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-23
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 12:30:00 PM
CLIENT SAMPLE ID	B-14 7.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**580**	60	20	MG/KG	10/10/2022	KLS
Benzene	EPA-8021	**0.51**	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	**0.96**	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	**3.8**	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	**1.9**	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	30	1	UG/KG	10/10/2022	DLC
Chloromethane	EPA-8260	U	28	1	UG/KG	10/10/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
Bromomethane	EPA-8260	U	31	1	UG/KG	10/10/2022	DLC
Chloroethane	EPA-8260	U	23	1	UG/KG	10/10/2022	DLC
Carbon Tetrachloride	EPA-8260	U	15	1	UG/KG	10/10/2022	DLC
Trichlorofluoromethane	EPA-8260	U	19	1	UG/KG	10/10/2022	DLC
1,1-Dichloroethene	EPA-8260	U	29	1	UG/KG	10/10/2022	DLC
Methylene Chloride	EPA-8260	U	150	1	UG/KG	10/10/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	28	1	UG/KG	10/10/2022	DLC
1,1-Dichloroethane	EPA-8260	U	15	1	UG/KG	10/10/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	17	1	UG/KG	10/10/2022	DLC
2,2-Dichloropropane	EPA-8260	U	22	1	UG/KG	10/10/2022	DLC
Bromochloromethane	EPA-8260	U	20	1	UG/KG	10/10/2022	DLC
Chloroform	EPA-8260	U	29	1	UG/KG	10/10/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	30	1	UG/KG	10/10/2022	DLC
1,1-Dichloropropene	EPA-8260	U	25	1	UG/KG	10/10/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
Trichloroethene	EPA-8260	U	16	1	UG/KG	10/10/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
Dibromomethane	EPA-8260	U	30	1	UG/KG	10/10/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	20	1	UG/KG	10/10/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	13	1	UG/KG	10/10/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
Tetrachloroethylene	EPA-8260	U	19	1	UG/KG	10/10/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
1,2-Dibromoethane	EPA-8260	U	7.1	1	UG/KG	10/10/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	12	1	UG/KG	10/10/2022	DLC
Bromoform	EPA-8260	U	11	1	UG/KG	10/10/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-23
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 12:30:00 PM
CLIENT SAMPLE ID	B-14 7.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	21	1	UG/KG	10/10/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
Bromobenzene	EPA-8260	U	14	1	UG/KG	10/10/2022	DLC
2-Chlorotoluene	EPA-8260	U	16	1	UG/KG	10/10/2022	DLC
4-Chlorotoluene	EPA-8260	U	11	1	UG/KG	10/10/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	12	1	UG/KG	10/10/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	10/10/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	17	1	UG/KG	10/10/2022	DLC
Hexachlorobutadiene	EPA-8260	U	16	1	UG/KG	10/10/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	10/10/2022	DLC
Naphthalene	EPA-8270 SIM	**2600**	200	10	UG/KG	10/13/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**4300**	200	10	UG/KG	10/13/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**2200**	200	10	UG/KG	10/13/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/13/2022	JMK
PCB-1016	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1221	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1232	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1242	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1248	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1254	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1260	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
PCB-1268	EPA-8082	U	0.10	1	MG/KG	10/11/2022	JMK
Lead	EPA-6020	**6.1**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT 20X Dilution	NWTPH-GX	**133**	10/10/2022	KLS
TFT	EPA-8021	**275 SUR12**	10/08/2022	KLS
C25	NWTPH-DX	**98.0**	10/17/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**122**	10/10/2022	DLC
4-Bromofluorobenzene	EPA-8260	**101**	10/10/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/20/2022 EV22100040 EV22100040-23
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 12:30:00 PM
CLIENT SAMPLE ID	B-14 7.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**103**	10/13/2022	JMK
Terphenyl-d14 10X Dilution	EPA-8270 SIM	**148**	10/13/2022	JMK
TCMX	EPA-8082	**77.1**	10/11/2022	JMK
DCB	EPA-8082	**97.2**	10/11/2022	JMK

SUR12 -Surrogate recoveries were outside of the control limits due to matrix interference.
U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-24
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 12:35:00 PM
CLIENT SAMPLE ID	B-14 11ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**9.8**	3.0	1	MG/KG	10/10/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/10/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/10/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/10/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/10/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**89.6**	10/10/2022	KLS
TFT	EPA-8021	**83.7**	10/10/2022	KLS
C25	NWTPH-DX	**101**	10/17/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-25
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/5/2022 12:45:00 PM
CLIENT SAMPLE ID	B-15 5.5-6ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Lead	EPA-6020	**7.4**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**75.1**	10/08/2022	KLS
TFT	EPA-8021	**71.6**	10/08/2022	KLS
C25	NWTPH-DX	**102**	10/17/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**106**	10/17/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-26
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 8:45:00 AM
CLIENT SAMPLE ID	B-16 12.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1-Dichloroethene	EPA-8260	**15**	10	1	UG/KG	10/07/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	10/07/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	**26**	10	1	UG/KG	10/07/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1,1-Trichloroethane	EPA-8260	**15**	10	1	UG/KG	10/07/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Trichloroethene	EPA-8260	**1900**	17	1	UG/KG	10/13/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	10/07/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-26
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 8:45:00 AM
CLIENT SAMPLE ID	B-16 12.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	10/07/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	10/07/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	**24**	20	1	UG/KG	10/17/2022	JMK
Chrysene	EPA-8270 SIM	**29**	20	1	UG/KG	10/17/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**36**	20	1	UG/KG	10/17/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	**38**	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	**39**	20	1	UG/KG	10/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
A-BHC	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
G-BHC	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
B-BHC	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Heptachlor	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
D-BHC	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Aldrin	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Heptachlor Epoxide	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Chlordane	EPA-8081	U	0.020	1	MG/KG	10/13/2022	JMK
Endosulfan I	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
4,4'-DDE	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Dieldrin	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Endrin	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
4,4'-DDD	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Endosulfan II	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
4,4'-DDT	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Endrin Aldehyde	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Endosulfan Sulfate	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-26
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 8:45:00 AM
CLIENT SAMPLE ID	B-16 12.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Methoxychlor	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Toxaphene	EPA-8081	U	0.50	1	MG/KG	10/13/2022	JMK
Lead	EPA-6020	**5.0**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**86.1**	10/08/2022	KLS
TFT	EPA-8021	**84.8**	10/08/2022	KLS
C25	NWTPH-DX	**105**	10/17/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**95.5**	10/07/2022	DLC
1,2-Dichloroethane-d4	EPA-8260	**103**	10/13/2022	DLC
4-Bromofluorobenzene	EPA-8260	**102**	10/07/2022	DLC
4-Bromofluorobenzene	EPA-8260	**102**	10/13/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**134**	10/17/2022	JMK
TCMX	EPA-8081	**77.1**	10/13/2022	JMK
DCB	EPA-8081	**69.8**	10/13/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/20/2022 EV22100040 EV22100040-27
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 9:00:00 AM
CLIENT SAMPLE ID	B-16 14.75ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**90.8**	10/08/2022	KLS
TFT	EPA-8021	**89.0**	10/08/2022	KLS
C25	NWTPH-DX	**66.9**	10/17/2022	DHM

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-28
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 9:35:00 AM
CLIENT SAMPLE ID	B-17 8-8.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
A-BHC	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
G-BHC	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
B-BHC	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Heptachlor	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
D-BHC	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Aldrin	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Heptachlor Epoxide	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Chlordane	EPA-8081	U	0.020	1	MG/KG	10/13/2022	JMK
Endosulfan I	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
4,4'-DDE	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Dieldrin	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Endrin	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
4,4'-DDD	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Endosulfan II	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
4,4'-DDT	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Endrin Aldehyde	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Endosulfan Sulfate	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Methoxychlor	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Toxaphene	EPA-8081	U	0.50	1	MG/KG	10/13/2022	JMK
Lead	EPA-6020	**4.6**	0.10	1	MG/KG	10/12/2022	EBS

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-28
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 9:35:00 AM
CLIENT SAMPLE ID	B-17 8-8.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**90.3**	10/08/2022	KLS
TFT	EPA-8021	**83.6**	10/08/2022	KLS
C25	NWTPH-DX	**103**	10/17/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**108**	10/17/2022	JMK
TCMX	EPA-8081	**84.5**	10/13/2022	JMK
DCB	EPA-8081	**78.4**	10/13/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-29
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 10:10:00 AM
CLIENT SAMPLE ID	B-18 7-7.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Lead	EPA-6020	**4.2**	0.10	1	MG/KG	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**80.0**	10/08/2022	KLS
TFT	EPA-8021	**76.0**	10/08/2022	KLS
C25	NWTPH-DX	**102**	10/17/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**152**	10/17/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-30
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 10:45:00 AM
CLIENT SAMPLE ID	B-19 2.5-3ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Lead	EPA-6020	**5.8**	0.10	1	MG/KG	10/10/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**71.7**	10/08/2022	KLS
TFT	EPA-8021	**68.7**	10/08/2022	KLS
C25	NWTPH-DX	**106**	10/17/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**83.5**	10/17/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-31
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 10:50:00 AM
CLIENT SAMPLE ID	B-19 4.5-5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM
Lead	EPA-6020	**5.6**	0.10	1	MG/KG	10/10/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**85.0**	10/08/2022	KLS
TFT	EPA-8021	**78.6**	10/08/2022	KLS
C25	NWTPH-DX	**109**	10/17/2022	DHM

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-32
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 11:30:00 AM
CLIENT SAMPLE ID	B-20 4.5-5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Lead	EPA-6020	**3.7**	0.10	1	MG/KG	10/10/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**84.9**	10/08/2022	KLS
TFT	EPA-8021	**79.7**	10/08/2022	KLS
C25	NWTPH-DX	**99.7**	10/17/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**120**	10/17/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-33
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 11:40:00 AM
CLIENT SAMPLE ID	B-20 7-7.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**89.6**	10/08/2022	KLS
TFT	EPA-8021	**83.9**	10/08/2022	KLS
C25	NWTPH-DX	**95.7**	10/17/2022	DHM

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-34
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 12:10:00 PM
CLIENT SAMPLE ID	B-21 0-2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	**33**	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	**310**	50	1	MG/KG	10/17/2022	DHM
A-BHC	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
G-BHC	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
B-BHC	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Heptachlor	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
D-BHC	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Aldrin	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Heptachlor Epoxide	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Chlordane	EPA-8081	U	0.020	1	MG/KG	10/13/2022	JMK
Endosulfan I	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
4,4'-DDE	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Dieldrin	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Endrin	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
4,4'-DDD	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Endosulfan II	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
4,4'-DDT	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Endrin Aldehyde	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Endosulfan Sulfate	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Methoxychlor	EPA-8081	U	0.010	1	MG/KG	10/13/2022	JMK
Toxaphene	EPA-8081	U	0.50	1	MG/KG	10/13/2022	JMK
Lead	EPA-6020	**10**	0.10	1	MG/KG	10/10/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**85.8**	10/08/2022	KLS
TFT	EPA-8021	**80.9**	10/08/2022	KLS
C25	NWTPH-DX	**98.5**	10/17/2022	DHM
TCMX	EPA-8081	**73.9**	10/13/2022	JMK
DCB	EPA-8081	**70.2**	10/13/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-35
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 12:15:00 PM
CLIENT SAMPLE ID	B-21 7.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Lead	EPA-6020	**5.0**	0.10	1	MG/KG	10/10/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**87.2**	10/08/2022	KLS
TFT	EPA-8021	**81.7**	10/08/2022	KLS
C25	NWTPH-DX	**90.3**	10/17/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**104**	10/17/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-36
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 12:30:00 PM
CLIENT SAMPLE ID	B-22 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM
Lead	EPA-6020	**5.3**	0.10	1	MG/KG	10/10/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**77.5**	10/08/2022	KLS
TFT	EPA-8021	**72.2**	10/08/2022	KLS
C25	NWTPH-DX	**106**	10/17/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-37
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 12:40:00 PM
CLIENT SAMPLE ID	B-22 7-7.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**93.6**	10/08/2022	KLS
TFT	EPA-8021	**86.7**	10/08/2022	KLS
C25	NWTPH-DX	**84.2**	10/17/2022	DHM

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-38
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 2:00:00 PM
CLIENT SAMPLE ID	B-23 3ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Lead	EPA-6020	**5.2**	0.10	1	MG/KG	10/10/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**77.1**	10/08/2022	KLS
TFT	EPA-8021	**72.9**	10/08/2022	KLS
C25	NWTPH-DX	**114**	10/17/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**111**	10/17/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/20/2022 EV22100040 EV22100040-39
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 2:15:00 PM
CLIENT SAMPLE ID	B-24 2-2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM
Lead	EPA-6020	**3.2**	0.10	1	MG/KG	10/10/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**70.0**	10/08/2022	KLS
TFT	EPA-8021	**67.0**	10/08/2022	KLS
C25	NWTPH-DX	**104**	10/17/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS JOB#:	EV22100040
		ALS SAMPLE#:	EV22100040-40
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 3:05:00 PM
CLIENT SAMPLE ID	B-25 2.5-3ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/08/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/08/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/08/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/08/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/17/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/17/2022	JMK
Lead	EPA-6020	**5.1**	0.10	1	MG/KG	10/10/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**72.0**	10/08/2022	KLS
TFT	EPA-8021	**68.3**	10/08/2022	KLS
C25	NWTPH-DX	**97.2**	10/17/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**126**	10/17/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 10/20/2022
ALS SDG#: EV22100040
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MBG-100722S - Batch 184662 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	10/07/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MBG-100722S2 - Batch 184686 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	10/08/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-100722S - Batch 184662 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	10/07/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	10/07/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	10/07/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	10/07/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-100722S2 - Batch 184686 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	10/08/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	10/08/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	10/08/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	10/08/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101122S - Batch 184856 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	10/13/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101422S - Batch 185004 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	10/17/2022	DHM

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS SDG#:	EV22100040
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-101422S - Batch 185004 - Soil by NWTPH-DX

TPH-Oil Range	NWTPH-DX	U	MG/KG	50	10/17/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-100722S - Batch 184805 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Chloromethane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Bromomethane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Chloroethane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Methylene Chloride	EPA-8260	U	UG/KG	20	10/07/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	10/07/2022	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Chloroform	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,1-Dichloropropene	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Trichloroethene	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Dibromochloromethane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	10/07/2022	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Bromoform	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	10/07/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 10/20/2022
ALS SDG#: EV22100040
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-100722S - Batch 184805 - Soil by EPA-8260

2-Chlorotoluene	EPA-8260	U	UG/KG	10	10/07/2022	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	10/07/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	10/07/2022	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	10/07/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	10/07/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101022S - Batch 184922 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Chloromethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Bromomethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Chloroethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Methylene Chloride	EPA-8260	U	UG/KG	20	10/10/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Chloroform	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,1-Dichloropropene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Trichloroethene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	10/10/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS SDG#:	EV22100040
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-101022S - Batch 184922 - Soil by EPA-8260

Dibromochloromethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	10/10/2022	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Bromoform	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
2-Chlorotoluene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	10/10/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	10/10/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	10/10/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101222S2 - Batch 184871 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	10/12/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	10/12/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	10/12/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	10/12/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	10/12/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	10/12/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	10/12/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	10/12/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	10/12/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	10/12/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101422S - Batch 184934 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK

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ALS SDG#: EV22100040
WDOE ACCREDITATION: C601

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

LABORATORY BLANK RESULTS

MB-101422S - Batch 184934 - Soil by EPA-8270 SIM

Chrysene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101722S - Batch 184950 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	10/17/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	10/17/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	10/17/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	10/17/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	10/17/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	10/17/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	10/17/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	10/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	10/17/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	10/17/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101122S - Batch 184835 - Soil by EPA-8082

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
PCB-1016	EPA-8082	U	MG/KG	0.10	10/11/2022	JMK
PCB-1221	EPA-8082	U	MG/KG	0.10	10/11/2022	JMK
PCB-1232	EPA-8082	U	MG/KG	0.10	10/11/2022	JMK
PCB-1242	EPA-8082	U	MG/KG	0.10	10/11/2022	JMK
PCB-1248	EPA-8082	U	MG/KG	0.10	10/11/2022	JMK
PCB-1254	EPA-8082	U	MG/KG	0.10	10/11/2022	JMK
PCB-1260	EPA-8082	U	MG/KG	0.10	10/11/2022	JMK
PCB-1268	EPA-8082	U	MG/KG	0.10	10/11/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101122S - Batch 184868 - Soil by EPA-8081

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
A-BHC	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK

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CERTIFICATE OF ANALYSIS

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CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 10/20/2022
ALS SDG#: EV22100040
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-101122S - Batch 184868 - Soil by EPA-8081

G-BHC	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK
B-BHC	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK
Heptachlor	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK
D-BHC	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK
Aldrin	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK
Heptachlor Epoxide	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK
Chlordane	EPA-8081	U	MG/KG	0.020	10/13/2022	JMK
Endosulfan I	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK
4,4'-DDE	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK
Dieldrin	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK
Endrin	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK
4,4'-DDD	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK
Endosulfan II	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK
4,4'-DDT	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK
Endrin Aldehyde	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK
Endosulfan Sulfate	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK
Methoxychlor	EPA-8081	U	MG/KG	0.010	10/13/2022	JMK
Toxaphene	EPA-8081	U	MG/KG	0.50	10/13/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101022S - Batch 184621 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	10/10/2022	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101122S - Batch 184676 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	10/12/2022	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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228 E. Champion St., Suite 101
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CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 10/20/2022
ALS SDG#: EV22100040
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 184662 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**105**			66.5	122.7	10/07/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**105**	**0**		66.5	122.7	10/07/2022	KLS

ALS Test Batch ID: 184686 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**100**			66.5	122.7	10/08/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**99.0**	**1**		66.5	122.7	10/08/2022	KLS

ALS Test Batch ID: 184662 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**87.7**			67.7	124	10/07/2022	KLS
Benzene - BSD	EPA-8021	**88.2**	**1**		67.7	124	10/07/2022	KLS
Toluene - BS	EPA-8021	**88.0**			71	123	10/07/2022	KLS
Toluene - BSD	EPA-8021	**88.4**	**0**		71	123	10/07/2022	KLS
Ethylbenzene - BS	EPA-8021	**89.0**			69.8	117	10/07/2022	KLS
Ethylbenzene - BSD	EPA-8021	**89.3**	**0**		69.8	117	10/07/2022	KLS
Xylenes - BS	EPA-8021	**90.5**			70	119	10/07/2022	KLS
Xylenes - BSD	EPA-8021	**90.8**	**0**		70	119	10/07/2022	KLS

ALS Test Batch ID: 184686 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**83.1**			67.7	124	10/08/2022	KLS
Benzene - BSD	EPA-8021	**83.8**	**1**		67.7	124	10/08/2022	KLS
Toluene - BS	EPA-8021	**83.1**			71	123	10/08/2022	KLS
Toluene - BSD	EPA-8021	**83.6**	**1**		71	123	10/08/2022	KLS
Ethylbenzene - BS	EPA-8021	**82.8**			69.8	117	10/08/2022	KLS
Ethylbenzene - BSD	EPA-8021	**83.5**	**1**		69.8	117	10/08/2022	KLS
Xylenes - BS	EPA-8021	**84.1**			70	119	10/08/2022	KLS
Xylenes - BSD	EPA-8021	**84.6**	**1**		70	119	10/08/2022	KLS

ALS Test Batch ID: 184856 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**102**			75.5	122.1	10/13/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**98.6**	**3**		75.5	122.1	10/13/2022	DHM

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS SDG#:	EV22100040
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 185004 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**104**			75.5	122.1	10/17/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**98.8**	**5**		75.5	122.1	10/17/2022	DHM

ALS Test Batch ID: 184805 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**107**			50	150	10/07/2022	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**102**	**5**		50	150	10/07/2022	DLC
Chloromethane - BS	EPA-8260	**110**			50	150	10/07/2022	DLC
Chloromethane - BSD	EPA-8260	**109**	**1**		50	150	10/07/2022	DLC
Vinyl Chloride - BS	EPA-8260	**110**			50	150	10/07/2022	DLC
Vinyl Chloride - BSD	EPA-8260	**105**	**4**		50	150	10/07/2022	DLC
Bromomethane - BS	EPA-8260	**108**			50	150	10/07/2022	DLC
Bromomethane - BSD	EPA-8260	**107**	**1**		50	150	10/07/2022	DLC
Chloroethane - BS	EPA-8260	**97.3**			50	150	10/07/2022	DLC
Chloroethane - BSD	EPA-8260	**94.2**	**3**		50	150	10/07/2022	DLC
Carbon Tetrachloride - BS	EPA-8260	**105**			50	150	10/07/2022	DLC
Carbon Tetrachloride - BSD	EPA-8260	**105**	**0**		50	150	10/07/2022	DLC
Trichlorofluoromethane - BS	EPA-8260	**109**			50	150	10/07/2022	DLC
Trichlorofluoromethane - BSD	EPA-8260	**103**	**5**		50	150	10/07/2022	DLC
1,1-Dichloroethene - BS	EPA-8260	**103**			70	130	10/07/2022	DLC
1,1-Dichloroethene - BSD	EPA-8260	**98.5**	**4**		70	130	10/07/2022	DLC
Methylene Chloride - BS	EPA-8260	**93.2**			50	150	10/07/2022	DLC
Methylene Chloride - BSD	EPA-8260	**95.1**	**2**		50	150	10/07/2022	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**97.7**			50	150	10/07/2022	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**97.1**	**1**		50	150	10/07/2022	DLC
1,1-Dichloroethane - BS	EPA-8260	**99.9**			50	150	10/07/2022	DLC
1,1-Dichloroethane - BSD	EPA-8260	**99.5**	**0**		50	150	10/07/2022	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**101**			50	150	10/07/2022	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**99.5**	**1**		50	150	10/07/2022	DLC
2,2-Dichloropropane - BS	EPA-8260	**105**			50	150	10/07/2022	DLC
2,2-Dichloropropane - BSD	EPA-8260	**101**	**4**		50	150	10/07/2022	DLC
Bromochloromethane - BS	EPA-8260	**98.3**			50	150	10/07/2022	DLC
Bromochloromethane - BSD	EPA-8260	**99.2**	**1**		50	150	10/07/2022	DLC
Chloroform - BS	EPA-8260	**104**			50	150	10/07/2022	DLC
Chloroform - BSD	EPA-8260	**104**	**0**		50	150	10/07/2022	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**101**			50	150	10/07/2022	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**99.2**	**2**		50	150	10/07/2022	DLC
1,1-Dichloropropene - BS	EPA-8260	**101**			50	150	10/07/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

DATE: 10/20/2022
ALS SDG#: EV22100040
WDOE ACCREDITATION: C601

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloropropene - BSD	EPA-8260	**97.3**	**3**		50	150	10/07/2022	DLC
1,2-Dichloroethane - BS	EPA-8260	**103**			50	150	10/07/2022	DLC
1,2-Dichloroethane - BSD	EPA-8260	**103**	**0**		50	150	10/07/2022	DLC
Trichloroethene - BS	EPA-8260	**99.9**			75	136	10/07/2022	DLC
Trichloroethene - BSD	EPA-8260	**96.3**	**4**		75	136	10/07/2022	DLC
1,2-Dichloropropane - BS	EPA-8260	**97.7**			50	150	10/07/2022	DLC
1,2-Dichloropropane - BSD	EPA-8260	**97.0**	**1**		50	150	10/07/2022	DLC
Dibromomethane - BS	EPA-8260	**102**			50	150	10/07/2022	DLC
Dibromomethane - BSD	EPA-8260	**102**	**0**		50	150	10/07/2022	DLC
Bromodichloromethane - BS	EPA-8260	**101**			50	150	10/07/2022	DLC
Bromodichloromethane - BSD	EPA-8260	**101**	**1**		50	150	10/07/2022	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**101**			50	150	10/07/2022	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**102**	**1**		50	150	10/07/2022	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**102**			50	150	10/07/2022	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**103**	**1**		50	150	10/07/2022	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**98.5**			50	150	10/07/2022	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**98.0**	**0**		50	150	10/07/2022	DLC
1,3-Dichloropropane - BS	EPA-8260	**94.3**			50	150	10/07/2022	DLC
1,3-Dichloropropane - BSD	EPA-8260	**97.6**	**3**		50	150	10/07/2022	DLC
Tetrachloroethylene - BS	EPA-8260	**103**			50	150	10/07/2022	DLC
Tetrachloroethylene - BSD	EPA-8260	**98.6**	**5**		50	150	10/07/2022	DLC
Dibromochloromethane - BS	EPA-8260	**102**			50	150	10/07/2022	DLC
Dibromochloromethane - BSD	EPA-8260	**103**	**1**		50	150	10/07/2022	DLC
1,2-Dibromoethane - BS	EPA-8260	**101**			50	150	10/07/2022	DLC
1,2-Dibromoethane - BSD	EPA-8260	**102**	**1**		50	150	10/07/2022	DLC
Chlorobenzene - BS	EPA-8260	**93.1**			79	128	10/07/2022	DLC
Chlorobenzene - BSD	EPA-8260	**93.6**	**1**		79	128	10/07/2022	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**99.7**			50	150	10/07/2022	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**100**	**1**		50	150	10/07/2022	DLC
Bromoform - BS	EPA-8260	**102**			50	150	10/07/2022	DLC
Bromoform - BSD	EPA-8260	**106**	**4**		50	150	10/07/2022	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**95.1**			50	150	10/07/2022	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**94.3**	**1**		50	150	10/07/2022	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**97.9**			50	150	10/07/2022	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**96.1**	**2**		50	150	10/07/2022	DLC
Bromobenzene - BS	EPA-8260	**93.7**			50	150	10/07/2022	DLC
Bromobenzene - BSD	EPA-8260	**92.7**	**1**		50	150	10/07/2022	DLC
2-Chlorotoluene - BS	EPA-8260	**91.5**			50	150	10/07/2022	DLC
2-Chlorotoluene - BSD	EPA-8260	**88.1**	**4**		50	150	10/07/2022	DLC
4-Chlorotoluene - BS	EPA-8260	**91.7**			50	150	10/07/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS SDG#:	EV22100040
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
4-Chlorotoluene - BSD	EPA-8260	**88.7**	**3**		50	150	10/07/2022	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**92.2**			50	150	10/07/2022	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**91.4**	**1**		50	150	10/07/2022	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**92.2**			50	150	10/07/2022	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**90.9**	**1**		50	150	10/07/2022	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**93.5**			50	150	10/07/2022	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**91.7**	**2**		50	150	10/07/2022	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**95.6**			50	150	10/07/2022	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**96.3**	**1**		50	150	10/07/2022	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**92.8**			50	150	10/07/2022	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**93.4**	**1**		50	150	10/07/2022	DLC
Hexachlorobutadiene - BS	EPA-8260	**93.8**			50	150	10/07/2022	DLC
Hexachlorobutadiene - BSD	EPA-8260	**90.1**	**4**		50	150	10/07/2022	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**94.5**			50	150	10/07/2022	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**99.2**	**5**		50	150	10/07/2022	DLC

ALS Test Batch ID: 184922 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**92.8**			50	150	10/10/2022	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**93.6**	**1**		50	150	10/10/2022	DLC
Chloromethane - BS	EPA-8260	**102**			50	150	10/10/2022	DLC
Chloromethane - BSD	EPA-8260	**105**	**3**		50	150	10/10/2022	DLC
Vinyl Chloride - BS	EPA-8260	**105**			50	150	10/10/2022	DLC
Vinyl Chloride - BSD	EPA-8260	**104**	**1**		50	150	10/10/2022	DLC
Bromomethane - BS	EPA-8260	**103**			50	150	10/10/2022	DLC
Bromomethane - BSD	EPA-8260	**109**	**5**		50	150	10/10/2022	DLC
Chloroethane - BS	EPA-8260	**92.5**			50	150	10/10/2022	DLC
Chloroethane - BSD	EPA-8260	**93.8**	**1**		50	150	10/10/2022	DLC
Carbon Tetrachloride - BS	EPA-8260	**103**			50	150	10/10/2022	DLC
Carbon Tetrachloride - BSD	EPA-8260	**102**	**1**		50	150	10/10/2022	DLC
Trichlorofluoromethane - BS	EPA-8260	**104**			50	150	10/10/2022	DLC
Trichlorofluoromethane - BSD	EPA-8260	**103**	**1**		50	150	10/10/2022	DLC
1,1-Dichloroethene - BS	EPA-8260	**97.9**			70	130	10/10/2022	DLC
1,1-Dichloroethene - BSD	EPA-8260	**97.7**	**0**		70	130	10/10/2022	DLC
Methylene Chloride - BS	EPA-8260	**134**			50	150	10/10/2022	DLC
Methylene Chloride - BSD	EPA-8260	**155**	**14**	SQ3	50	150	10/10/2022	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**94.6**			50	150	10/10/2022	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**96.9**	**2**		50	150	10/10/2022	DLC
1,1-Dichloroethane - BS	EPA-8260	**97.1**			50	150	10/10/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 10/20/2022
ALS SDG#: EV22100040
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethane - BSD	EPA-8260	**99.6**	**3**		50	150	10/10/2022	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**98.3**			50	150	10/10/2022	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**100**	**2**		50	150	10/10/2022	DLC
2,2-Dichloropropane - BS	EPA-8260	**104**			50	150	10/10/2022	DLC
2,2-Dichloropropane - BSD	EPA-8260	**104**	**1**		50	150	10/10/2022	DLC
Bromochloromethane - BS	EPA-8260	**93.4**			50	150	10/10/2022	DLC
Bromochloromethane - BSD	EPA-8260	**97.1**	**4**		50	150	10/10/2022	DLC
Chloroform - BS	EPA-8260	**104**			50	150	10/10/2022	DLC
Chloroform - BSD	EPA-8260	**105**	**2**		50	150	10/10/2022	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**99.7**			50	150	10/10/2022	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**99.3**	**0**		50	150	10/10/2022	DLC
1,1-Dichloropropene - BS	EPA-8260	**99.5**			50	150	10/10/2022	DLC
1,1-Dichloropropene - BSD	EPA-8260	**97.9**	**2**		50	150	10/10/2022	DLC
1,2-Dichloroethane - BS	EPA-8260	**102**			50	150	10/10/2022	DLC
1,2-Dichloroethane - BSD	EPA-8260	**104**	**2**		50	150	10/10/2022	DLC
Trichloroethene - BS	EPA-8260	**101**			75	136	10/10/2022	DLC
Trichloroethene - BSD	EPA-8260	**97.9**	**3**		75	136	10/10/2022	DLC
1,2-Dichloropropane - BS	EPA-8260	**97.5**			50	150	10/10/2022	DLC
1,2-Dichloropropane - BSD	EPA-8260	**96.4**	**1**		50	150	10/10/2022	DLC
Dibromomethane - BS	EPA-8260	**101**			50	150	10/10/2022	DLC
Dibromomethane - BSD	EPA-8260	**103**	**2**		50	150	10/10/2022	DLC
Bromodichloromethane - BS	EPA-8260	**103**			50	150	10/10/2022	DLC
Bromodichloromethane - BSD	EPA-8260	**102**	**0**		50	150	10/10/2022	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**101**			50	150	10/10/2022	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**103**	**2**		50	150	10/10/2022	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**107**			50	150	10/10/2022	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**105**	**1**		50	150	10/10/2022	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**94.4**			50	150	10/10/2022	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**99.2**	**5**		50	150	10/10/2022	DLC
1,3-Dichloropropane - BS	EPA-8260	**91.7**			50	150	10/10/2022	DLC
1,3-Dichloropropane - BSD	EPA-8260	**97.0**	**6**		50	150	10/10/2022	DLC
Tetrachloroethylene - BS	EPA-8260	**96.8**			50	150	10/10/2022	DLC
Tetrachloroethylene - BSD	EPA-8260	**96.3**	**1**		50	150	10/10/2022	DLC
Dibromochloromethane - BS	EPA-8260	**100**			50	150	10/10/2022	DLC
Dibromochloromethane - BSD	EPA-8260	**103**	**3**		50	150	10/10/2022	DLC
1,2-Dibromoethane - BS	EPA-8260	**98.3**			50	150	10/10/2022	DLC
1,2-Dibromoethane - BSD	EPA-8260	**102**	**3**		50	150	10/10/2022	DLC
Chlorobenzene - BS	EPA-8260	**92.8**			79	128	10/10/2022	DLC
Chlorobenzene - BSD	EPA-8260	**94.1**	**1**		79	128	10/10/2022	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**97.3**			50	150	10/10/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/20/2022
		ALS SDG#:	EV22100040
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**100**	**3**		50	150	10/10/2022	DLC
Bromoform - BS	EPA-8260	**103**			50	150	10/10/2022	DLC
Bromoform - BSD	EPA-8260	**107**	**4**		50	150	10/10/2022	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**88.8**			50	150	10/10/2022	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**90.6**	**2**		50	150	10/10/2022	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**89.9**			50	150	10/10/2022	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**92.2**	**3**		50	150	10/10/2022	DLC
Bromobenzene - BS	EPA-8260	**92.6**			50	150	10/10/2022	DLC
Bromobenzene - BSD	EPA-8260	**91.1**	**2**		50	150	10/10/2022	DLC
2-Chlorotoluene - BS	EPA-8260	**88.2**			50	150	10/10/2022	DLC
2-Chlorotoluene - BSD	EPA-8260	**84.4**	**5**		50	150	10/10/2022	DLC
4-Chlorotoluene - BS	EPA-8260	**89.6**			50	150	10/10/2022	DLC
4-Chlorotoluene - BSD	EPA-8260	**86.3**	**4**		50	150	10/10/2022	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**92.4**			50	150	10/10/2022	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**90.0**	**3**		50	150	10/10/2022	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**91.0**			50	150	10/10/2022	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**90.3**	**1**		50	150	10/10/2022	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**91.5**			50	150	10/10/2022	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**90.5**	**1**		50	150	10/10/2022	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**88.6**			50	150	10/10/2022	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**91.3**	**3**		50	150	10/10/2022	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**94.7**			50	150	10/10/2022	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**92.5**	**2**		50	150	10/10/2022	DLC
Hexachlorobutadiene - BS	EPA-8260	**95.4**			50	150	10/10/2022	DLC
Hexachlorobutadiene - BSD	EPA-8260	**89.7**	**6**		50	150	10/10/2022	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**96.0**			50	150	10/10/2022	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**95.8**	**0**		50	150	10/10/2022	DLC

SQ3 - Spike outside of control limits due to sporadic marginal failure. All other spikes in extraction fraction within control limits. No corrective action taken.

ALS Test Batch ID: 184871 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**85.8**			20	150	10/13/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**86.0**	**0**		20	150	10/13/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**92.5**			20	150	10/13/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**91.9**	**1**		20	150	10/13/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**89.3**			20	150	10/13/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**88.0**	**1**		20	150	10/13/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**94.0**			20	150	10/13/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**96.6**	**3**		20	150	10/13/2022	JMK

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CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Chrysene - BS	EPA-8270 SIM	**99.7**			20	150	10/13/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**101**	**1**		20	150	10/13/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**91.8**			20	150	10/13/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**94.4**	**3**		20	150	10/13/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**97.6**			20	150	10/13/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**102**	**4**		20	150	10/13/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**70.4**			20	150	10/13/2022	JMK
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**70.9**	**1**		20	150	10/13/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**103**			20	150	10/13/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**109**	**5**		20	150	10/13/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**97.5**			20	150	10/13/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**103**	**6**		20	150	10/13/2022	JMK

ALS Test Batch ID: 184934 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**87.1**			20	150	10/17/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**95.3**	**9**		20	150	10/17/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**80.6**			20	150	10/17/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**94.5**	**16**		20	150	10/17/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**87.0**			20	150	10/17/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**99.1**	**13**		20	150	10/17/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**88.0**			20	150	10/17/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**92.0**	**4**		20	150	10/17/2022	JMK
Chrysene - BS	EPA-8270 SIM	**87.2**			20	150	10/17/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**92.4**	**6**		20	150	10/17/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**91.5**			20	150	10/17/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**99.0**	**8**		20	150	10/17/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**94.1**			20	150	10/17/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**106**	**11**		20	150	10/17/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**93.1**			20	150	10/17/2022	JMK
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**103**	**10**		20	150	10/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**80.6**			20	150	10/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**87.9**	**9**		20	150	10/17/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**77.8**			20	150	10/17/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**84.4**	**8**		20	150	10/17/2022	JMK

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ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 10/20/2022
ALS SDG#: EV22100040
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 184950 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**86.5**			20	150	10/17/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**102**	**16**		20	150	10/17/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**79.9**			20	150	10/17/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**94.9**	**17**		20	150	10/17/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**85.5**			20	150	10/17/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**99.6**	**15**		20	150	10/17/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**83.2**			20	150	10/17/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**93.2**	**11**		20	150	10/17/2022	JMK
Chrysene - BS	EPA-8270 SIM	**86.4**			20	150	10/17/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**93.8**	**8**		20	150	10/17/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**89.5**			20	150	10/17/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**95.0**	**6**		20	150	10/17/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**98.0**			20	150	10/17/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**106**	**8**		20	150	10/17/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**96.2**			20	150	10/17/2022	JMK
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**103**	**7**		20	150	10/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**79.6**			20	150	10/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**86.2**	**8**		20	150	10/17/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**79.1**			20	150	10/17/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**85.2**	**7**		20	150	10/17/2022	JMK

ALS Test Batch ID: 184835 - Soil by EPA-8082

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
PCB-1016 - BS	EPA-8082	**79.8**			50	150	10/11/2022	JMK
PCB-1016 - BSD	EPA-8082	**76.7**	**4**		50	150	10/11/2022	JMK
PCB-1260 - BS	EPA-8082	**84.6**			50	150	10/11/2022	JMK
PCB-1260 - BSD	EPA-8082	**84.3**	**0**		50	150	10/11/2022	JMK

ALS Test Batch ID: 184868 - Soil by EPA-8081

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
A-BHC - BS	EPA-8081	**89.2**			50	150	10/13/2022	JMK
A-BHC - BSD	EPA-8081	**92.4**	**4**		50	150	10/13/2022	JMK
G-BHC - BS	EPA-8081	**89.9**			33	155	10/13/2022	JMK
G-BHC - BSD	EPA-8081	**93.4**	**4**		33	155	10/13/2022	JMK
B-BHC - BS	EPA-8081	**85.6**			50	150	10/13/2022	JMK
B-BHC - BSD	EPA-8081	**93.4**	**9**		50	150	10/13/2022	JMK
Heptachlor - BS	EPA-8081	**90.8**			49	142	10/13/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 10/20/2022
ALS SDG#: EV22100040
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Heptachlor - BSD	EPA-8081	**93.5**	**3**		49	142	10/13/2022	JMK
D-BHC - BS	EPA-8081	**88.3**			50	150	10/13/2022	JMK
D-BHC - BSD	EPA-8081	**91.7**	**4**		50	150	10/13/2022	JMK
Aldrin - BS	EPA-8081	**88.3**			37	149	10/13/2022	JMK
Aldrin - BSD	EPA-8081	**90.8**	**3**		37	149	10/13/2022	JMK
Heptachlor Epoxide - BS	EPA-8081	**88.7**			50	150	10/13/2022	JMK
Heptachlor Epoxide - BSD	EPA-8081	**91.4**	**3**		50	150	10/13/2022	JMK
Endosulfan I - BS	EPA-8081	**89.1**			50	150	10/13/2022	JMK
Endosulfan I - BSD	EPA-8081	**92.0**	**3**		50	150	10/13/2022	JMK
4,4'-DDE - BS	EPA-8081	**91.4**			50	150	10/13/2022	JMK
4,4'-DDE - BSD	EPA-8081	**94.7**	**4**		50	150	10/13/2022	JMK
Dieldrin - BS	EPA-8081	**90.0**			65	137	10/13/2022	JMK
Dieldrin - BSD	EPA-8081	**93.5**	**4**		65	137	10/13/2022	JMK
Endrin - BS	EPA-8081	**90.3**			65	149	10/13/2022	JMK
Endrin - BSD	EPA-8081	**93.4**	**3**		65	149	10/13/2022	JMK
4,4'-DDD - BS	EPA-8081	**90.8**			50	150	10/13/2022	JMK
4,4'-DDD - BSD	EPA-8081	**94.0**	**3**		50	150	10/13/2022	JMK
Endosulfan II - BS	EPA-8081	**88.0**			50	150	10/13/2022	JMK
Endosulfan II - BSD	EPA-8081	**91.6**	**4**		50	150	10/13/2022	JMK
4,4'-DDT - BS	EPA-8081	**88.8**			60	152	10/13/2022	JMK
4,4'-DDT - BSD	EPA-8081	**93.2**	**5**		60	152	10/13/2022	JMK
Endrin Aldehyde - BS	EPA-8081	**70.8**			50	150	10/13/2022	JMK
Endrin Aldehyde - BSD	EPA-8081	**71.5**	**1**		50	150	10/13/2022	JMK
Endosulfan Sulfate - BS	EPA-8081	**85.8**			50	150	10/13/2022	JMK
Endosulfan Sulfate - BSD	EPA-8081	**90.1**	**5**		50	150	10/13/2022	JMK
Methoxychlor - BS	EPA-8081	**85.8**			50	150	10/13/2022	JMK
Methoxychlor - BSD	EPA-8081	**91.2**	**6**		50	150	10/13/2022	JMK

ALS Test Batch ID: 184621 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**99.8**			80	120	10/14/2022	EBS
Lead - BSD	EPA-6020	**103**	**3**		80	120	10/14/2022	EBS

ALS Test Batch ID: 184676 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**96.3**			80	120	10/12/2022	EBS
Lead - BSD	EPA-6020	**97.3**	**1**		80	120	10/12/2022	EBS

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CERTIFICATE OF ANALYSIS

APPROVED BY



Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
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Environmental www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER

Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.: Ev221000 40 (1)

Project Manager:	Thom-Harold		**Bill to:**	<----- Same --	
Client Name:	Whatcom Environmental Services		**Company:**	WES	
Address:	228 E Champion #101		**Address:**		
City, State ZIP:	Bellingham,. WA 98225		**City, State ZIP:**		
Email:	tdavis@whatcom-es.com	**Phone:**	**Email:**	**PO#**	
Project Site:	512 E Sunset	**State:**			
Project Name:	Sunset Commons				
Project Number:					
P.O. Number:					
Sampler's Name:	Thom Davis				

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)	PCBs (8082 MOD)	Halogenated Volatiles (8260)	Pesticides (608/8081)
B-1 7.5-10ft	Soils	10/4/22	930	1	4	x	x	x	x	x	x	x	x	
B-1 25ft		10/4/22	935	2	2	x	x	x						
B-2 2.5-5ft		10/4/22	1030	3	2	x	x	x	x	x	x	x		
B-2 13ft		10/4/22	1035	4	2	x	x	x						
B-3 0-3ft		10/4/22	1145	5	2	x	x	x	x	x	x	x		
B-3 13ft		10/4/22	1150	6	2	x	x	x						
B-4 2.5-3ft		10/4/22	1345	7	2	x	x	x	x	x	x	x		
B-4 14.5ft		10/4/22	1350	8	2	x	x	x						
B-5 2.5-5ft		10/4/22	1455	9	2	x	x	x	x	x	x	x		
B-5 12.5ft		10/4/22	1500	10	4	x	x	x						x
B-6 1-3.5ft		10/5/22	830	11	2	x	x	x	x	x	x	x		
B-7 0-3ft		10/5/22	900	12	2	x	x	x	x	x	x	x		
B-8 7.5ft		10/5/22	920	13	2	x	x	x	x	x	x	x		
B-8 10ft		10/5/22	925	14	2	x	x	x						
B-9 1ft		10/5/22	1000	15	2	x	x	x	x	x	x	x		

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

TAT

- [x] Routine 10 Day
- [ ] 24 hours * 100%
- [ ] 48 hours* 80%
- [ ] 3 Day* 60%
- [ ] 5 day* 50%

* Please call for availability

Due Date:

Comments

Additional Methods Available Upon Request

RELINQUISHED BY

Print Name	Signature	Date/Time
Ava Gempler		10/7/22 13:10

RECEIVED BY

Print Name	Signature	Date/Time
Meg Houghton		10-7-22 1:10

Revised : 10/7/2022

Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.: EV2210040 (2)

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**		**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**					
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)	PCBs (8082 MOD)	Halogenated Volatiles (8260)	Pesticides (608/8081)
B-9 4-5ft	Soil	10/5/22	1010	16	4	x	x	x	x	x	x	x	x	
B-9 6.5-7ft		10/5/22	1015	17	2	x	x	x	x					
B-10 5ft		10/5/22	1005	18	2	x	x	x	x	x	x			
B-10 7.5ft		10/5/22	1010	19	2	x	x	x						
B-11 4-4.5ft		10/5/22	1045	20	2	x	x	x	x	x	x			
B-12 5ft		10/5/22	1135	21	2	x	x	x	x	x	x			
B-13 3.5-4ft		10/5/22	1155	22	2	x	x	x	x	x	x			
B-14 7.5ft		10/5/22	1230	23	4	x	x	x	x	x	x	x	x	
B-14 11ft		10/5/22	1235	24	2	x	x	x						
B-15 5.5-6ft		10/5/22	1245	25	2	x	x	x	x	x	x			
B-16 12.5ft		10/6/22	845	26	4	x	x	x	x	x	x		x	x
B-16 14.75ft		10/6/22	900	27	2	x	x	x						
B-17 8-8.5ft		10/6/22	935	28	2	x	x	x	x	x	x			x
B-18 7-7.5ft		10/6/22	1010	29	2	x	x	x	x	x	x			
B-19 2.5-3ft		10/6/22	1045	30	2	x	x	x	x	x	x			

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

TAT

- [x] Routine 10 Day
- [ ] 24 hours * 100%
- [ ] 48 hours* 80%
- [ ] 3 Day* 60%
- [ ] 5 day* 50%

* Please call for availability

Due Date:

Comments

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Ava Gemplar		10/7/22 13:10	Meg Houghton		10-7-22 1:10

Revised : 10/7/2022

Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

EV2210040 (3)

Work Order No.:

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**		**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**					
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)	PCBs (8082 MOD)	Halogenated Volatiles (8260)	Pesticides (608/8081)
B-19 4.5-5ft	Soils	10/6/22	1050	31	2	x	x	x	x					
B-20 4.5-5ft		10/6/22	1130	32	2	x	x	x	x	x	x			
B-20 7-7.5ft		10/6/22	1140	33	2	x	x	x						
B-21 0-2.5ft		10/6/22	1210	34	2	x	x	x	x					x
B-21 7.5ft		10/6/22	1215	35	2	x	x	x	x	x	x			
B-22 2.5ft		10/6/22	1230	36	2	x	x	x	x					
B-22 7-7.5ft		10/6/22	1240	37	2	x	x	x						
B-23 3ft		10/6/22	1400	38	2	x	x	x	x	x	x			
B-24 2-2.5ft		10/6/22	1415	39	2	x	x	x	x					
B-25 2.5-3ft	V	10/6/22	1505	40	2	x	x	x	x	x	x			

TAT

- [x] Routine 10 Day
- [ ] 24 hours * 100%
- [ ] 48 hours* 80%
- [ ] 3 Day* 60%
- [ ] ~~5 day*~~ ~~50%~~

* Please call for availability

Due Date:

Comments

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Ava Gempler		10/7/22 13:10	Meg Houghton		10.7.22 1:10

Revised : 10/7/2022

December 5, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On December 2nd, 16 samples were received by our laboratory and assigned our laboratory project number EV22120012. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 9:30:00 AM
CLIENT SAMPLE ID	B-26 7.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/02/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/02/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22120012 EV22120012-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 9:30:00 AM
CLIENT SAMPLE ID	B-26 7.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bromoform	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Lead	EPA-6020	**4.5**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**84.4**	12/03/2022	DLC
TFT	EPA-8021	**85.4**	12/03/2022	DLC
C25	NWTPH-DX	**112**	12/02/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**97.0**	12/02/2022	DLC
4-Bromofluorobenzene	EPA-8260	**104**	12/02/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**80.7**	12/04/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 9:50:00 AM
CLIENT SAMPLE ID	B-26 13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/02/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/02/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22120012 EV22120012-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 9:50:00 AM
CLIENT SAMPLE ID	B-26 13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Lead	EPA-6020	**4.6**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**102**	12/03/2022	DLC
TFT	EPA-8021	**105**	12/03/2022	DLC
C25	NWTPH-DX	**104**	12/02/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**102**	12/02/2022	DLC
4-Bromofluorobenzene	EPA-8260	**103**	12/02/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**83.4**	12/04/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 10:00:00 AM
CLIENT SAMPLE ID	B-26 20ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/02/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/02/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 10:00:00 AM
CLIENT SAMPLE ID	B-26 20ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Lead	EPA-6020	**4.3**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**88.7**	12/03/2022	DLC
TFT	EPA-8021	**89.8**	12/03/2022	DLC
C25	NWTPH-DX	**105**	12/02/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**93.7**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**118**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**74.2**	12/04/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 10:50:00 AM
CLIENT SAMPLE ID	B-27 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/02/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/02/2022	DHM
Dichlorodifluoromethane	EPA-8260	**11**	10	1	UG/KG	12/02/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Trichloroethene	EPA-8260	**1700**	180	10	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22120012 EV22120012-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 10:50:00 AM
CLIENT SAMPLE ID	B-27 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	**22**	20	1	UG/KG	12/04/2022	JMK
Chrysene	EPA-8270 SIM	**23**	20	1	UG/KG	12/04/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**46**	20	1	UG/KG	12/04/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	**30**	20	1	UG/KG	12/04/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**24**	20	1	UG/KG	12/04/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Lead	EPA-6020	**4.5**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**85.7**	12/03/2022	DLC
TFT	EPA-8021	**92.8**	12/03/2022	DLC
C25	NWTPH-DX	**108**	12/02/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**89.9**	12/02/2022	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	**88.5**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**108**	12/02/2022	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	**101**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**70.2**	12/04/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 11:00:00 AM
CLIENT SAMPLE ID	B-27 8.5-9ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/02/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/02/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	**19**	10	1	UG/KG	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	**12**	10	1	UG/KG	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	**90**	19	1	UG/KG	12/04/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Trichloroethene	EPA-8260	**7400**	170	10	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 11:00:00 AM
CLIENT SAMPLE ID	B-27 8.5-9ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/02/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Lead	EPA-6020	**3.8**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**85.6**	12/03/2022	DLC
TFT	EPA-8021	**74.2**	12/03/2022	DLC
C25	NWTPH-DX	**106**	12/02/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**92.4**	12/02/2022	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	**86.7**	12/03/2022	DLC
1,2-Dichloroethane-d4	EPA-8260	**87.0**	12/04/2022	DLC
4-Bromofluorobenzene	EPA-8260	**104**	12/02/2022	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	**101**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**98.6**	12/04/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**75.5**	12/04/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 11:05:00 AM
CLIENT SAMPLE ID	B-27 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/03/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/03/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	**32**	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	**13**	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	**110**	22	1	UG/KG	12/04/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	**13000**	200	10	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 11:05:00 AM
CLIENT SAMPLE ID	B-27 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Lead	EPA-6020	**4.9**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**90.1**	12/03/2022	DLC
TFT	EPA-8021	**75.5**	12/03/2022	DLC
C25	NWTPH-DX	**99.1**	12/03/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**95.4**	12/03/2022	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	**94.0**	12/03/2022	DLC
1,2-Dichloroethane-d4	EPA-8260	**90.0**	12/04/2022	DLC
4-Bromofluorobenzene	EPA-8260	**105**	12/03/2022	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	**102**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**100**	12/04/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**82.6**	12/04/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 11:15:00 AM
CLIENT SAMPLE ID	B-27 20ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/03/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/03/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 11:15:00 AM
CLIENT SAMPLE ID	B-27 20ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Lead	EPA-6020	**4.8**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**85.0**	12/03/2022	DLC
TFT	EPA-8021	**86.7**	12/03/2022	DLC
C25	NWTPH-DX	**108**	12/03/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**94.6**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**109**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**76.1**	12/04/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 12:00:00 PM
CLIENT SAMPLE ID	B-28 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/02/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/02/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	**50**	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 12:00:00 PM
CLIENT SAMPLE ID	B-28 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Lead	EPA-6020	**4.8**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**77.8**	12/03/2022	DLC
TFT	EPA-8021	**82.4**	12/03/2022	DLC
C25	NWTPH-DX	**79.9**	12/02/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**89.9**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**101**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**73.5**	12/04/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 12:05:00 PM
CLIENT SAMPLE ID	B-28 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/02/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/02/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	**35**	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	**12**	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	**21**	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	**25**	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	**1400**	190	10	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 12:05:00 PM
CLIENT SAMPLE ID	B-28 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Lead	EPA-6020	**4.7**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**82.0**	12/03/2022	DLC
TFT	EPA-8021	**87.6**	12/03/2022	DLC
C25	NWTPH-DX	**102**	12/02/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**95.7**	12/03/2022	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	**91.3**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**107**	12/03/2022	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	**103**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**31.6**	12/04/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-10
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 12:15:00 PM
CLIENT SAMPLE ID	B-28 19.5-20ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/02/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/02/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22120012 EV22120012-10
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 12:15:00 PM
CLIENT SAMPLE ID	B-28 19.5-20ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Lead	EPA-6020	**4.7**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**83.5**	12/03/2022	DLC
TFT	EPA-8021	**85.7**	12/03/2022	DLC
C25	NWTPH-DX	**102**	12/02/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**93.2**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**112**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**77.8**	12/04/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-11
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 1:35:00 PM
CLIENT SAMPLE ID	B-29 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/02/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/02/2022	DHM
Dichlorodifluoromethane	EPA-8260	**16**	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22120012 EV22120012-11
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 1:35:00 PM
CLIENT SAMPLE ID	B-29 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Lead	EPA-6020	**12**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**77.2**	12/03/2022	DLC
TFT	EPA-8021	**80.1**	12/03/2022	DLC
C25	NWTPH-DX	**109**	12/02/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**97.0**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**108**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**68.4**	12/04/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-12
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 1:45:00 PM
CLIENT SAMPLE ID	B-29 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/02/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/02/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-12
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 1:45:00 PM
CLIENT SAMPLE ID	B-29 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Lead	EPA-6020	**4.2**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**82.9**	12/03/2022	DLC
TFT	EPA-8021	**84.1**	12/03/2022	DLC
C25	NWTPH-DX	**110**	12/02/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**94.1**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**106**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**75.7**	12/04/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-13
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 1:50:00 PM
CLIENT SAMPLE ID	B-29 19.5-20ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/02/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/02/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-13
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 1:50:00 PM
CLIENT SAMPLE ID	B-29 19.5-20ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Lead	EPA-6020	**4.8**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**73.6**	12/03/2022	DLC
TFT	EPA-8021	**75.1**	12/03/2022	DLC
C25	NWTPH-DX	**96.9**	12/02/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**98.9**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**112**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**74.5**	12/04/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-14
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 2:30:00 PM
CLIENT SAMPLE ID	B-30 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/02/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/02/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-14
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 2:30:00 PM
CLIENT SAMPLE ID	B-30 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/04/2022	JMK
Lead	EPA-6020	**3.9**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**89.9**	12/03/2022	DLC
TFT	EPA-8021	**84.4**	12/03/2022	DLC
C25	NWTPH-DX	**104**	12/02/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**97.3**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**117**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**82.0**	12/04/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-15
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 2:40:00 PM
CLIENT SAMPLE ID	B-30 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/03/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/03/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	**44**	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	**24**	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	**14**	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	**23**	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	**230**	20	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22120012 EV22120012-15
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 2:40:00 PM
CLIENT SAMPLE ID	B-30 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
Lead	EPA-6020	**5.0**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**80.5**	12/03/2022	DLC
TFT	EPA-8021	**82.9**	12/03/2022	DLC
C25	NWTPH-DX	**113**	12/03/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**98.0**	12/03/2022	DLC
1,2-Dichloroethane-d4	EPA-8260	**92.2**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**108**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**97.9**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**81.0**	12/05/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-16
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 2:50:00 PM
CLIENT SAMPLE ID	B-30 19.5-20ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/05/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS JOB#:	EV22120012
		ALS SAMPLE#:	EV22120012-16
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 2:50:00 PM
CLIENT SAMPLE ID	B-30 19.5-20ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	JMK
Lead	EPA-6020	**4.5**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**77.3**	12/03/2022	DLC
TFT	EPA-8021	**78.7**	12/03/2022	DLC
C25	NWTPH-DX	**107**	12/05/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**94.0**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**116**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**78.2**	12/05/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS SDG#:	EV22120012
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-120222S2 - Batch 186904 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	12/03/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120222S2 - Batch 186904 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	12/03/2022	DLC
Toluene	EPA-8021	U	MG/KG	0.050	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	MG/KG	0.050	12/03/2022	DLC
Xylenes	EPA-8021	U	MG/KG	0.20	12/03/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120222S - Batch 186944 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	12/02/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	12/02/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120222S - Batch 186942 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Chloromethane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Bromomethane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Chloroethane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Methylene Chloride	EPA-8260	U	UG/KG	20	12/02/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Chloroform	EPA-8260	U	UG/KG	10	12/02/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	12/02/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS SDG#:	EV22120012
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-120222S - Batch 186942 - Soil by EPA-8260

1,1-Dichloropropene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Trichloroethene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Dibromochloromethane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	12/02/2022	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Bromoform	EPA-8260	U	UG/KG	10	12/02/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
2-Chlorotoluene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	12/02/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	12/02/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	12/02/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120222S - Batch 186962 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	12/04/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	12/04/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	12/04/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	12/04/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	12/04/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	12/04/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	12/04/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	12/04/2022	JMK

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CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-120222S - Batch 186962 - Soil by EPA-8270 SIM

Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	12/04/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	12/04/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120222S - Batch 186895 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	12/02/2022	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 12/5/2022
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WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 186904 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**93.6**			66.5	122.7	12/03/2022	DLC
TPH-Volatile Range - BSD	NWTPH-GX	**91.0**	**3**		66.5	122.7	12/03/2022	DLC

ALS Test Batch ID: 186904 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**96.7**			67.7	124	12/03/2022	DLC
Benzene - BSD	EPA-8021	**97.5**	**1**		67.7	124	12/03/2022	DLC
Toluene - BS	EPA-8021	**98.5**			71	123	12/03/2022	DLC
Toluene - BSD	EPA-8021	**98.9**	**0**		71	123	12/03/2022	DLC
Ethylbenzene - BS	EPA-8021	**97.5**			69.8	117	12/03/2022	DLC
Ethylbenzene - BSD	EPA-8021	**97.8**	**0**		69.8	117	12/03/2022	DLC
Xylenes - BS	EPA-8021	**98.8**			70	119	12/03/2022	DLC
Xylenes - BSD	EPA-8021	**99.2**	**0**		70	119	12/03/2022	DLC

ALS Test Batch ID: 186944 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**105**			75.5	122.1	12/05/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**104**	**2**		75.5	122.1	12/05/2022	DHM

ALS Test Batch ID: 186942 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**97.5**			50	150	12/02/2022	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**104**	**6**		50	150	12/02/2022	DLC
Chloromethane - BS	EPA-8260	**109**			50	150	12/02/2022	DLC
Chloromethane - BSD	EPA-8260	**112**	**2**		50	150	12/02/2022	DLC
Vinyl Chloride - BS	EPA-8260	**95.8**			50	150	12/02/2022	DLC
Vinyl Chloride - BSD	EPA-8260	**102**	**6**		50	150	12/02/2022	DLC
Bromomethane - BS	EPA-8260	**99.4**			50	150	12/02/2022	DLC
Bromomethane - BSD	EPA-8260	**101**	**2**		50	150	12/02/2022	DLC
Chloroethane - BS	EPA-8260	**92.2**			50	150	12/02/2022	DLC
Chloroethane - BSD	EPA-8260	**96.7**	**5**		50	150	12/02/2022	DLC
Carbon Tetrachloride - BS	EPA-8260	**84.5**			50	150	12/02/2022	DLC
Carbon Tetrachloride - BSD	EPA-8260	**80.4**	**5**		50	150	12/02/2022	DLC
Trichlorofluoromethane - BS	EPA-8260	**94.2**			50	150	12/02/2022	DLC
Trichlorofluoromethane - BSD	EPA-8260	**95.7**	**1**		50	150	12/02/2022	DLC
1,1-Dichloroethene - BS	EPA-8260	**93.7**			70	130	12/02/2022	DLC

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CLIENT PROJECT: Sunset Commons

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ALS SDG#: EV22120012
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BSD	EPA-8260	**97.0**	**3**		70	130	12/02/2022	DLC
Methylene Chloride - BS	EPA-8260	**93.4**			50	150	12/02/2022	DLC
Methylene Chloride - BSD	EPA-8260	**98.7**	**6**		50	150	12/02/2022	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**96.2**			50	150	12/02/2022	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**96.4**	**0**		50	150	12/02/2022	DLC
1,1-Dichloroethane - BS	EPA-8260	**99.3**			50	150	12/02/2022	DLC
1,1-Dichloroethane - BSD	EPA-8260	**98.8**	**1**		50	150	12/02/2022	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**95.6**			50	150	12/02/2022	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**96.8**	**1**		50	150	12/02/2022	DLC
2,2-Dichloropropane - BS	EPA-8260	**95.0**			50	150	12/02/2022	DLC
2,2-Dichloropropane - BSD	EPA-8260	**94.8**	**0**		50	150	12/02/2022	DLC
Bromochloromethane - BS	EPA-8260	**99.7**			50	150	12/02/2022	DLC
Bromochloromethane - BSD	EPA-8260	**102**	**2**		50	150	12/02/2022	DLC
Chloroform - BS	EPA-8260	**92.5**			50	150	12/02/2022	DLC
Chloroform - BSD	EPA-8260	**91.7**	**1**		50	150	12/02/2022	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**92.9**			50	150	12/02/2022	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**87.3**	**6**		50	150	12/02/2022	DLC
1,1-Dichloropropene - BS	EPA-8260	**86.7**			50	150	12/02/2022	DLC
1,1-Dichloropropene - BSD	EPA-8260	**84.0**	**3**		50	150	12/02/2022	DLC
1,2-Dichloroethane - BS	EPA-8260	**101**			50	150	12/02/2022	DLC
1,2-Dichloroethane - BSD	EPA-8260	**100**	**0**		50	150	12/02/2022	DLC
Trichloroethene - BS	EPA-8260	**99.7**			75	136	12/02/2022	DLC
Trichloroethene - BSD	EPA-8260	**98.7**	**1**		75	136	12/02/2022	DLC
1,2-Dichloropropane - BS	EPA-8260	**103**			50	150	12/02/2022	DLC
1,2-Dichloropropane - BSD	EPA-8260	**101**	**2**		50	150	12/02/2022	DLC
Dibromomethane - BS	EPA-8260	**105**			50	150	12/02/2022	DLC
Dibromomethane - BSD	EPA-8260	**101**	**4**		50	150	12/02/2022	DLC
Bromodichloromethane - BS	EPA-8260	**102**			50	150	12/02/2022	DLC
Bromodichloromethane - BSD	EPA-8260	**101**	**0**		50	150	12/02/2022	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**97.2**			50	150	12/02/2022	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**92.7**	**5**		50	150	12/02/2022	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**99.9**			50	150	12/02/2022	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**101**	**1**		50	150	12/02/2022	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**109**			50	150	12/02/2022	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**108**	**1**		50	150	12/02/2022	DLC
1,3-Dichloropropane - BS	EPA-8260	**107**			50	150	12/02/2022	DLC
1,3-Dichloropropane - BSD	EPA-8260	**104**	**3**		50	150	12/02/2022	DLC
Tetrachloroethylene - BS	EPA-8260	**88.7**			50	150	12/02/2022	DLC
Tetrachloroethylene - BSD	EPA-8260	**88.8**	**0**		50	150	12/02/2022	DLC
Dibromochloromethane - BS	EPA-8260	**94.4**			50	150	12/02/2022	DLC

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DATE: 12/5/2022
ALS SDG#: EV22120012
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dibromochloromethane - BSD	EPA-8260	**92.8**	**2**		50	150	12/02/2022	DLC
1,2-Dibromoethane - BS	EPA-8260	**108**			50	150	12/02/2022	DLC
1,2-Dibromoethane - BSD	EPA-8260	**105**	**3**		50	150	12/02/2022	DLC
Chlorobenzene - BS	EPA-8260	**103**			79	128	12/02/2022	DLC
Chlorobenzene - BSD	EPA-8260	**96.2**	**6**		79	128	12/02/2022	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**98.2**			50	150	12/02/2022	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**94.1**	**4**		50	150	12/02/2022	DLC
Bromoform - BS	EPA-8260	**90.1**			50	150	12/02/2022	DLC
Bromoform - BSD	EPA-8260	**87.6**	**3**		50	150	12/02/2022	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**108**			50	150	12/02/2022	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**108**	**1**		50	150	12/02/2022	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**89.8**			50	150	12/02/2022	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**88.3**	**2**		50	150	12/02/2022	DLC
Bromobenzene - BS	EPA-8260	**94.3**			50	150	12/02/2022	DLC
Bromobenzene - BSD	EPA-8260	**92.1**	**2**		50	150	12/02/2022	DLC
2-Chlorotoluene - BS	EPA-8260	**93.3**			50	150	12/02/2022	DLC
2-Chlorotoluene - BSD	EPA-8260	**91.3**	**2**		50	150	12/02/2022	DLC
4-Chlorotoluene - BS	EPA-8260	**98.7**			50	150	12/02/2022	DLC
4-Chlorotoluene - BSD	EPA-8260	**95.5**	**3**		50	150	12/02/2022	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**102**			50	150	12/02/2022	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**99.6**	**3**		50	150	12/02/2022	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**102**			50	150	12/02/2022	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**95.5**	**7**		50	150	12/02/2022	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**104**			50	150	12/02/2022	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**98.9**	**5**		50	150	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**105**			50	150	12/02/2022	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**105**	**0**		50	150	12/02/2022	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**103**			50	150	12/02/2022	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**98.3**	**5**		50	150	12/02/2022	DLC
Hexachlorobutadiene - BS	EPA-8260	**101**			50	150	12/02/2022	DLC
Hexachlorobutadiene - BSD	EPA-8260	**93.7**	**8**		50	150	12/02/2022	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**102**			50	150	12/02/2022	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**99.9**	**2**		50	150	12/02/2022	DLC

ALS Test Batch ID: 186962 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**101**			20	150	12/04/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**106**	**5**		20	150	12/04/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**105**			20	150	12/04/2022	JMK

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LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
2-Methylnaphthalene - BSD	EPA-8270 SIM	**108**	**3**		20	150	12/04/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**103**			20	150	12/04/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**107**	**4**		20	150	12/04/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**122**			20	150	12/04/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**119**	**3**		20	150	12/04/2022	JMK
Chrysene - BS	EPA-8270 SIM	**119**			20	150	12/04/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**115**	**3**		20	150	12/04/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**122**			20	150	12/04/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**118**	**3**		20	150	12/04/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**121**			20	150	12/04/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**115**	**5**		20	150	12/04/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**121**			20	150	12/04/2022	JMK
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**119**	**2**		20	150	12/04/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**132**			20	150	12/04/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**126**	**5**		20	150	12/04/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**128**			20	150	12/04/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**121**	**6**		20	150	12/04/2022	JMK

ALS Test Batch ID: 186895 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**96.9**			80	120	12/02/2022	EBS
Lead - BSD	EPA-6020	**98.4**	**2**		80	120	12/02/2022	EBS

APPROVED BY

Laboratory Director

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EV22120012

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.:

Project Manager:	Thom-Aimee			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)		Halogenated Volatiles (8260)										
B-26 7.5ft	Soil	11/30/22	930	1	4	x	x	x	x	x	x		x										
B-26 13ft	Soil	11/30/22	950	2	4	x	x	x	x	x	x		x										
B-26 20ft	Soil	11/30/22	1000	3	4	x	x	x	x	x	x		x										
B-27 7.5-8ft	Soil	11/30/22	1050	4	4	x	x	x	x	x	x		x										
B-27 8.5-9ft	Soil	11/30/22	1100	5	4	x	x	x	x	x	x		x										
B-27 12.5-13ft	Soil	11/30/22	1105	6	4	x	x	x	x	x	x		x										
B-27 20ft	Soil	11/30/22	1115	7	4	x	x	x	x	x	x		x										
B-28 7.5-8ft	Soil	11/30/22	1200	8	4	x	x	x	x	x	x		x										
B-28 12.5-13ft	Soil	11/30/22	1205	9	4	x	x	x	x	x	x		x										
B-28 19.5-20ft	Soil	11/30/22	1215	10	4	x	x	x	x	x	x		x										
B-29 7.5-8ft	Soil	11/30/22	1335	11	4	x	x	x	x	x	x		x										
B-29 12.5-13ft	Soil	11/30/22	1345	12	4	x	x	x	x	x	x		x										
B-29 19.5-20ft	Soil	11/30/22	1350	13	4	x	x	x	x	x	x		x										
B-30 7.5-8ft	Soil	11/30/22	1430	14	4	x	x	x	x	x	x		x										
B-30 12.5-13ft	Soil	11/30/22	1440	15	4	x	x	x	x	x	x		x										
B-30 19.5-20ft	Soil	11/30/22	1450	16	4	x	x	x	x	x	x		x										

TAT

- ☐ Routine 10 Day
- ■ 24 hours * 100%
- ☐ 48 hours* 80%
- ☐ 3 Day* 60%
- ☐ 5 day* 50%

* Please call for availability

Due Date:

Comments

all samples collected via method 5035A

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Thom Davis		12/1/22 @ 1235	Glen Perry	Glen Perry	12/2/22 8:30AM

Revised : 12/1/2022

December 6, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On December 2nd, 10 samples were received by our laboratory and assigned our laboratory project number EV22120017. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS JOB#:	EV22120017
		ALS SAMPLE#:	EV22120017-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 9:00:00 AM
CLIENT SAMPLE ID	B-31 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/05/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120017 EV22120017-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 9:00:00 AM
CLIENT SAMPLE ID	B-31 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Lead	EPA-6020	**4.8**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**111**	12/03/2022	DLC
TFT	EPA-8021	**113**	12/03/2022	DLC
C25	NWTPH-DX	**75.5**	12/05/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**93.3**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**110**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**85.1**	12/05/2022	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS JOB#:	EV22120017
		ALS SAMPLE#:	EV22120017-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 9:05:00 AM
CLIENT SAMPLE ID	B-31 13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/05/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS JOB#:	EV22120017
		ALS SAMPLE#:	EV22120017-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 9:05:00 AM
CLIENT SAMPLE ID	B-31 13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Lead	EPA-6020	**3.9**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**104**	12/03/2022	DLC
TFT	EPA-8021	**105**	12/03/2022	DLC
C25	NWTPH-DX	**81.6**	12/05/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**91.6**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**106**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**80.7**	12/05/2022	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS JOB#:	EV22120017
		ALS SAMPLE#:	EV22120017-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 9:10:00 AM
CLIENT SAMPLE ID	B-31 19ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/05/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/05/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/05/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS JOB#:	EV22120017
		ALS SAMPLE#:	EV22120017-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 9:10:00 AM
CLIENT SAMPLE ID	B-31 19ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/05/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Lead	EPA-6020	**4.5**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**105**	12/03/2022	DLC
TFT	EPA-8021	**109**	12/03/2022	DLC
C25	NWTPH-DX	**80.4**	12/05/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**95.8**	12/05/2022	DLC
4-Bromofluorobenzene	EPA-8260	**116**	12/05/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**78.3**	12/05/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS JOB#:	EV22120017
		ALS SAMPLE#:	EV22120017-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 9:55:00 AM
CLIENT SAMPLE ID	B-32 7.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/05/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS JOB#:	EV22120017
		ALS SAMPLE#:	EV22120017-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 9:55:00 AM
CLIENT SAMPLE ID	B-32 7.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Lead	EPA-6020	**4.4**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**107**	12/03/2022	DLC
TFT	EPA-8021	**110**	12/03/2022	DLC
C25	NWTPH-DX	**82.3**	12/05/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**86.2**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**102**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**82.3**	12/05/2022	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS JOB#:	EV22120017
		ALS SAMPLE#:	EV22120017-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 10:00:00 AM
CLIENT SAMPLE ID	B-32 12.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/05/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120017 EV22120017-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 10:00:00 AM
CLIENT SAMPLE ID	B-32 12.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Lead	EPA-6020	**4.4**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**101**	12/03/2022	DLC
TFT	EPA-8021	**104**	12/03/2022	DLC
C25	NWTPH-DX	**82.8**	12/05/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**89.4**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**98.0**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**80.4**	12/05/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS JOB#:	EV22120017
		ALS SAMPLE#:	EV22120017-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 10:05:00 AM
CLIENT SAMPLE ID	B-32 19ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/05/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/05/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/05/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS JOB#:	EV22120017
		ALS SAMPLE#:	EV22120017-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 10:05:00 AM
CLIENT SAMPLE ID	B-32 19ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/05/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Lead	EPA-6020	**4.5**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**102**	12/03/2022	DLC
TFT	EPA-8021	**104**	12/03/2022	DLC
C25	NWTPH-DX	**78.5**	12/05/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**95.2**	12/05/2022	DLC
4-Bromofluorobenzene	EPA-8260	**108**	12/05/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**83.9**	12/05/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS JOB#:	EV22120017
		ALS SAMPLE#:	EV22120017-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 11:00:00 AM
CLIENT SAMPLE ID	B-33 3ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/05/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS JOB#:	EV22120017
		ALS SAMPLE#:	EV22120017-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 11:00:00 AM
CLIENT SAMPLE ID	B-33 3ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Lead	EPA-6020	**4.2**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**83.3**	12/03/2022	DLC
TFT	EPA-8021	**83.3**	12/03/2022	DLC
C25	NWTPH-DX	**76.2**	12/05/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**93.4**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**101**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**88.0**	12/05/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS JOB#:	EV22120017
		ALS SAMPLE#:	EV22120017-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 11:05:00 AM
CLIENT SAMPLE ID	B-33 7.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/05/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS JOB#:	EV22120017
		ALS SAMPLE#:	EV22120017-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 11:05:00 AM
CLIENT SAMPLE ID	B-33 7.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Lead	EPA-6020	**4.7**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**89.4**	12/03/2022	DLC
TFT	EPA-8021	**89.7**	12/03/2022	DLC
C25	NWTPH-DX	**76.6**	12/05/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**95.6**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**106**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**72.4**	12/05/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS JOB#:	EV22120017
		ALS SAMPLE#:	EV22120017-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 11:10:00 AM
CLIENT SAMPLE ID	B-33 12.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/05/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120017 EV22120017-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 11:10:00 AM
CLIENT SAMPLE ID	B-33 12.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/03/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Lead	EPA-6020	**5.1**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**94.6**	12/03/2022	DLC
TFT	EPA-8021	**95.7**	12/03/2022	DLC
C25	NWTPH-DX	**78.7**	12/05/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**97.8**	12/03/2022	DLC
4-Bromofluorobenzene	EPA-8260	**103**	12/03/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**81.2**	12/05/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS JOB#:	EV22120017
		ALS SAMPLE#:	EV22120017-10
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 11:15:00 AM
CLIENT SAMPLE ID	B-33 19ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/05/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/05/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/05/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120017 EV22120017-10
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/2/2022 11:15:00 AM
CLIENT SAMPLE ID	B-33 19ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/05/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Lead	EPA-6020	**3.8**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**92.3**	12/03/2022	DLC
TFT	EPA-8021	**95.0**	12/03/2022	DLC
C25	NWTPH-DX	**86.0**	12/05/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**91.4**	12/05/2022	DLC
4-Bromofluorobenzene	EPA-8260	**109**	12/05/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**88.8**	12/05/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS SDG#:	EV22120017
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-120322S - Batch 186989 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	12/03/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120322S - Batch 186989 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	12/03/2022	DLC
Toluene	EPA-8021	U	MG/KG	0.050	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	MG/KG	0.050	12/03/2022	DLC
Xylenes	EPA-8021	U	MG/KG	0.20	12/03/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120522S - Batch 187014 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	12/05/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120322S - Batch 187019 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Chloromethane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Bromomethane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Chloroethane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Methylene Chloride	EPA-8260	U	UG/KG	20	12/03/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Chloroform	EPA-8260	U	UG/KG	10	12/03/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS SDG#:	EV22120017
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-120322S - Batch 187019 - Soil by EPA-8260

1,1-Dichloropropene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Trichloroethene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Dibromochloromethane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	12/03/2022	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Bromoform	EPA-8260	U	UG/KG	10	12/03/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
2-Chlorotoluene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	12/03/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	12/03/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	12/03/2022	DLC

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MB-120522S - Batch 187023 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Chloromethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Bromomethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Chloroethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	12/05/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS SDG#:	EV22120017
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-120522S - Batch 187023 - Soil by EPA-8260

Methylene Chloride	EPA-8260	U	UG/KG	20	12/05/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Chloroform	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,1-Dichloropropene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Trichloroethene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Dibromochloromethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	12/05/2022	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Bromoform	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
2-Chlorotoluene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	12/05/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	12/05/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
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		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-120522S - Batch 187032 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP

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MB-120522S - Batch 186958 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	12/05/2022	RAL

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		ALS SDG#:	EV22120017
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 186989 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**99.2**			66.5	122.7	12/03/2022	DLC
TPH-Volatile Range - BSD	NWTPH-GX	**99.5**	**0**		66.5	122.7	12/03/2022	DLC

ALS Test Batch ID: 186989 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**99.2**			67.7	124	12/03/2022	DLC
Benzene - BSD	EPA-8021	**99.4**	**0**		67.7	124	12/03/2022	DLC
Toluene - BS	EPA-8021	**103**			71	123	12/03/2022	DLC
Toluene - BSD	EPA-8021	**103**	**0**		71	123	12/03/2022	DLC
Ethylbenzene - BS	EPA-8021	**105**			69.8	117	12/03/2022	DLC
Ethylbenzene - BSD	EPA-8021	**105**	**0**		69.8	117	12/03/2022	DLC
Xylenes - BS	EPA-8021	**106**			70	119	12/03/2022	DLC
Xylenes - BSD	EPA-8021	**106**	**0**		70	119	12/03/2022	DLC

ALS Test Batch ID: 187014 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**99.8**			75.5	122.1	12/05/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**99.3**	**1**		75.5	122.1	12/05/2022	DHM

ALS Test Batch ID: 187019 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**77.0**			50	150	12/03/2022	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**77.5**	**1**		50	150	12/03/2022	DLC
Chloromethane - BS	EPA-8260	**86.1**			50	150	12/03/2022	DLC
Chloromethane - BSD	EPA-8260	**94.2**	**9**		50	150	12/03/2022	DLC
Vinyl Chloride - BS	EPA-8260	**81.5**			50	150	12/03/2022	DLC
Vinyl Chloride - BSD	EPA-8260	**81.6**	**0**		50	150	12/03/2022	DLC
Bromomethane - BS	EPA-8260	**87.5**			50	150	12/03/2022	DLC
Bromomethane - BSD	EPA-8260	**88.9**	**2**		50	150	12/03/2022	DLC
Chloroethane - BS	EPA-8260	**82.2**			50	150	12/03/2022	DLC
Chloroethane - BSD	EPA-8260	**82.6**	**0**		50	150	12/03/2022	DLC
Carbon Tetrachloride - BS	EPA-8260	**78.0**			50	150	12/03/2022	DLC
Carbon Tetrachloride - BSD	EPA-8260	**77.6**	**0**		50	150	12/03/2022	DLC
Trichlorofluoromethane - BS	EPA-8260	**81.7**			50	150	12/03/2022	DLC
Trichlorofluoromethane - BSD	EPA-8260	**80.9**	**1**		50	150	12/03/2022	DLC
1,1-Dichloroethene - BS	EPA-8260	**84.3**			70	130	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 12/6/2022
ALS SDG#: EV22120017
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BSD	EPA-8260	**82.5**	**2**		70	130	12/03/2022	DLC
Methylene Chloride - BS	EPA-8260	**57.2**			50	150	12/03/2022	DLC
Methylene Chloride - BSD	EPA-8260	**59.9**	**5**		50	150	12/03/2022	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**90.3**			50	150	12/03/2022	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**90.6**	**0**		50	150	12/03/2022	DLC
1,1-Dichloroethane - BS	EPA-8260	**86.9**			50	150	12/03/2022	DLC
1,1-Dichloroethane - BSD	EPA-8260	**90.4**	**4**		50	150	12/03/2022	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**88.6**			50	150	12/03/2022	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**88.9**	**0**		50	150	12/03/2022	DLC
2,2-Dichloropropane - BS	EPA-8260	**93.6**			50	150	12/03/2022	DLC
2,2-Dichloropropane - BSD	EPA-8260	**91.2**	**3**		50	150	12/03/2022	DLC
Bromochloromethane - BS	EPA-8260	**87.0**			50	150	12/03/2022	DLC
Bromochloromethane - BSD	EPA-8260	**85.2**	**2**		50	150	12/03/2022	DLC
Chloroform - BS	EPA-8260	**85.1**			50	150	12/03/2022	DLC
Chloroform - BSD	EPA-8260	**85.6**	**1**		50	150	12/03/2022	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**85.3**			50	150	12/03/2022	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**85.8**	**1**		50	150	12/03/2022	DLC
1,1-Dichloropropene - BS	EPA-8260	**81.7**			50	150	12/03/2022	DLC
1,1-Dichloropropene - BSD	EPA-8260	**78.0**	**5**		50	150	12/03/2022	DLC
1,2-Dichloroethane - BS	EPA-8260	**87.1**			50	150	12/03/2022	DLC
1,2-Dichloroethane - BSD	EPA-8260	**85.6**	**2**		50	150	12/03/2022	DLC
Trichloroethene - BS	EPA-8260	**98.6**			75	136	12/03/2022	DLC
Trichloroethene - BSD	EPA-8260	**95.2**	**4**		75	136	12/03/2022	DLC
1,2-Dichloropropane - BS	EPA-8260	**95.5**			50	150	12/03/2022	DLC
1,2-Dichloropropane - BSD	EPA-8260	**95.1**	**0**		50	150	12/03/2022	DLC
Dibromomethane - BS	EPA-8260	**96.0**			50	150	12/03/2022	DLC
Dibromomethane - BSD	EPA-8260	**90.9**	**5**		50	150	12/03/2022	DLC
Bromodichloromethane - BS	EPA-8260	**94.8**			50	150	12/03/2022	DLC
Bromodichloromethane - BSD	EPA-8260	**94.8**	**0**		50	150	12/03/2022	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**87.3**			50	150	12/03/2022	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**86.8**	**1**		50	150	12/03/2022	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**94.7**			50	150	12/03/2022	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**94.7**	**0**		50	150	12/03/2022	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**96.7**			50	150	12/03/2022	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**91.9**	**5**		50	150	12/03/2022	DLC
1,3-Dichloropropane - BS	EPA-8260	**96.4**			50	150	12/03/2022	DLC
1,3-Dichloropropane - BSD	EPA-8260	**92.2**	**4**		50	150	12/03/2022	DLC
Tetrachloroethylene - BS	EPA-8260	**88.0**			50	150	12/03/2022	DLC
Tetrachloroethylene - BSD	EPA-8260	**88.6**	**1**		50	150	12/03/2022	DLC
Dibromochloromethane - BS	EPA-8260	**86.3**			50	150	12/03/2022	DLC

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CERTIFICATE OF ANALYSIS

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228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 12/6/2022
ALS SDG#: EV22120017
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dibromochloromethane - BSD	EPA-8260	**86.8**	**1**		50	150	12/03/2022	DLC
1,2-Dibromoethane - BS	EPA-8260	**97.6**			50	150	12/03/2022	DLC
1,2-Dibromoethane - BSD	EPA-8260	**94.5**	**3**		50	150	12/03/2022	DLC
Chlorobenzene - BS	EPA-8260	**96.1**			79	128	12/03/2022	DLC
Chlorobenzene - BSD	EPA-8260	**95.1**	**1**		79	128	12/03/2022	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**91.8**			50	150	12/03/2022	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**93.3**	**2**		50	150	12/03/2022	DLC
Bromoform - BS	EPA-8260	**83.4**			50	150	12/03/2022	DLC
Bromoform - BSD	EPA-8260	**80.8**	**3**		50	150	12/03/2022	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**93.3**			50	150	12/03/2022	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**88.5**	**5**		50	150	12/03/2022	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**77.0**			50	150	12/03/2022	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**73.7**	**4**		50	150	12/03/2022	DLC
Bromobenzene - BS	EPA-8260	**87.0**			50	150	12/03/2022	DLC
Bromobenzene - BSD	EPA-8260	**87.3**	**0**		50	150	12/03/2022	DLC
2-Chlorotoluene - BS	EPA-8260	**89.2**			50	150	12/03/2022	DLC
2-Chlorotoluene - BSD	EPA-8260	**88.2**	**1**		50	150	12/03/2022	DLC
4-Chlorotoluene - BS	EPA-8260	**92.6**			50	150	12/03/2022	DLC
4-Chlorotoluene - BSD	EPA-8260	**90.2**	**3**		50	150	12/03/2022	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**98.1**			50	150	12/03/2022	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**95.2**	**3**		50	150	12/03/2022	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**94.9**			50	150	12/03/2022	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**93.6**	**1**		50	150	12/03/2022	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**93.9**			50	150	12/03/2022	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**91.5**	**3**		50	150	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**83.8**			50	150	12/03/2022	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**76.1**	**10**		50	150	12/03/2022	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**99.1**			50	150	12/03/2022	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**90.2**	**9**		50	150	12/03/2022	DLC
Hexachlorobutadiene - BS	EPA-8260	**101**			50	150	12/03/2022	DLC
Hexachlorobutadiene - BSD	EPA-8260	**94.3**	**7**		50	150	12/03/2022	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**92.0**			50	150	12/03/2022	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**80.3**	**14**		50	150	12/03/2022	DLC

ALS Test Batch ID: 187023 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**104**			50	150	12/05/2022	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**100**	**4**		50	150	12/05/2022	DLC
Chloromethane - BS	EPA-8260	**117**			50	150	12/05/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 12/6/2022
ALS SDG#: EV22120017
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Chloromethane - BSD	EPA-8260	**112**	**4**		50	150	12/05/2022	DLC
Vinyl Chloride - BS	EPA-8260	**105**			50	150	12/05/2022	DLC
Vinyl Chloride - BSD	EPA-8260	**102**	**4**		50	150	12/05/2022	DLC
Bromomethane - BS	EPA-8260	**110**			50	150	12/05/2022	DLC
Bromomethane - BSD	EPA-8260	**108**	**2**		50	150	12/05/2022	DLC
Chloroethane - BS	EPA-8260	**96.4**			50	150	12/05/2022	DLC
Chloroethane - BSD	EPA-8260	**93.6**	**3**		50	150	12/05/2022	DLC
Carbon Tetrachloride - BS	EPA-8260	**95.3**			50	150	12/05/2022	DLC
Carbon Tetrachloride - BSD	EPA-8260	**96.3**	**1**		50	150	12/05/2022	DLC
Trichlorofluoromethane - BS	EPA-8260	**96.3**			50	150	12/05/2022	DLC
Trichlorofluoromethane - BSD	EPA-8260	**95.3**	**1**		50	150	12/05/2022	DLC
1,1-Dichloroethene - BS	EPA-8260	**97.2**			70	130	12/05/2022	DLC
1,1-Dichloroethene - BSD	EPA-8260	**94.7**	**3**		70	130	12/05/2022	DLC
Methylene Chloride - BS	EPA-8260	**94.5**			50	150	12/05/2022	DLC
Methylene Chloride - BSD	EPA-8260	**98.7**	**4**		50	150	12/05/2022	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**94.7**			50	150	12/05/2022	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**93.8**	**1**		50	150	12/05/2022	DLC
1,1-Dichloroethane - BS	EPA-8260	**98.6**			50	150	12/05/2022	DLC
1,1-Dichloroethane - BSD	EPA-8260	**93.6**	**5**		50	150	12/05/2022	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**95.8**			50	150	12/05/2022	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**98.6**	**3**		50	150	12/05/2022	DLC
2,2-Dichloropropane - BS	EPA-8260	**89.1**			50	150	12/05/2022	DLC
2,2-Dichloropropane - BSD	EPA-8260	**88.6**	**1**		50	150	12/05/2022	DLC
Bromochloromethane - BS	EPA-8260	**96.8**			50	150	12/05/2022	DLC
Bromochloromethane - BSD	EPA-8260	**95.6**	**1**		50	150	12/05/2022	DLC
Chloroform - BS	EPA-8260	**91.1**			50	150	12/05/2022	DLC
Chloroform - BSD	EPA-8260	**96.1**	**5**		50	150	12/05/2022	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**89.8**			50	150	12/05/2022	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**91.3**	**2**		50	150	12/05/2022	DLC
1,1-Dichloropropene - BS	EPA-8260	**86.7**			50	150	12/05/2022	DLC
1,1-Dichloropropene - BSD	EPA-8260	**88.3**	**2**		50	150	12/05/2022	DLC
1,2-Dichloroethane - BS	EPA-8260	**96.7**			50	150	12/05/2022	DLC
1,2-Dichloroethane - BSD	EPA-8260	**98.0**	**1**		50	150	12/05/2022	DLC
Trichloroethene - BS	EPA-8260	**97.2**			75	136	12/05/2022	DLC
Trichloroethene - BSD	EPA-8260	**95.8**	**1**		75	136	12/05/2022	DLC
1,2-Dichloropropane - BS	EPA-8260	**100**			50	150	12/05/2022	DLC
1,2-Dichloropropane - BSD	EPA-8260	**98.1**	**2**		50	150	12/05/2022	DLC
Dibromomethane - BS	EPA-8260	**99.2**			50	150	12/05/2022	DLC
Dibromomethane - BSD	EPA-8260	**96.8**	**2**		50	150	12/05/2022	DLC
Bromodichloromethane - BS	EPA-8260	**102**			50	150	12/05/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 12/6/2022
ALS SDG#: EV22120017
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Bromodichloromethane - BSD	EPA-8260	**103**	**1**		50	150	12/05/2022	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**94.0**			50	150	12/05/2022	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**93.3**	**1**		50	150	12/05/2022	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**103**			50	150	12/05/2022	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**102**	**0**		50	150	12/05/2022	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**97.5**			50	150	12/05/2022	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**97.9**	**0**		50	150	12/05/2022	DLC
1,3-Dichloropropane - BS	EPA-8260	**98.6**			50	150	12/05/2022	DLC
1,3-Dichloropropane - BSD	EPA-8260	**99.3**	**1**		50	150	12/05/2022	DLC
Tetrachloroethylene - BS	EPA-8260	**95.7**			50	150	12/05/2022	DLC
Tetrachloroethylene - BSD	EPA-8260	**93.4**	**2**		50	150	12/05/2022	DLC
Dibromochloromethane - BS	EPA-8260	**89.7**			50	150	12/05/2022	DLC
Dibromochloromethane - BSD	EPA-8260	**90.5**	**1**		50	150	12/05/2022	DLC
1,2-Dibromoethane - BS	EPA-8260	**102**			50	150	12/05/2022	DLC
1,2-Dibromoethane - BSD	EPA-8260	**102**	**0**		50	150	12/05/2022	DLC
Chlorobenzene - BS	EPA-8260	**96.9**			79	128	12/05/2022	DLC
Chlorobenzene - BSD	EPA-8260	**97.9**	**1**		79	128	12/05/2022	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**96.9**			50	150	12/05/2022	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**100**	**3**		50	150	12/05/2022	DLC
Bromoform - BS	EPA-8260	**98.0**			50	150	12/05/2022	DLC
Bromoform - BSD	EPA-8260	**96.7**	**1**		50	150	12/05/2022	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**100**			50	150	12/05/2022	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**96.8**	**3**		50	150	12/05/2022	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**101**			50	150	12/05/2022	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**98.7**	**2**		50	150	12/05/2022	DLC
Bromobenzene - BS	EPA-8260	**99.0**			50	150	12/05/2022	DLC
Bromobenzene - BSD	EPA-8260	**106**	**6**		50	150	12/05/2022	DLC
2-Chlorotoluene - BS	EPA-8260	**99.6**			50	150	12/05/2022	DLC
2-Chlorotoluene - BSD	EPA-8260	**99.0**	**1**		50	150	12/05/2022	DLC
4-Chlorotoluene - BS	EPA-8260	**97.2**			50	150	12/05/2022	DLC
4-Chlorotoluene - BSD	EPA-8260	**94.0**	**3**		50	150	12/05/2022	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**96.4**			50	150	12/05/2022	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**94.2**	**2**		50	150	12/05/2022	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**93.4**			50	150	12/05/2022	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**93.6**	**0**		50	150	12/05/2022	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**96.3**			50	150	12/05/2022	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**96.7**	**0**		50	150	12/05/2022	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**102**			50	150	12/05/2022	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**98.3**	**3**		50	150	12/05/2022	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**99.2**			50	150	12/05/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 12/6/2022
ALS SDG#: EV22120017
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,2,4-Trichlorobenzene - BSD	EPA-8260	**93.9**	**6**		50	150	12/05/2022	DLC
Hexachlorobutadiene - BS	EPA-8260	**97.7**			50	150	12/05/2022	DLC
Hexachlorobutadiene - BSD	EPA-8260	**93.9**	**4**		50	150	12/05/2022	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**88.1**			50	150	12/05/2022	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**87.8**	**0**		50	150	12/05/2022	DLC

ALS Test Batch ID: 187032 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**87.7**			20	150	12/05/2022	GAP
Naphthalene - BSD	EPA-8270 SIM	**87.6**	**0**		20	150	12/05/2022	GAP
2-Methylnaphthalene - BS	EPA-8270 SIM	**88.0**			20	150	12/05/2022	GAP
2-Methylnaphthalene - BSD	EPA-8270 SIM	**89.1**	**1**		20	150	12/05/2022	GAP
1-Methylnaphthalene - BS	EPA-8270 SIM	**88.7**			20	150	12/05/2022	GAP
1-Methylnaphthalene - BSD	EPA-8270 SIM	**89.4**	**1**		20	150	12/05/2022	GAP
Benzo[A]Anthracene - BS	EPA-8270 SIM	**99.2**			20	150	12/05/2022	GAP
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**102**	**2**		20	150	12/05/2022	GAP
Chrysene - BS	EPA-8270 SIM	**97.1**			20	150	12/05/2022	GAP
Chrysene - BSD	EPA-8270 SIM	**98.0**	**1**		20	150	12/05/2022	GAP
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**100**			20	150	12/05/2022	GAP
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**101**	**1**		20	150	12/05/2022	GAP
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**104**			20	150	12/05/2022	GAP
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**102**	**2**		20	150	12/05/2022	GAP
Benzo[A]Pyrene - BS	EPA-8270 SIM	**104**			20	150	12/05/2022	GAP
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**106**	**2**		20	150	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**107**			20	150	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**108**	**1**		20	150	12/05/2022	GAP
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**104**			20	150	12/05/2022	GAP
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**105**	**1**		20	150	12/05/2022	GAP

ALS Test Batch ID: 186958 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**96.5**			80	120	12/05/2022	RAL
Lead - BSD	EPA-6020	**98.1**	**2**		80	120	12/05/2022	RAL

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ALS Group USA, Corp dba ALS Environmental

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CERTIFICATE OF ANALYSIS

APPROVED BY



Laboratory Director

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ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
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Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.: EU221R0017

Project Manager:	Thom-Aimee			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Matt Roberts						

SAMPLE RECEIPT

Temperature (°C):	5.1°C			
Received Intact:	(Yes)	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	(No)	N/A	Total Containers: 4

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)		Halogenated Volatiles (8260)											
B-31 7.5-8ft	Soil	12/2/22	9:00	1	4	x	x	x	x	x	x		x											
B-31 13ft	Soil	12/2/22	9:05	2	4	x	x	x	x	x	x		x											
B-31 19ft	Soil	12/2/22	9:10	3	4	x	x	x	x	x	x		x											
B-32 7.5ft	Soil	12/2/22	9:55	4	4	x	x	x	x	x	x		x											
B-32 12.5ft	Soil	12/2/22	10:00	5	4	x	x	x	x	x	x		x											
B-32 19ft	Soil	12/2/22	10:05	6	4	x	x	x	x	x	x		x											
B-33 3ft	Soil	12/2/22	11:00	7	4	x	x	x	x	x	x		x											
B-33 7.5ft	Soil	12/2/22	11:05	8	4	x	x	x	x	x	x		x											
B-33 12.5ft	Soil	12/2/22	11:10	9	4	x	x	x	x	x	x		x											
B-33 19ft	Soil	12/2/22	11:15	10	4	x	x	x	x	x	x		x											

TAT

- ☐ Routine 10 Day
- ■ 24 hours * 100%
- ☐ 48 hours* 80%
- ☐ 3 Day* 60%
- ☐ 5 day* 50%

* Please call for availability

Due Date:

Comments

all samples collected via method 5035A

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Harold Cashman		12/2/22 12:30	Glen Perry		12/2/22 1:45PM

Revised: 12/2/2022

December 6, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On December 2nd, 11 samples were received by our laboratory and assigned our laboratory project number EV22120018. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 9:35:00 AM
CLIENT SAMPLE ID	MW-1 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/05/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/05/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/05/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 9:35:00 AM
CLIENT SAMPLE ID	MW-1 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bromoform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/05/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Lead	EPA-6020	**4.8**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**90.8**	12/03/2022	DLC
TFT	EPA-8021	**91.6**	12/03/2022	DLC
C25	NWTPH-DX	**72.2**	12/05/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**93.6**	12/05/2022	DLC
4-Bromofluorobenzene	EPA-8260	**104**	12/05/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**79.3**	12/05/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 9:45:00 AM
CLIENT SAMPLE ID	MW-1 19ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/05/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/04/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/04/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 9:45:00 AM
CLIENT SAMPLE ID	MW-1 19ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/04/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Lead	EPA-6020	**4.5**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**88.8**	12/03/2022	DLC
TFT	EPA-8021	**91.4**	12/03/2022	DLC
C25	NWTPH-DX	**77.5**	12/05/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**85.5**	12/04/2022	DLC
4-Bromofluorobenzene	EPA-8260	**106**	12/04/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**76.9**	12/05/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 11:25:00 AM
CLIENT SAMPLE ID	MW-2 3.5-4ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/06/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/06/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/05/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/05/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 11:25:00 AM
CLIENT SAMPLE ID	MW-2 3.5-4ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/05/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Lead	EPA-6020	**4.3**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**111**	12/03/2022	DLC
TFT	EPA-8021	**114**	12/03/2022	DLC
C25	NWTPH-DX	**76.1**	12/06/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**98.0**	12/05/2022	DLC
4-Bromofluorobenzene	EPA-8260	**101**	12/05/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**82.2**	12/05/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 11:30:00 AM
CLIENT SAMPLE ID	MW-2 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/06/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/06/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/05/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/05/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 11:30:00 AM
CLIENT SAMPLE ID	MW-2 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/05/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Lead	EPA-6020	**4.8**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**99.0**	12/03/2022	DLC
TFT	EPA-8021	**101**	12/03/2022	DLC
C25	NWTPH-DX	**80.0**	12/06/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**94.5**	12/05/2022	DLC
4-Bromofluorobenzene	EPA-8260	**101**	12/05/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**84.1**	12/05/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 11:35:00 AM
CLIENT SAMPLE ID	MW-2 19ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/06/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/06/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/04/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/04/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 11:35:00 AM
CLIENT SAMPLE ID	MW-2 19ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/04/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/05/2022	GAP
Lead	EPA-6020	**4.6**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**89.6**	12/03/2022	DLC
TFT	EPA-8021	**92.1**	12/03/2022	DLC
C25	NWTPH-DX	**77.1**	12/06/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**86.6**	12/04/2022	DLC
4-Bromofluorobenzene	EPA-8260	**102**	12/04/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**89.1**	12/05/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 1:15:00 PM
CLIENT SAMPLE ID	MW-3 3.5-4ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/05/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/05/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/05/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 1:15:00 PM
CLIENT SAMPLE ID	MW-3 3.5-4ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/05/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Lead	EPA-6020	**4.8**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**92.4**	12/03/2022	DLC
TFT	EPA-8021	**92.6**	12/03/2022	DLC
C25	NWTPH-DX	**78.5**	12/05/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**91.9**	12/05/2022	DLC
4-Bromofluorobenzene	EPA-8260	**99.0**	12/05/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**70.4**	12/06/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 1:20:00 PM
CLIENT SAMPLE ID	MW-3 13-13.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/05/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/05/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/05/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 1:20:00 PM
CLIENT SAMPLE ID	MW-3 13-13.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/05/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Lead	EPA-6020	**4.5**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**136**	12/03/2022	DLC
TFT	EPA-8021	**139**	12/03/2022	DLC
C25	NWTPH-DX	**81.3**	12/05/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**98.0**	12/05/2022	DLC
4-Bromofluorobenzene	EPA-8260	**104**	12/05/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**85.0**	12/06/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 1:25:00 PM
CLIENT SAMPLE ID	MW-3 19ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/04/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/04/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/04/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/04/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/04/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/05/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/04/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/04/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 1:25:00 PM
CLIENT SAMPLE ID	MW-3 19ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/04/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Lead	EPA-6020	**4.4**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**93.8**	12/04/2022	DLC
TFT	EPA-8021	**94.8**	12/04/2022	DLC
C25	NWTPH-DX	**83.0**	12/05/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**94.2**	12/04/2022	DLC
4-Bromofluorobenzene	EPA-8260	**108**	12/04/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**82.9**	12/06/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 2:55:00 PM
CLIENT SAMPLE ID	MW-4 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/04/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/04/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/04/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/04/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/04/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/06/2022	DHM
TPH-Oil Range	NWTPH-DX	**60**	50	1	MG/KG	12/06/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/05/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/05/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 2:55:00 PM
CLIENT SAMPLE ID	MW-4 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/05/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/05/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Lead	EPA-6020	**4.9**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**101**	12/04/2022	DLC
TFT	EPA-8021	**97.3**	12/04/2022	DLC
C25	NWTPH-DX	**81.1**	12/06/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**98.9**	12/05/2022	DLC
4-Bromofluorobenzene	EPA-8260	**107**	12/05/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**81.9**	12/06/2022	GAP

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-10
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 3:00:00 PM
CLIENT SAMPLE ID	MW-4 13.5-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/04/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/04/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/04/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/04/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/04/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/06/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/06/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/04/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/04/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-10
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 3:00:00 PM
CLIENT SAMPLE ID	MW-4 13.5-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/04/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Lead	EPA-6020	**4.9**	0.10	1	MG/KG	12/05/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**96.1**	12/04/2022	DLC
TFT	EPA-8021	**99.4**	12/04/2022	DLC
C25	NWTPH-DX	**86.8**	12/06/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**91.4**	12/04/2022	DLC
4-Bromofluorobenzene	EPA-8260	**106**	12/04/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**75.2**	12/06/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-11
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 3:10:00 PM
CLIENT SAMPLE ID	MW-4 19ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/03/2022	DLC
Benzene	EPA-8021	U	0.030	1	MG/KG	12/03/2022	DLC
Toluene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/03/2022	DLC
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/03/2022	DLC
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/06/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/06/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	12/04/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	12/04/2022	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/6/2022 EV22120018 EV22120018-11
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/02/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/1/2022 3:10:00 PM
CLIENT SAMPLE ID	MW-4 19ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	12/04/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	12/04/2022	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/06/2022	GAP
Lead	EPA-6020	**6.2**	0.10	1	MG/KG	12/02/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**68.1**	12/03/2022	DLC
TFT	EPA-8021	**68.2**	12/03/2022	DLC
C25	NWTPH-DX	**79.3**	12/06/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**86.3**	12/04/2022	DLC
4-Bromofluorobenzene	EPA-8260	**110**	12/04/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**80.8**	12/06/2022	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 12/6/2022
ALS SDG#: EV22120018
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MBG-120222S2 - Batch 186904 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	12/03/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MBG-120322S - Batch 186989 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	12/03/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120222S2 - Batch 186904 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	12/03/2022	DLC
Toluene	EPA-8021	U	MG/KG	0.050	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	MG/KG	0.050	12/03/2022	DLC
Xylenes	EPA-8021	U	MG/KG	0.20	12/03/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120322S - Batch 186989 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	12/03/2022	DLC
Toluene	EPA-8021	U	MG/KG	0.050	12/03/2022	DLC
Ethylbenzene	EPA-8021	U	MG/KG	0.050	12/03/2022	DLC
Xylenes	EPA-8021	U	MG/KG	0.20	12/03/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120522S - Batch 187014 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	12/05/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	12/05/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120622S - Batch 187018 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	12/06/2022	DHM

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS SDG#:	EV22120018
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-120622S - Batch 187018 - Soil by NWTPH-DX

TPH-Oil Range	NWTPH-DX	U	MG/KG	50	12/06/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120322S2 - Batch 187026 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Chloromethane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Bromomethane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Chloroethane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Methylene Chloride	EPA-8260	U	UG/KG	20	12/04/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	12/04/2022	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Chloroform	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,1-Dichloropropene	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Trichloroethene	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Dibromochloromethane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	12/04/2022	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Bromoform	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	12/04/2022	DLC

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CERTIFICATE OF ANALYSIS

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		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-120322S2 - Batch 187026 - Soil by EPA-8260

2-Chlorotoluene	EPA-8260	U	UG/KG	10	12/04/2022	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	12/04/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	12/04/2022	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	12/04/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	12/04/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120522S - Batch 187023 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Chloromethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Bromomethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Chloroethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Methylene Chloride	EPA-8260	U	UG/KG	20	12/05/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Chloroform	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,1-Dichloropropene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Trichloroethene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	12/05/2022	DLC

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CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-120522S - Batch 187023 - Soil by EPA-8260

Dibromochloromethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	12/05/2022	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Bromoform	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
2-Chlorotoluene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	12/05/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	12/05/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	12/05/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120522S - Batch 187032 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
Chrysene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	12/05/2022	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120622S - Batch 187033 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	12/06/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	12/06/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	12/06/2022	GAP

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		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-120622S - Batch 187033 - Soil by EPA-8270 SIM

Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	12/06/2022	GAP
Chrysene	EPA-8270 SIM	U	UG/KG	20	12/06/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	12/06/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	12/06/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	12/06/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	12/06/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	12/06/2022	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120222S - Batch 186895 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	12/02/2022	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-120522S - Batch 186958 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	12/05/2022	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

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228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 12/6/2022
ALS SDG#: EV22120018
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 186904 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**93.6**			66.5	122.7	12/03/2022	DLC
TPH-Volatile Range - BSD	NWTPH-GX	**91.0**	**3**		66.5	122.7	12/03/2022	DLC

ALS Test Batch ID: 186989 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**99.2**			66.5	122.7	12/03/2022	DLC
TPH-Volatile Range - BSD	NWTPH-GX	**99.5**	**0**		66.5	122.7	12/03/2022	DLC

ALS Test Batch ID: 186904 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**96.7**			67.7	124	12/03/2022	DLC
Benzene - BSD	EPA-8021	**97.5**	**1**		67.7	124	12/03/2022	DLC
Toluene - BS	EPA-8021	**98.5**			71	123	12/03/2022	DLC
Toluene - BSD	EPA-8021	**98.9**	**0**		71	123	12/03/2022	DLC
Ethylbenzene - BS	EPA-8021	**97.5**			69.8	117	12/03/2022	DLC
Ethylbenzene - BSD	EPA-8021	**97.8**	**0**		69.8	117	12/03/2022	DLC
Xylenes - BS	EPA-8021	**98.8**			70	119	12/03/2022	DLC
Xylenes - BSD	EPA-8021	**99.2**	**0**		70	119	12/03/2022	DLC

ALS Test Batch ID: 186989 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**99.2**			67.7	124	12/03/2022	DLC
Benzene - BSD	EPA-8021	**99.4**	**0**		67.7	124	12/03/2022	DLC
Toluene - BS	EPA-8021	**103**			71	123	12/03/2022	DLC
Toluene - BSD	EPA-8021	**103**	**0**		71	123	12/03/2022	DLC
Ethylbenzene - BS	EPA-8021	**105**			69.8	117	12/03/2022	DLC
Ethylbenzene - BSD	EPA-8021	**105**	**0**		69.8	117	12/03/2022	DLC
Xylenes - BS	EPA-8021	**106**			70	119	12/03/2022	DLC
Xylenes - BSD	EPA-8021	**106**	**0**		70	119	12/03/2022	DLC

ALS Test Batch ID: 187014 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**99.8**			75.5	122.1	12/05/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**99.3**	**1**		75.5	122.1	12/05/2022	DHM

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		ALS SDG#:	EV22120018
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 187018 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**108**			75.5	122.1	12/06/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**110**	**2**		75.5	122.1	12/06/2022	DHM

ALS Test Batch ID: 187023 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**104**			50	150	12/05/2022	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**100**	**4**		50	150	12/05/2022	DLC
Chloromethane - BS	EPA-8260	**117**			50	150	12/05/2022	DLC
Chloromethane - BSD	EPA-8260	**112**	**4**		50	150	12/05/2022	DLC
Vinyl Chloride - BS	EPA-8260	**105**			50	150	12/05/2022	DLC
Vinyl Chloride - BSD	EPA-8260	**102**	**4**		50	150	12/05/2022	DLC
Bromomethane - BS	EPA-8260	**110**			50	150	12/05/2022	DLC
Bromomethane - BSD	EPA-8260	**108**	**2**		50	150	12/05/2022	DLC
Chloroethane - BS	EPA-8260	**96.4**			50	150	12/05/2022	DLC
Chloroethane - BSD	EPA-8260	**93.6**	**3**		50	150	12/05/2022	DLC
Carbon Tetrachloride - BS	EPA-8260	**95.3**			50	150	12/05/2022	DLC
Carbon Tetrachloride - BSD	EPA-8260	**96.3**	**1**		50	150	12/05/2022	DLC
Trichlorofluoromethane - BS	EPA-8260	**96.3**			50	150	12/05/2022	DLC
Trichlorofluoromethane - BSD	EPA-8260	**95.3**	**1**		50	150	12/05/2022	DLC
1,1-Dichloroethene - BS	EPA-8260	**97.2**			70	130	12/05/2022	DLC
1,1-Dichloroethene - BSD	EPA-8260	**94.7**	**3**		70	130	12/05/2022	DLC
Methylene Chloride - BS	EPA-8260	**94.5**			50	150	12/05/2022	DLC
Methylene Chloride - BSD	EPA-8260	**98.7**	**4**		50	150	12/05/2022	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**94.7**			50	150	12/05/2022	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**93.8**	**1**		50	150	12/05/2022	DLC
1,1-Dichloroethane - BS	EPA-8260	**98.6**			50	150	12/05/2022	DLC
1,1-Dichloroethane - BSD	EPA-8260	**93.6**	**5**		50	150	12/05/2022	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**95.8**			50	150	12/05/2022	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**98.6**	**3**		50	150	12/05/2022	DLC
2,2-Dichloropropane - BS	EPA-8260	**89.1**			50	150	12/05/2022	DLC
2,2-Dichloropropane - BSD	EPA-8260	**88.6**	**1**		50	150	12/05/2022	DLC
Bromochloromethane - BS	EPA-8260	**96.8**			50	150	12/05/2022	DLC
Bromochloromethane - BSD	EPA-8260	**95.6**	**1**		50	150	12/05/2022	DLC
Chloroform - BS	EPA-8260	**91.1**			50	150	12/05/2022	DLC
Chloroform - BSD	EPA-8260	**96.1**	**5**		50	150	12/05/2022	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**89.8**			50	150	12/05/2022	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**91.3**	**2**		50	150	12/05/2022	DLC
1,1-Dichloropropene - BS	EPA-8260	**86.7**			50	150	12/05/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 12/6/2022
ALS SDG#: EV22120018
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloropropene - BSD	EPA-8260	**88.3**	**2**		50	150	12/05/2022	DLC
1,2-Dichloroethane - BS	EPA-8260	**96.7**			50	150	12/05/2022	DLC
1,2-Dichloroethane - BSD	EPA-8260	**98.0**	**1**		50	150	12/05/2022	DLC
Trichloroethene - BS	EPA-8260	**97.2**			75	136	12/05/2022	DLC
Trichloroethene - BSD	EPA-8260	**95.8**	**1**		75	136	12/05/2022	DLC
1,2-Dichloropropane - BS	EPA-8260	**100**			50	150	12/05/2022	DLC
1,2-Dichloropropane - BSD	EPA-8260	**98.1**	**2**		50	150	12/05/2022	DLC
Dibromomethane - BS	EPA-8260	**99.2**			50	150	12/05/2022	DLC
Dibromomethane - BSD	EPA-8260	**96.8**	**2**		50	150	12/05/2022	DLC
Bromodichloromethane - BS	EPA-8260	**102**			50	150	12/05/2022	DLC
Bromodichloromethane - BSD	EPA-8260	**103**	**1**		50	150	12/05/2022	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**94.0**			50	150	12/05/2022	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**93.3**	**1**		50	150	12/05/2022	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**103**			50	150	12/05/2022	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**102**	**0**		50	150	12/05/2022	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**97.5**			50	150	12/05/2022	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**97.9**	**0**		50	150	12/05/2022	DLC
1,3-Dichloropropane - BS	EPA-8260	**98.6**			50	150	12/05/2022	DLC
1,3-Dichloropropane - BSD	EPA-8260	**99.3**	**1**		50	150	12/05/2022	DLC
Tetrachloroethylene - BS	EPA-8260	**95.7**			50	150	12/05/2022	DLC
Tetrachloroethylene - BSD	EPA-8260	**93.4**	**2**		50	150	12/05/2022	DLC
Dibromochloromethane - BS	EPA-8260	**89.7**			50	150	12/05/2022	DLC
Dibromochloromethane - BSD	EPA-8260	**90.5**	**1**		50	150	12/05/2022	DLC
1,2-Dibromoethane - BS	EPA-8260	**102**			50	150	12/05/2022	DLC
1,2-Dibromoethane - BSD	EPA-8260	**102**	**0**		50	150	12/05/2022	DLC
Chlorobenzene - BS	EPA-8260	**96.9**			79	128	12/05/2022	DLC
Chlorobenzene - BSD	EPA-8260	**97.9**	**1**		79	128	12/05/2022	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**96.9**			50	150	12/05/2022	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**100**	**3**		50	150	12/05/2022	DLC
Bromoform - BS	EPA-8260	**98.0**			50	150	12/05/2022	DLC
Bromoform - BSD	EPA-8260	**96.7**	**1**		50	150	12/05/2022	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**100**			50	150	12/05/2022	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**96.8**	**3**		50	150	12/05/2022	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**101**			50	150	12/05/2022	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**98.7**	**2**		50	150	12/05/2022	DLC
Bromobenzene - BS	EPA-8260	**99.0**			50	150	12/05/2022	DLC
Bromobenzene - BSD	EPA-8260	**106**	**6**		50	150	12/05/2022	DLC
2-Chlorotoluene - BS	EPA-8260	**99.6**			50	150	12/05/2022	DLC
2-Chlorotoluene - BSD	EPA-8260	**99.0**	**1**		50	150	12/05/2022	DLC
4-Chlorotoluene - BS	EPA-8260	**97.2**			50	150	12/05/2022	DLC

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WDOE ACCREDITATION: C601

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
4-Chlorotoluene - BSD	EPA-8260	**94.0**	**3**		50	150	12/05/2022	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**96.4**			50	150	12/05/2022	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**94.2**	**2**		50	150	12/05/2022	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**93.4**			50	150	12/05/2022	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**93.6**	**0**		50	150	12/05/2022	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**96.3**			50	150	12/05/2022	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**96.7**	**0**		50	150	12/05/2022	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**102**			50	150	12/05/2022	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**98.3**	**3**		50	150	12/05/2022	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**99.2**			50	150	12/05/2022	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**93.9**	**6**		50	150	12/05/2022	DLC
Hexachlorobutadiene - BS	EPA-8260	**97.7**			50	150	12/05/2022	DLC
Hexachlorobutadiene - BSD	EPA-8260	**93.9**	**4**		50	150	12/05/2022	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**88.1**			50	150	12/05/2022	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**87.8**	**0**		50	150	12/05/2022	DLC

ALS Test Batch ID: 187026 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**99.6**			50	150	12/04/2022	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**97.3**	**2**		50	150	12/04/2022	DLC
Chloromethane - BS	EPA-8260	**107**			50	150	12/04/2022	DLC
Chloromethane - BSD	EPA-8260	**102**	**5**		50	150	12/04/2022	DLC
Vinyl Chloride - BS	EPA-8260	**98.5**			50	150	12/04/2022	DLC
Vinyl Chloride - BSD	EPA-8260	**94.6**	**4**		50	150	12/04/2022	DLC
Bromomethane - BS	EPA-8260	**96.9**			50	150	12/04/2022	DLC
Bromomethane - BSD	EPA-8260	**94.7**	**2**		50	150	12/04/2022	DLC
Chloroethane - BS	EPA-8260	**97.3**			50	150	12/04/2022	DLC
Chloroethane - BSD	EPA-8260	**93.9**	**3**		50	150	12/04/2022	DLC
Carbon Tetrachloride - BS	EPA-8260	**72.8**			50	150	12/04/2022	DLC
Carbon Tetrachloride - BSD	EPA-8260	**71.6**	**2**		50	150	12/04/2022	DLC
Trichlorofluoromethane - BS	EPA-8260	**91.4**			50	150	12/04/2022	DLC
Trichlorofluoromethane - BSD	EPA-8260	**88.3**	**3**		50	150	12/04/2022	DLC
1,1-Dichloroethene - BS	EPA-8260	**95.3**			70	130	12/04/2022	DLC
1,1-Dichloroethene - BSD	EPA-8260	**91.8**	**4**		70	130	12/04/2022	DLC
Methylene Chloride - BS	EPA-8260	**68.1**			50	150	12/04/2022	DLC
Methylene Chloride - BSD	EPA-8260	**64.7**	**5**		50	150	12/04/2022	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**89.5**			50	150	12/04/2022	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**86.5**	**3**		50	150	12/04/2022	DLC
1,1-Dichloroethane - BS	EPA-8260	**94.4**			50	150	12/04/2022	DLC

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CLIENT PROJECT: Sunset Commons

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WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethane - BSD	EPA-8260	**91.3**	**3**		50	150	12/04/2022	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**87.6**			50	150	12/04/2022	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**84.5**	**4**		50	150	12/04/2022	DLC
2,2-Dichloropropane - BS	EPA-8260	**84.5**			50	150	12/04/2022	DLC
2,2-Dichloropropane - BSD	EPA-8260	**82.6**	**2**		50	150	12/04/2022	DLC
Bromochloromethane - BS	EPA-8260	**98.1**			50	150	12/04/2022	DLC
Bromochloromethane - BSD	EPA-8260	**95.1**	**3**		50	150	12/04/2022	DLC
Chloroform - BS	EPA-8260	**85.7**			50	150	12/04/2022	DLC
Chloroform - BSD	EPA-8260	**82.5**	**4**		50	150	12/04/2022	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**82.9**			50	150	12/04/2022	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**78.9**	**5**		50	150	12/04/2022	DLC
1,1-Dichloropropene - BS	EPA-8260	**77.9**			50	150	12/04/2022	DLC
1,1-Dichloropropene - BSD	EPA-8260	**73.9**	**5**		50	150	12/04/2022	DLC
1,2-Dichloroethane - BS	EPA-8260	**101**			50	150	12/04/2022	DLC
1,2-Dichloroethane - BSD	EPA-8260	**97.5**	**4**		50	150	12/04/2022	DLC
Trichloroethene - BS	EPA-8260	**105**			75	136	12/04/2022	DLC
Trichloroethene - BSD	EPA-8260	**103**	**1**		75	136	12/04/2022	DLC
1,2-Dichloropropane - BS	EPA-8260	**105**			50	150	12/04/2022	DLC
1,2-Dichloropropane - BSD	EPA-8260	**104**	**0**		50	150	12/04/2022	DLC
Dibromomethane - BS	EPA-8260	**102**			50	150	12/04/2022	DLC
Dibromomethane - BSD	EPA-8260	**102**	**1**		50	150	12/04/2022	DLC
Bromodichloromethane - BS	EPA-8260	**106**			50	150	12/04/2022	DLC
Bromodichloromethane - BSD	EPA-8260	**104**	**1**		50	150	12/04/2022	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**90.3**			50	150	12/04/2022	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**88.5**	**2**		50	150	12/04/2022	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**102**			50	150	12/04/2022	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**102**	**0**		50	150	12/04/2022	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**101**			50	150	12/04/2022	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**103**	**1**		50	150	12/04/2022	DLC
1,3-Dichloropropane - BS	EPA-8260	**99.1**			50	150	12/04/2022	DLC
1,3-Dichloropropane - BSD	EPA-8260	**100**	**1**		50	150	12/04/2022	DLC
Tetrachloroethylene - BS	EPA-8260	**82.3**			50	150	12/04/2022	DLC
Tetrachloroethylene - BSD	EPA-8260	**87.7**	**6**		50	150	12/04/2022	DLC
Dibromochloromethane - BS	EPA-8260	**87.9**			50	150	12/04/2022	DLC
Dibromochloromethane - BSD	EPA-8260	**88.5**	**1**		50	150	12/04/2022	DLC
1,2-Dibromoethane - BS	EPA-8260	**105**			50	150	12/04/2022	DLC
1,2-Dibromoethane - BSD	EPA-8260	**104**	**0**		50	150	12/04/2022	DLC
Chlorobenzene - BS	EPA-8260	**94.2**			79	128	12/04/2022	DLC
Chlorobenzene - BSD	EPA-8260	**94.3**	**0**		79	128	12/04/2022	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**91.6**			50	150	12/04/2022	DLC

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LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**92.6**	**1**		50	150	12/04/2022	DLC
Bromoform - BS	EPA-8260	**85.1**			50	150	12/04/2022	DLC
Bromoform - BSD	EPA-8260	**84.1**	**1**		50	150	12/04/2022	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**107**			50	150	12/04/2022	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**107**	**0**		50	150	12/04/2022	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**85.3**			50	150	12/04/2022	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**85.8**	**1**		50	150	12/04/2022	DLC
Bromobenzene - BS	EPA-8260	**90.5**			50	150	12/04/2022	DLC
Bromobenzene - BSD	EPA-8260	**90.0**	**1**		50	150	12/04/2022	DLC
2-Chlorotoluene - BS	EPA-8260	**89.6**			50	150	12/04/2022	DLC
2-Chlorotoluene - BSD	EPA-8260	**91.2**	**2**		50	150	12/04/2022	DLC
4-Chlorotoluene - BS	EPA-8260	**93.1**			50	150	12/04/2022	DLC
4-Chlorotoluene - BSD	EPA-8260	**93.9**	**1**		50	150	12/04/2022	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**95.3**			50	150	12/04/2022	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**95.0**	**0**		50	150	12/04/2022	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**94.3**			50	150	12/04/2022	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**96.0**	**2**		50	150	12/04/2022	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**94.6**			50	150	12/04/2022	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**97.2**	**3**		50	150	12/04/2022	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**93.2**			50	150	12/04/2022	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**93.3**	**0**		50	150	12/04/2022	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**90.9**			50	150	12/04/2022	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**89.9**	**1**		50	150	12/04/2022	DLC
Hexachlorobutadiene - BS	EPA-8260	**91.4**			50	150	12/04/2022	DLC
Hexachlorobutadiene - BSD	EPA-8260	**91.3**	**0**		50	150	12/04/2022	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**89.4**			50	150	12/04/2022	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**86.3**	**4**		50	150	12/04/2022	DLC

ALS Test Batch ID: 187032 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**87.7**			20	150	12/05/2022	GAP
Naphthalene - BSD	EPA-8270 SIM	**87.6**	**0**		20	150	12/05/2022	GAP
2-Methylnaphthalene - BS	EPA-8270 SIM	**88.0**			20	150	12/05/2022	GAP
2-Methylnaphthalene - BSD	EPA-8270 SIM	**89.1**	**1**		20	150	12/05/2022	GAP
1-Methylnaphthalene - BS	EPA-8270 SIM	**88.7**			20	150	12/05/2022	GAP
1-Methylnaphthalene - BSD	EPA-8270 SIM	**89.4**	**1**		20	150	12/05/2022	GAP
Benzo[A]Anthracene - BS	EPA-8270 SIM	**99.2**			20	150	12/05/2022	GAP
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**102**	**2**		20	150	12/05/2022	GAP
Chrysene - BS	EPA-8270 SIM	**97.1**			20	150	12/05/2022	GAP

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LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Chrysene - BSD	EPA-8270 SIM	**98.0**	**1**		20	150	12/05/2022	GAP
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**100**			20	150	12/05/2022	GAP
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**101**	**1**		20	150	12/05/2022	GAP
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**104**			20	150	12/05/2022	GAP
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**102**	**2**		20	150	12/05/2022	GAP
Benzo[A]Pyrene - BS	EPA-8270 SIM	**104**			20	150	12/05/2022	GAP
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**106**	**2**		20	150	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**107**			20	150	12/05/2022	GAP
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**108**	**1**		20	150	12/05/2022	GAP
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**104**			20	150	12/05/2022	GAP
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**105**	**1**		20	150	12/05/2022	GAP

ALS Test Batch ID: 187033 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**83.1**			20	150	12/06/2022	GAP
Naphthalene - BSD	EPA-8270 SIM	**79.3**	**5**		20	150	12/06/2022	GAP
2-Methylnaphthalene - BS	EPA-8270 SIM	**84.8**			20	150	12/06/2022	GAP
2-Methylnaphthalene - BSD	EPA-8270 SIM	**80.4**	**5**		20	150	12/06/2022	GAP
1-Methylnaphthalene - BS	EPA-8270 SIM	**83.2**			20	150	12/06/2022	GAP
1-Methylnaphthalene - BSD	EPA-8270 SIM	**79.5**	**5**		20	150	12/06/2022	GAP
Benzo[A]Anthracene - BS	EPA-8270 SIM	**96.2**			20	150	12/06/2022	GAP
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**90.7**	**6**		20	150	12/06/2022	GAP
Chrysene - BS	EPA-8270 SIM	**92.9**			20	150	12/06/2022	GAP
Chrysene - BSD	EPA-8270 SIM	**86.9**	**7**		20	150	12/06/2022	GAP
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**94.1**			20	150	12/06/2022	GAP
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**87.4**	**7**		20	150	12/06/2022	GAP
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**94.6**			20	150	12/06/2022	GAP
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**89.0**	**6**		20	150	12/06/2022	GAP
Benzo[A]Pyrene - BS	EPA-8270 SIM	**101**			20	150	12/06/2022	GAP
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**96.2**	**5**		20	150	12/06/2022	GAP
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**107**			20	150	12/06/2022	GAP
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**103**	**4**		20	150	12/06/2022	GAP
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**105**			20	150	12/06/2022	GAP
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**102**	**4**		20	150	12/06/2022	GAP

ALS Test Batch ID: 186895 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**96.9**			80	120	12/02/2022	EBS

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/6/2022
		ALS SDG#:	EV22120018
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BSD	EPA-6020	**98.4**	**2**		80	120	12/02/2022	EBS

ALS Test Batch ID: 186958 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**96.5**			80	120	12/05/2022	RAL
Lead - BSD	EPA-6020	**98.1**	**2**		80	120	12/05/2022	RAL

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Laboratory Director

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Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

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Work Order No.: Ev2212001 8

Project Manager:	Thom-Aimee			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Matt Roberts						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)		Halogenated Volatiles (8260)										
MW-1 12.5-13ft	Soil	12/1/22	9:35	1	4	x	x	x	x	x	x		x										
MW-1 19ft	Soil	12/1/22	9:45	2	4	x	x	x	x	x	x		x										
MW-2 3.5-4ft	Soil	12/1/22	11:25	3	4	x	x	x	x	x	x		x										
MW-2 12.5-13ft	Soil	12/1/22	11:30	4	4	x	x	x	x	x	x		x										
MW-2 19ft	Soil	12/1/22	11:35	5	4	x	x	x	x	x	x		x										
MW-3 3.5-4ft	Soil	12/1/22	13:15	6	4	x	x	x	x	x	x		x										
MW-3 13-13.5ft	Soil	12/1/22	13:20	7	4	x	x	x	x	x	x		x										
MW-3 19ft	Soil	12/1/22	13:25	8	4	x	x	x	x	x	x		x										
MW-4 2.5ft	Soil	12/1/22	14:55	9	4	x	x	x	x	x	x		x										
MW-4 13.5-14ft	Soil	12/1/22	15:00	10	4	x	x	x	x	x	x		x										
MW-4 19ft	Soil	12/1/22	15:10	11	4	x	x	x	x	x	x		x										

TAT

- ☐ Routine 10 Day
- ■ 24 hours * 100%
- ☐ 48 hours* 80%
- ☐ 3 Day* 60%
- ☐ 5 day* 50%

* Please call for availability

Due Date:

Comments

all samples collected via method 5035A

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Harold Cashman		12/2/22 12:30	Ethan Penny	Ethan Penny	12/2/22 1:45PM

Revised : 12/2/2022

December 22, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On December 15th, 1 sample was received by our laboratory and assigned our laboratory project number EV22120099. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Glen Perry
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/22/2022
		ALS JOB#:	EV22120099
		ALS SAMPLE#:	EV22120099-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/15/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/30/2022 11:05:00 AM
CLIENT SAMPLE ID	B-27 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Vinyl Chloride (ZHE)	EPA-8260/1311	U, H	0.0050	1	MG/L	12/16/2022	DHM
Carbon Tetrachloride (ZHE)	EPA-8260/1311	U, H	0.0050	1	MG/L	12/16/2022	DHM
1,1-Dichloroethene (ZHE)	EPA-8260/1311	U, H	0.0050	1	MG/L	12/16/2022	DHM
2-Butanone (ZHE)	EPA-8260/1311	U, H	0.0050	1	MG/L	12/16/2022	DHM
Chloroform (ZHE)	EPA-8260/1311	U, H	0.0050	1	MG/L	12/16/2022	DHM
1,2-Dichloroethane (ZHE)	EPA-8260/1311	U, H	0.0050	1	MG/L	12/16/2022	DHM
Benzene (ZHE)	EPA-8260/1311	U, H	0.0050	1	MG/L	12/16/2022	DHM
Trichloroethene (ZHE)	EPA-8260/1311	U, H	0.0050	1	MG/L	12/16/2022	DHM
Tetrachloroethylene (ZHE)	EPA-8260/1311	U, H	0.0050	1	MG/L	12/16/2022	DHM
Chlorobenzene (ZHE)	EPA-8260/1311	U, H	0.0050	1	MG/L	12/16/2022	DHM
1,4-Dichlorobenzene (ZHE)	EPA-8260/1311	U, H	0.0050	1	MG/L	12/16/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260/1311	**94.0**	12/16/2022	DHM
Toluene-d8	EPA-8260/1311	**102**	12/16/2022	DHM
4-Bromofluorobenzene	EPA-8260/1311	**102**	12/16/2022	DHM

H - Sample analyzed outside of hold time.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/22/2022
		ALS SDG#:	EV22120099
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBLK-R424599 - Batch R424599 - TCLP Extract by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Vinyl Chloride (ZHE)	EPA-8260/1311	U	MG/L	0.0050	12/16/2022	DHM
Carbon Tetrachloride (ZHE)	EPA-8260/1311	U	MG/L	0.0050	12/16/2022	DHM
1,1-Dichloroethene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	12/16/2022	DHM
2-Butanone (ZHE)	EPA-8260/1311	U	MG/L	0.0050	12/16/2022	DHM
Chloroform (ZHE)	EPA-8260/1311	U	MG/L	0.0050	12/16/2022	DHM
1,2-Dichloroethane (ZHE)	EPA-8260/1311	U	MG/L	0.0050	12/16/2022	DHM
Benzene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	12/16/2022	DHM
Trichloroethene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	12/16/2022	DHM
Tetrachloroethylene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	12/16/2022	DHM
Chlorobenzene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	12/16/2022	DHM
1,4-Dichlorobenzene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	12/16/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

APPROVED BY

Laboratory Director

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EV2212009 9

Chain of Custody

Originally EV2212001 2-06

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Work Order No.:

Project Manager:	Thom-Aimee			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)		Halogenated Volatiles (8260)			TCLP VOA							
B-26 7.5ft	Soil	11/30/22	930		4	x	x	x	x	x	x		x										
B-26 13ft	Soil	11/30/22	950		4	x	x	x	x	x	x		x										
B-26 20ft	Soil	11/30/22	1000		4	x	x	x	x	x	x		x										
B-27 7.5-8ft	Soil	11/30/22	1050		4	x	x	x	x	x	x		x										
B-27 8.5-9ft	Soil	11/30/22	1100		4	x	x	x	x	x	x		x										
B-27 12.5-13ft	Soil	11/30/22	1105	-01	4	x	x	x	x	x	x		x			X							
B-27 20ft	Soil	11/30/22	1115		4	x	x	x	x	x	x		x										
B-28 7.5-8ft	Soil	11/30/22	1200		4	x	x	x	x	x	x		x										
B-28 12.5-13ft	Soil	11/30/22	1205		4	x	x	x	x	x	x		x										
B-28 19.5-20ft	Soil	11/30/22	1215		4	x	x	x	x	x	x		x										
B-29 7.5-8ft	Soil	11/30/22	1335		4	x	x	x	x	x	x		x										
B-29 12.5-13ft	Soil	11/30/22	1345		4	x	x	x	x	x	x		x										
B-29 19.5-20ft	Soil	11/30/22	1350		4	x	x	x	x	x	x		x										
B-30 7.5-8ft	Soil	11/30/22	1430		4	x	x	x	x	x	x		x										
B-30 12.5-13ft	Soil	11/30/22	1440		4	x	x	x	x	x	x		x										
B-30 19.5-20ft	Soil	11/30/22	1450		4	x	x	x	x	x	x		x										

TAT

- [x] Routine 10 Day
- [ ] 24-hours * 100%
- [ ] 48 hours* 80%
- [ ] 3 Day* 60%
- [ ] 5 day* 50%

* Please call for availability

Due Date:

Comments

all samples collected via method 5035A

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Thom Davis		12/15/2022			

Revised coc date from Thom

Revised: 12/15/2022

March 13, 2023

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On March 6th, 3 samples were received by our laboratory and assigned our laboratory project number EV23030039. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Rob Greer
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 11:50:00 AM
CLIENT SAMPLE ID	B-27 West 11-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloroethene	EPA-8260	**31**	10	1	UG/KG	03/07/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	03/07/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloroethane	EPA-8260	**11**	10	1	UG/KG	03/07/2023	DLC
2-Butanone	EPA-8260	U	50	1	UG/KG	03/07/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	**39**	10	1	UG/KG	03/07/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,1-Trichloroethane	EPA-8260	**16**	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trichloroethene	EPA-8260	**4100**	1800	100	UG/KG	03/08/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	03/07/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 11:50:00 AM
CLIENT SAMPLE ID	B-27 West 11-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	03/07/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Pyridine	EPA-8270	U	200	1	UG/KG	03/07/2023	DBA
N-Nitrosodimethylamine	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Phenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Aniline	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroethyl)Ether	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
2-Chlorophenol	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
1,3-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
1,4-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzyl Alcohol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
1,2-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
3&4-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
N-Nitroso-Di-N-Propylamine	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachloroethane	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Nitrobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Isophorone	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Nitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4-Dimethylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzoic Acid	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroethoxy)Methane	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
2,4-Dichlorophenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
1,2,4-Trichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Naphthalene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Chloroaniline	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
2,6-Dichlorophenol	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachlorobutadiene	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
4-Chloro-3-Methylphenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
2-Methylnaphthalene	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
1-Methylnaphthalene	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachlorocyclopentadiene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4,6-Trichlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 11:50:00 AM
CLIENT SAMPLE ID	B-27 West 11-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
2,4,5-Trichlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Chloronaphthalene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Nitroaniline	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Acenaphthylene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Dimethylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,6-Dinitrotoluene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Acenaphthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
3-Nitroaniline	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
2,4-Dinitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Nitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Dibenzofuran	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4-Dinitrotoluene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,3,4,6-Tetrachlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Diethylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Fluorene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Chlorophenyl-Phenylether	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Nitroaniline	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
4,6-Dinitro-2-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
N-Nitrosodiphenylamine	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Azobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Bromophenyl-Phenylether	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Hexachlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Pentachlorophenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
Phenanthrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Carbazole	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Di-N-Butylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Butylbenzylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
3,3-Dichlorobenzidine	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Benzo[A]Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Chrysene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Di-N-Octylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[B]Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[K]Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[A]Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/13/2023 EV23030039 EV23030039-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 11:50:00 AM
CLIENT SAMPLE ID	B-27 West 11-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dibenz[A,H]Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[G,H,I]Perylene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
PCB-1016	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1221	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1232	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1242	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1248	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1254	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1260	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1268	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
Mercury	EPA-7471	**0.042**	0.020	1	MG/KG	03/07/2023	RAL
Arsenic	EPA-6020	**6.4**	0.20	1	MG/KG	03/07/2023	EBS
Barium	EPA-6020	**110**	0.10	1	MG/KG	03/07/2023	EBS
Cadmium	EPA-6020	**0.21**	0.10	1	MG/KG	03/07/2023	EBS
Chromium	EPA-6020	**45**	0.10	1	MG/KG	03/07/2023	EBS
Lead	EPA-6020	**4.8**	0.10	1	MG/KG	03/07/2023	EBS
Selenium	EPA-6020	U	1.0	1	MG/KG	03/07/2023	EBS
Silver	EPA-6020	U	0.10	1	MG/KG	03/07/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**99.0**	03/07/2023	DLC
1,2-Dichloroethane-d4 100X Dilution	EPA-8260	**96.4**	03/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	**104**	03/07/2023	DLC
4-Bromofluorobenzene 100X Dilution	EPA-8260	**99.0**	03/08/2023	DLC
2-Fluorophenol	EPA-8270	**126 SUR09**	03/07/2023	DBA
Phenol-d5	EPA-8270	**104**	03/07/2023	DBA
Nitrobenzene-d5	EPA-8270	**93.9**	03/07/2023	DBA
2-Fluorobiphenyl	EPA-8270	**91.3**	03/07/2023	DBA
2,4,6-Tribromophenol	EPA-8270	**94.7**	03/07/2023	DBA
Terphenyl-d14	EPA-8270	**107**	03/07/2023	DBA
TCMX	EPA-8082	**90.5**	03/07/2023	DBA
DCB	EPA-8082	**84.1**	03/07/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
SUR09 -Surrogate recovery was above the upper control limit. No target analytes were detected in the sample. The high surrogate recovery did not impact the non-detect results for target analytes.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:10:00 PM
CLIENT SAMPLE ID	B-27 East 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloroethene	EPA-8260	**83**	31	1	UG/KG	03/08/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	03/07/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloroethane	EPA-8260	**27**	10	1	UG/KG	03/07/2023	DLC
2-Butanone	EPA-8260	U	50	1	UG/KG	03/07/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	**170**	19	1	UG/KG	03/08/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,1-Trichloroethane	EPA-8260	**19**	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trichloroethene	EPA-8260	**17000**	1700	100	UG/KG	03/08/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	03/07/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC

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		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:10:00 PM
CLIENT SAMPLE ID	B-27 East 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	03/07/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Pyridine	EPA-8270	U	200	1	UG/KG	03/07/2023	DBA
N-Nitrosodimethylamine	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Phenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Aniline	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroethyl)Ether	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
2-Chlorophenol	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
1,3-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
1,4-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzyl Alcohol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
1,2-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
3&4-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
N-Nitroso-Di-N-Propylamine	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachloroethane	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Nitrobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Isophorone	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Nitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4-Dimethylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzoic Acid	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroethoxy)Methane	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
2,4-Dichlorophenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
1,2,4-Trichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Naphthalene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Chloroaniline	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
2,6-Dichlorophenol	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachlorobutadiene	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
4-Chloro-3-Methylphenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
2-Methylnaphthalene	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
1-Methylnaphthalene	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachlorocyclopentadiene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4,6-Trichlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4,5-Trichlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA

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		ALS SAMPLE#:	EV23030039-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:10:00 PM
CLIENT SAMPLE ID	B-27 East 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
2-Chloronaphthalene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Nitroaniline	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Acenaphthylene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Dimethylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,6-Dinitrotoluene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Acenaphthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
3-Nitroaniline	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
2,4-Dinitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Nitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Dibenzofuran	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4-Dinitrotoluene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,3,4,6-Tetrachlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Diethylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Fluorene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Chlorophenyl-Phenylether	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Nitroaniline	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
4,6-Dinitro-2-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
N-Nitrosodiphenylamine	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Azobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Bromophenyl-Phenylether	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Hexachlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Pentachlorophenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
Phenanthrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Carbazole	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Di-N-Butylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Butylbenzylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
3,3-Dichlorobenzidine	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Benzo[A]Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Chrysene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Di-N-Octylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[B]Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[K]Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[A]Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:10:00 PM
CLIENT SAMPLE ID	B-27 East 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzo[G,H,I]Perylene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
PCB-1016	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1221	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1232	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1242	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1248	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1254	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1260	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1268	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
Mercury	EPA-7471	**0.040**	0.020	1	MG/KG	03/07/2023	RAL
Arsenic	EPA-6020	**6.6**	0.20	1	MG/KG	03/07/2023	EBS
Barium	EPA-6020	**110**	0.10	1	MG/KG	03/07/2023	EBS
Cadmium	EPA-6020	**0.20**	0.10	1	MG/KG	03/07/2023	EBS
Chromium	EPA-6020	**46**	0.10	1	MG/KG	03/07/2023	EBS
Lead	EPA-6020	**4.7**	0.10	1	MG/KG	03/07/2023	EBS
Selenium	EPA-6020	U	1.0	1	MG/KG	03/07/2023	EBS
Silver	EPA-6020	U	0.10	1	MG/KG	03/07/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**98.4**	03/07/2023	DLC
1,2-Dichloroethane-d4 100X Dilution	EPA-8260	**95.1**	03/08/2023	DLC
1,2-Dichloroethane-d4	EPA-8260	**97.8**	03/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	**105**	03/07/2023	DLC
4-Bromofluorobenzene 100X Dilution	EPA-8260	**99.1**	03/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	**97.6**	03/08/2023	DLC
2-Fluorophenol	EPA-8270	**88.6**	03/07/2023	DBA
Phenol-d5	EPA-8270	**68.3**	03/07/2023	DBA
Nitrobenzene-d5	EPA-8270	**79.2**	03/07/2023	DBA
2-Fluorobiphenyl	EPA-8270	**84.5**	03/07/2023	DBA
2,4,6-Tribromophenol	EPA-8270	**71.0**	03/07/2023	DBA
Terphenyl-d14	EPA-8270	**86.7**	03/07/2023	DBA
TCMX	EPA-8082	**86.4**	03/07/2023	DBA
DCB	EPA-8082	**82.4**	03/07/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:30:00 PM
CLIENT SAMPLE ID	B-27 North 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloroethene	EPA-8260	**93**	36	1	UG/KG	03/08/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	03/07/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloroethane	EPA-8260	**21**	10	1	UG/KG	03/07/2023	DLC
2-Butanone	EPA-8260	U	50	1	UG/KG	03/07/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	**150**	22	1	UG/KG	03/08/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,1-Trichloroethane	EPA-8260	**18**	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trichloroethene	EPA-8260	**20000**	200	10	UG/KG	03/08/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	03/07/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:30:00 PM
CLIENT SAMPLE ID	B-27 North 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	03/07/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,1-Trichloroethane (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
Vinyl Chloride (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
cis-1,2-Dichloroethene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
Carbon Tetrachloride (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
1,1-Dichloroethene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
2-Butanone (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
Chloroform (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
1,2-Dichloroethane (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
Benzene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
Trichloroethene (ZHE)	EPA-8260/1311	**0.016**	0.0050	1	MG/L	03/10/2023	DLC
Tetrachloroethylene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
Chlorobenzene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
Pyridine	EPA-8270	U	200	1	UG/KG	03/07/2023	DBA
N-Nitrosodimethylamine	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Phenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Aniline	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroethyl)Ether	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
2-Chlorophenol	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
1,3-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
1,4-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzyl Alcohol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
1,2-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
3&4-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
N-Nitroso-Di-N-Propylamine	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachloroethane	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Nitrobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Isophorone	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Nitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4-Dimethylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzoic Acid	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroethoxy)Methane	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:30:00 PM
CLIENT SAMPLE ID	B-27 North 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
2,4-Dichlorophenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
1,2,4-Trichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Naphthalene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Chloroaniline	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
2,6-Dichlorophenol	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachlorobutadiene	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
4-Chloro-3-Methylphenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
2-Methylnaphthalene	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
1-Methylnaphthalene	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachlorocyclopentadiene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4,6-Trichlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4,5-Trichlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Chloronaphthalene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Nitroaniline	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Acenaphthylene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Dimethylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,6-Dinitrotoluene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Acenaphthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
3-Nitroaniline	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
2,4-Dinitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Nitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Dibenzofuran	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4-Dinitrotoluene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,3,4,6-Tetrachlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Diethylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Fluorene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Chlorophenyl-Phenylether	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Nitroaniline	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
4,6-Dinitro-2-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
N-Nitrosodiphenylamine	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Azobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Bromophenyl-Phenylether	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Hexachlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Pentachlorophenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
Phenanthrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Carbazole	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Di-N-Butylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/13/2023 EV23030039 EV23030039-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:30:00 PM
CLIENT SAMPLE ID	B-27 North 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Butylbenzylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
3,3-Dichlorobenzidine	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Benzo[A]Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Chrysene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Di-N-Octylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[B]Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[K]Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[A]Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[G,H,I]Perylene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
PCB-1016	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1221	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1232	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1242	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1248	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1254	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1260	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1268	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
Mercury	EPA-7471	**0.043**	0.020	1	MG/KG	03/07/2023	RAL
Arsenic	EPA-6020	**5.6**	0.20	1	MG/KG	03/07/2023	EBS
Barium	EPA-6020	**110**	0.10	1	MG/KG	03/07/2023	EBS
Cadmium	EPA-6020	**0.20**	0.10	1	MG/KG	03/07/2023	EBS
Chromium	EPA-6020	**47**	0.10	1	MG/KG	03/07/2023	EBS
Lead	EPA-6020	**4.7**	0.10	1	MG/KG	03/07/2023	EBS
Selenium	EPA-6020	U	1.0	1	MG/KG	03/07/2023	EBS
Silver	EPA-6020	U	0.10	1	MG/KG	03/07/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**102**	03/07/2023	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	**95.2**	03/08/2023	DLC
1,2-Dichloroethane-d4	EPA-8260	**97.9**	03/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	**104**	03/07/2023	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	**98.7**	03/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	**97.2**	03/08/2023	DLC
1,2-Dichloroethane-d4	EPA-8260/1311	**102**	03/10/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/13/2023 EV23030039 EV23030039-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:30:00 PM
CLIENT SAMPLE ID	B-27 North 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Toluene-d8	EPA-8260/1311	**97.0**	03/10/2023	DLC
4-Bromofluorobenzene	EPA-8260/1311	**99.8**	03/10/2023	DLC
2-Fluorophenol	EPA-8270	**101**	03/07/2023	DBA
Phenol-d5	EPA-8270	**79.6**	03/07/2023	DBA
Nitrobenzene-d5	EPA-8270	**88.8**	03/07/2023	DBA
2-Fluorobiphenyl	EPA-8270	**93.8**	03/07/2023	DBA
2,4,6-Tribromophenol	EPA-8270	**75.4**	03/07/2023	DBA
Terphenyl-d14	EPA-8270	**95.7**	03/07/2023	DBA
TCMX	EPA-8082	**78.3**	03/07/2023	DBA
DCB	EPA-8082	**74.6**	03/07/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS SDG#:	EV23030039
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-030723S - Batch 190553 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Chloromethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Bromomethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Chloroethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Methylene Chloride	EPA-8260	U	UG/KG	20	03/07/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
2-Butanone	EPA-8260	U	UG/KG	50	03/07/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Chloroform	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,1-Dichloropropene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Dibromochloromethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	03/07/2023	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Bromoform	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
2-Chlorotoluene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	03/07/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

DATE: 3/13/2023
ALS SDG#: EV23030039
WDOE ACCREDITATION: C601

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

LABORATORY BLANK RESULTS

MB-030723S - Batch 190553 - Soil by EPA-8260

1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	03/07/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	03/07/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R429906 - Batch R429906 - TCLP Extract by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
1,1,1-Trichloroethane (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
Vinyl Chloride (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
cis-1,2-Dichloroethene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
Carbon Tetrachloride (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
1,1-Dichloroethene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
2-Butanone (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
Chloroform (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
1,2-Dichloroethane (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
Benzene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
Trichloroethene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
Tetrachloroethylene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
Chlorobenzene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-030723S - Batch 190523 - Soil by EPA-8270

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Pyridine	EPA-8270	U	UG/KG	200	03/07/2023	DBA
N-Nitrosodimethylamine	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Phenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Aniline	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Bis(2-Chloroethyl)Ether	EPA-8270	U	UG/KG	250	03/07/2023	DBA
2-Chlorophenol	EPA-8270	U	UG/KG	250	03/07/2023	DBA
1,3-Dichlorobenzene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
1,4-Dichlorobenzene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Benzyl Alcohol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
1,2-Dichlorobenzene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2-Methylphenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	UG/KG	250	03/07/2023	DBA
3&4-Methylphenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
N-Nitroso-Di-N-Propylamine	EPA-8270	U	UG/KG	250	03/07/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS SDG#:	EV23030039
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-030723S - Batch 190523 - Soil by EPA-8270

Hexachloroethane	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Nitrobenzene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Isophorone	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2-Nitrophenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2,4-Dimethylphenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Benzoic Acid	EPA-8270	U	UG/KG	1000	03/07/2023	DBA
Bis(2-Chloroethoxy)Methane	EPA-8270	U	UG/KG	250	03/07/2023	DBA
2,4-Dichlorophenol	EPA-8270	U	UG/KG	500	03/07/2023	DBA
1,2,4-Trichlorobenzene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Naphthalene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
4-Chloroaniline	EPA-8270	U	UG/KG	1000	03/07/2023	DBA
2,6-Dichlorophenol	EPA-8270	U	UG/KG	250	03/07/2023	DBA
Hexachlorobutadiene	EPA-8270	U	UG/KG	500	03/07/2023	DBA
4-Chloro-3-Methylphenol	EPA-8270	U	UG/KG	500	03/07/2023	DBA
2-Methylnaphthalene	EPA-8270	U	UG/KG	250	03/07/2023	DBA
1-Methylnaphthalene	EPA-8270	U	UG/KG	250	03/07/2023	DBA
Hexachlorocyclopentadiene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2,4,6-Trichlorophenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2,4,5-Trichlorophenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2-Chloronaphthalene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2-Nitroaniline	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Acenaphthylene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Dimethylphthalate	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2,6-Dinitrotoluene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Acenaphthene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
3-Nitroaniline	EPA-8270	U	UG/KG	1000	03/07/2023	DBA
2,4-Dinitrophenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
4-Nitrophenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Dibenzofuran	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2,4-Dinitrotoluene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2,3,4,6-Tetrachlorophenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Diethylphthalate	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Fluorene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
4-Chlorophenyl-Phenylether	EPA-8270	U	UG/KG	100	03/07/2023	DBA
4-Nitroaniline	EPA-8270	U	UG/KG	250	03/07/2023	DBA
4,6-Dinitro-2-Methylphenol	EPA-8270	U	UG/KG	290	03/07/2023	DBA
N-Nitrosodiphenylamine	EPA-8270	U	UG/KG	500	03/07/2023	DBA
Azobenzene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
4-Bromophenyl-Phenylether	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Hexachlorobenzene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Pentachlorophenol	EPA-8270	U	UG/KG	500	03/07/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS SDG#:	EV23030039
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-030723S - Batch 190523 - Soil by EPA-8270

Phenanthrene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Anthracene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Carbazole	EPA-8270	U	UG/KG	250	03/07/2023	DBA
Di-N-Butylphthalate	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Fluoranthene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Pyrene	EPA-8270	U	UG/KG	150	03/07/2023	DBA
Butylbenzylphthalate	EPA-8270	U	UG/KG	100	03/07/2023	DBA
3,3-Dichlorobenzidine	EPA-8270	U	UG/KG	250	03/07/2023	DBA
Benzo[A]Anthracene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Chrysene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Di-N-Octylphthalate	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Benzo[B]Fluoranthene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Benzo[K]Fluoranthene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Benzo[A]Pyrene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Benzo[G,H,I]Perylene	EPA-8270	U	UG/KG	100	03/07/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

MB-030723S - Batch 190509 - Soil by EPA-8082

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
PCB-1016	EPA-8082	U	MG/KG	0.10	03/07/2023	DBA
PCB-1221	EPA-8082	U	MG/KG	0.10	03/07/2023	DBA
PCB-1232	EPA-8082	U	MG/KG	0.10	03/07/2023	DBA
PCB-1242	EPA-8082	U	MG/KG	0.10	03/07/2023	DBA
PCB-1248	EPA-8082	U	MG/KG	0.10	03/07/2023	DBA
PCB-1254	EPA-8082	U	MG/KG	0.10	03/07/2023	DBA
PCB-1260	EPA-8082	U	MG/KG	0.10	03/07/2023	DBA
PCB-1268	EPA-8082	U	MG/KG	0.10	03/07/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R429596 - Batch R429596 - Soil by EPA-7471

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Mercury	EPA-7471	U	MG/KG	0.020	03/07/2023	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS SDG#:	EV23030039
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-030723S - Batch 190500 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Arsenic	EPA-6020	U	MG/KG	0.20	03/07/2023	EBS
Barium	EPA-6020	U	MG/KG	0.12	03/07/2023	EBS
Cadmium	EPA-6020	U	MG/KG	0.10	03/07/2023	EBS
Chromium	EPA-6020	U	MG/KG	0.10	03/07/2023	EBS
Lead	EPA-6020	U	MG/KG	0.10	03/07/2023	EBS
Selenium	EPA-6020	U	MG/KG	1.0	03/07/2023	EBS
Silver	EPA-6020	U	MG/KG	0.10	03/07/2023	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 3/13/2023
ALS SDG#: EV23030039
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 190553 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**100**			50	150	03/07/2023	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**103**	**3**		50	150	03/07/2023	DLC
Chloromethane - BS	EPA-8260	**98.3**			50	150	03/07/2023	DLC
Chloromethane - BSD	EPA-8260	**102**	**4**		50	150	03/07/2023	DLC
Vinyl Chloride - BS	EPA-8260	**93.2**			50	150	03/07/2023	DLC
Vinyl Chloride - BSD	EPA-8260	**97.1**	**4**		50	150	03/07/2023	DLC
Bromomethane - BS	EPA-8260	**96.7**			50	150	03/07/2023	DLC
Bromomethane - BSD	EPA-8260	**99.5**	**3**		50	150	03/07/2023	DLC
Chloroethane - BS	EPA-8260	**100**			50	150	03/07/2023	DLC
Chloroethane - BSD	EPA-8260	**104**	**3**		50	150	03/07/2023	DLC
Carbon Tetrachloride - BS	EPA-8260	**101**			50	150	03/07/2023	DLC
Carbon Tetrachloride - BSD	EPA-8260	**104**	**3**		50	150	03/07/2023	DLC
Trichlorofluoromethane - BS	EPA-8260	**96.9**			50	150	03/07/2023	DLC
Trichlorofluoromethane - BSD	EPA-8260	**100**	**3**		50	150	03/07/2023	DLC
1,1-Dichloroethene - BS	EPA-8260	**102**			70	130	03/07/2023	DLC
1,1-Dichloroethene - BSD	EPA-8260	**105**	**3**		70	130	03/07/2023	DLC
Methylene Chloride - BS	EPA-8260	**98.3**			50	150	03/07/2023	DLC
Methylene Chloride - BSD	EPA-8260	**105**	**7**		50	150	03/07/2023	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**94.9**			50	150	03/07/2023	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**96.9**	**2**		50	150	03/07/2023	DLC
1,1-Dichloroethane - BS	EPA-8260	**102**			50	150	03/07/2023	DLC
1,1-Dichloroethane - BSD	EPA-8260	**106**	**4**		50	150	03/07/2023	DLC
2-Butanone - BS	EPA-8260	**85.9**			50	150	03/07/2023	DLC
2-Butanone - BSD	EPA-8260	**89.4**	**4**		50	150	03/07/2023	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**99.6**			50	150	03/07/2023	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**103**	**3**		50	150	03/07/2023	DLC
2,2-Dichloropropane - BS	EPA-8260	**96.9**			50	150	03/07/2023	DLC
2,2-Dichloropropane - BSD	EPA-8260	**98.9**	**2**		50	150	03/07/2023	DLC
Bromochloromethane - BS	EPA-8260	**103**			50	150	03/07/2023	DLC
Bromochloromethane - BSD	EPA-8260	**106**	**3**		50	150	03/07/2023	DLC
Chloroform - BS	EPA-8260	**97.2**			50	150	03/07/2023	DLC
Chloroform - BSD	EPA-8260	**101**	**4**		50	150	03/07/2023	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**100**			50	150	03/07/2023	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**104**	**4**		50	150	03/07/2023	DLC
1,1-Dichloropropene - BS	EPA-8260	**101**			50	150	03/07/2023	DLC
1,1-Dichloropropene - BSD	EPA-8260	**104**	**3**		50	150	03/07/2023	DLC
1,2-Dichloroethane - BS	EPA-8260	**100**			50	150	03/07/2023	DLC
1,2-Dichloroethane - BSD	EPA-8260	**103**	**2**		50	150	03/07/2023	DLC
1,2-Dichloropropane - BS	EPA-8260	**101**			50	150	03/07/2023	DLC

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LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloropropane - BSD	EPA-8260	**106**	**4**		50	150	03/07/2023	DLC
Dibromomethane - BS	EPA-8260	**105**			50	150	03/07/2023	DLC
Dibromomethane - BSD	EPA-8260	**107**	**2**		50	150	03/07/2023	DLC
Bromodichloromethane - BS	EPA-8260	**102**			50	150	03/07/2023	DLC
Bromodichloromethane - BSD	EPA-8260	**107**	**4**		50	150	03/07/2023	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**104**			50	150	03/07/2023	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**108**	**3**		50	150	03/07/2023	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**104**			50	150	03/07/2023	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**108**	**4**		50	150	03/07/2023	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**102**			50	150	03/07/2023	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**106**	**4**		50	150	03/07/2023	DLC
1,3-Dichloropropane - BS	EPA-8260	**103**			50	150	03/07/2023	DLC
1,3-Dichloropropane - BSD	EPA-8260	**107**	**4**		50	150	03/07/2023	DLC
Tetrachloroethylene - BS	EPA-8260	**101**			50	150	03/07/2023	DLC
Tetrachloroethylene - BSD	EPA-8260	**106**	**5**		50	150	03/07/2023	DLC
Dibromochloromethane - BS	EPA-8260	**95.0**			50	150	03/07/2023	DLC
Dibromochloromethane - BSD	EPA-8260	**98.1**	**3**		50	150	03/07/2023	DLC
1,2-Dibromoethane - BS	EPA-8260	**107**			50	150	03/07/2023	DLC
1,2-Dibromoethane - BSD	EPA-8260	**111**	**4**		50	150	03/07/2023	DLC
Chlorobenzene - BS	EPA-8260	**96.9**			79	128	03/07/2023	DLC
Chlorobenzene - BSD	EPA-8260	**99.7**	**3**		79	128	03/07/2023	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**100**			50	150	03/07/2023	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**105**	**5**		50	150	03/07/2023	DLC
Bromoform - BS	EPA-8260	**94.3**			50	150	03/07/2023	DLC
Bromoform - BSD	EPA-8260	**97.9**	**4**		50	150	03/07/2023	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**105**			50	150	03/07/2023	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**110**	**4**		50	150	03/07/2023	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**105**			50	150	03/07/2023	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**109**	**4**		50	150	03/07/2023	DLC
Bromobenzene - BS	EPA-8260	**100**			50	150	03/07/2023	DLC
Bromobenzene - BSD	EPA-8260	**104**	**3**		50	150	03/07/2023	DLC
2-Chlorotoluene - BS	EPA-8260	**97.7**			50	150	03/07/2023	DLC
2-Chlorotoluene - BSD	EPA-8260	**101**	**3**		50	150	03/07/2023	DLC
4-Chlorotoluene - BS	EPA-8260	**96.4**			50	150	03/07/2023	DLC
4-Chlorotoluene - BSD	EPA-8260	**99.5**	**3**		50	150	03/07/2023	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**95.8**			50	150	03/07/2023	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**98.1**	**2**		50	150	03/07/2023	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**97.0**			50	150	03/07/2023	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**100**	**3**		50	150	03/07/2023	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**96.9**			50	150	03/07/2023	DLC

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LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene - BSD	EPA-8260	**101**	**4**		50	150	03/07/2023	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**108**			50	150	03/07/2023	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**115**	**7**		50	150	03/07/2023	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**96.8**			50	150	03/07/2023	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**113**	**15**		50	150	03/07/2023	DLC
Hexachlorobutadiene - BS	EPA-8260	**100**			50	150	03/07/2023	DLC
Hexachlorobutadiene - BSD	EPA-8260	**106**	**5**		50	150	03/07/2023	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**99.1**			50	150	03/07/2023	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**143**	**37**	SR1	50	150	03/07/2023	DLC

SR1 - RPD outside of control limits.

ALS Test Batch ID: R429906 - TCLP Extract by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene (ZHE) - BS	EPA-8260/1311	**107**			80.2	139	03/10/2023	DLC
1,1-Dichloroethene (ZHE) - BSD	EPA-8260/1311	**100**	**6**		80.2	139	03/10/2023	DLC
Benzene (ZHE) - BS	EPA-8260/1311	**103**			79.2	138	03/10/2023	DLC
Benzene (ZHE) - BSD	EPA-8260/1311	**97.7**	**6**		79.2	138	03/10/2023	DLC
Trichloroethene (ZHE) - BS	EPA-8260/1311	**108**			80	134	03/10/2023	DLC
Trichloroethene (ZHE) - BSD	EPA-8260/1311	**102**	**6**		80	134	03/10/2023	DLC
Chlorobenzene (ZHE) - BS	EPA-8260/1311	**108**			78	130	03/10/2023	DLC
Chlorobenzene (ZHE) - BSD	EPA-8260/1311	**102**	**6**		78	130	03/10/2023	DLC

ALS Test Batch ID: 190523 - Soil by EPA-8270

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Pyridine - BS	EPA-8270	**73.5**			20	150	03/07/2023	DBA
Pyridine - BSD	EPA-8270	**75.5**	**3**		20	150	03/07/2023	DBA
N-Nitrosodimethylamine - BS	EPA-8270	**92.3**			20	150	03/07/2023	DBA
N-Nitrosodimethylamine - BSD	EPA-8270	**92.0**	**0**		20	150	03/07/2023	DBA
Phenol - BS	EPA-8270	**84.4**			36.1	131	03/07/2023	DBA
Phenol - BSD	EPA-8270	**94.0**	**11**		36.1	131	03/07/2023	DBA
Aniline - BS	EPA-8270	**63.5**			20	150	03/07/2023	DBA
Aniline - BSD	EPA-8270	**71.3**	**12**		20	150	03/07/2023	DBA
Bis(2-Chloroethyl)Ether - BS	EPA-8270	**64.8**			20	150	03/07/2023	DBA
Bis(2-Chloroethyl)Ether - BSD	EPA-8270	**72.6**	**11**		20	150	03/07/2023	DBA
2-Chlorophenol - BS	EPA-8270	**88.6**			59.9	111	03/07/2023	DBA
2-Chlorophenol - BSD	EPA-8270	**96.2**	**8**		59.9	111	03/07/2023	DBA
1,3-Dichlorobenzene - BS	EPA-8270	**94.1**			20	150	03/07/2023	DBA
1,3-Dichlorobenzene - BSD	EPA-8270	**94.1**	**0**		20	150	03/07/2023	DBA

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LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,4-Dichlorobenzene - BS	EPA-8270	**92.5**			44.3	122	03/07/2023	DBA
1,4-Dichlorobenzene - BSD	EPA-8270	**94.3**	**2**		44.3	122	03/07/2023	DBA
Benzyl Alcohol - BS	EPA-8270	**75.4**			20	150	03/07/2023	DBA
Benzyl Alcohol - BSD	EPA-8270	**84.3**	**11**		20	150	03/07/2023	DBA
1,2-Dichlorobenzene - BS	EPA-8270	**88.6**			20	150	03/07/2023	DBA
1,2-Dichlorobenzene - BSD	EPA-8270	**91.1**	**3**		20	150	03/07/2023	DBA
2-Methylphenol - BS	EPA-8270	**72.8**			20	150	03/07/2023	DBA
2-Methylphenol - BSD	EPA-8270	**82.1**	**12**		20	150	03/07/2023	DBA
Bis(2-Chloroisopropyl)Ether - BS	EPA-8270	**82.2**			20	150	03/07/2023	DBA
Bis(2-Chloroisopropyl)Ether - BSD	EPA-8270	**86.5**	**5**		20	150	03/07/2023	DBA
3&4-Methylphenol - BS	EPA-8270	**74.5**			20	150	03/07/2023	DBA
3&4-Methylphenol - BSD	EPA-8270	**85.0**	**13**		20	150	03/07/2023	DBA
N-Nitroso-Di-N-Propylamine - BS	EPA-8270	**70.9**			31.6	134	03/07/2023	DBA
N-Nitroso-Di-N-Propylamine - BSD	EPA-8270	**77.5**	**9**		31.6	134	03/07/2023	DBA
Hexachloroethane - BS	EPA-8270	**94.6**			20	150	03/07/2023	DBA
Hexachloroethane - BSD	EPA-8270	**94.6**	**0**		20	150	03/07/2023	DBA
Nitrobenzene - BS	EPA-8270	**102**			20	150	03/07/2023	DBA
Nitrobenzene - BSD	EPA-8270	**105**	**3**		20	150	03/07/2023	DBA
Isophorone - BS	EPA-8270	**90.9**			20	150	03/07/2023	DBA
Isophorone - BSD	EPA-8270	**95.1**	**5**		20	150	03/07/2023	DBA
2-Nitrophenol - BS	EPA-8270	**112**			20	150	03/07/2023	DBA
2-Nitrophenol - BSD	EPA-8270	**116**	**4**		20	150	03/07/2023	DBA
2,4-Dimethylphenol - BS	EPA-8270	**78.7**			20	150	03/07/2023	DBA
2,4-Dimethylphenol - BSD	EPA-8270	**97.3**	**21**		20	150	03/07/2023	DBA
Bis(2-Chloroethoxy)Methane - BS	EPA-8270	**98.8**			20	150	03/07/2023	DBA
Bis(2-Chloroethoxy)Methane - BSD	EPA-8270	**106**	**7**		20	150	03/07/2023	DBA
2,4-Dichlorophenol - BS	EPA-8270	**101**			20	150	03/07/2023	DBA
2,4-Dichlorophenol - BSD	EPA-8270	**112**	**10**		20	150	03/07/2023	DBA
1,2,4-Trichlorobenzene - BS	EPA-8270	**108**			44.6	122	03/07/2023	DBA
1,2,4-Trichlorobenzene - BSD	EPA-8270	**109**	**1**		44.6	122	03/07/2023	DBA
Naphthalene - BS	EPA-8270	**104**			20	150	03/07/2023	DBA
Naphthalene - BSD	EPA-8270	**107**	**2**		20	150	03/07/2023	DBA
4-Chloroaniline - BS	EPA-8270	**46.0**			20	150	03/07/2023	DBA
4-Chloroaniline - BSD	EPA-8270	**58.6**	**24**		20	150	03/07/2023	DBA
Hexachlorobutadiene - BS	EPA-8270	**111**			20	150	03/07/2023	DBA
Hexachlorobutadiene - BSD	EPA-8270	**109**	**2**		20	150	03/07/2023	DBA
4-Chloro-3-Methylphenol - BS	EPA-8270	**98.6**			49.2	135	03/07/2023	DBA
4-Chloro-3-Methylphenol - BSD	EPA-8270	**111**	**12**	SR1	49.2	135	03/07/2023	DBA
2-Methylnaphthalene - BS	EPA-8270	**91.8**			20	150	03/07/2023	DBA
2-Methylnaphthalene - BSD	EPA-8270	**97.5**	**6**		20	150	03/07/2023	DBA

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LABORATORY CONTROL SAMPLE RESULTS

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1-Methylnaphthalene - BS	EPA-8270	**91.8**			20	150	03/07/2023	DBA
1-Methylnaphthalene - BSD	EPA-8270	**97.6**	**6**		20	150	03/07/2023	DBA
Hexachlorocyclopentadiene - BS	EPA-8270	**96.3**			20	150	03/07/2023	DBA
Hexachlorocyclopentadiene - BSD	EPA-8270	**89.8**	**7**		20	150	03/07/2023	DBA
2,4,6-Trichlorophenol - BS	EPA-8270	**116**			20	150	03/07/2023	DBA
2,4,6-Trichlorophenol - BSD	EPA-8270	**120**	**3**		20	150	03/07/2023	DBA
2,4,5-Trichlorophenol - BS	EPA-8270	**114**			20	150	03/07/2023	DBA
2,4,5-Trichlorophenol - BSD	EPA-8270	**117**	**3**		20	150	03/07/2023	DBA
2-Chloronaphthalene - BS	EPA-8270	**109**			20	150	03/07/2023	DBA
2-Chloronaphthalene - BSD	EPA-8270	**111**	**2**		20	150	03/07/2023	DBA
2-Nitroaniline - BS	EPA-8270	**119**			20	150	03/07/2023	DBA
2-Nitroaniline - BSD	EPA-8270	**121**	**2**		20	150	03/07/2023	DBA
Acenaphthylene - BS	EPA-8270	**107**			20	150	03/07/2023	DBA
Acenaphthylene - BSD	EPA-8270	**112**	**5**		20	150	03/07/2023	DBA
Dimethylphthalate - BS	EPA-8270	**111**			20	150	03/07/2023	DBA
Dimethylphthalate - BSD	EPA-8270	**116**	**4**		20	150	03/07/2023	DBA
2,6-Dinitrotoluene - BS	EPA-8270	**115**			20	150	03/07/2023	DBA
2,6-Dinitrotoluene - BSD	EPA-8270	**120**	**5**		20	150	03/07/2023	DBA
Acenaphthene - BS	EPA-8270	**107**			49.3	117	03/07/2023	DBA
Acenaphthene - BSD	EPA-8270	**112**	**4**		49.3	117	03/07/2023	DBA
3-Nitroaniline - BS	EPA-8270	**77.9**			20	150	03/07/2023	DBA
3-Nitroaniline - BSD	EPA-8270	**93.5**	**18**		20	150	03/07/2023	DBA
2,4-Dinitrophenol - BS	EPA-8270	**66.6**			20	150	03/07/2023	DBA
2,4-Dinitrophenol - BSD	EPA-8270	**55.9**	**17**		20	150	03/07/2023	DBA
4-Nitrophenol - BS	EPA-8270	**98.7**			29.8	137	03/07/2023	DBA
4-Nitrophenol - BSD	EPA-8270	**98.9**	**0**		29.8	137	03/07/2023	DBA
Dibenzofuran - BS	EPA-8270	**108**			20	150	03/07/2023	DBA
Dibenzofuran - BSD	EPA-8270	**113**	**5**		20	150	03/07/2023	DBA
2,4-Dinitrotoluene - BS	EPA-8270	**119**			55.3	130	03/07/2023	DBA
2,4-Dinitrotoluene - BSD	EPA-8270	**125**	**5**		55.3	130	03/07/2023	DBA
2,3,4,6-Tetrachlorophenol - BS	EPA-8270	**99.4**			20	150	03/07/2023	DBA
2,3,4,6-Tetrachlorophenol - BSD	EPA-8270	**104**	**5**		20	150	03/07/2023	DBA
Diethylphthalate - BS	EPA-8270	**109**			20	150	03/07/2023	DBA
Diethylphthalate - BSD	EPA-8270	**115**	**6**		20	150	03/07/2023	DBA
Fluorene - BS	EPA-8270	**110**			20	150	03/07/2023	DBA
Fluorene - BSD	EPA-8270	**116**	**5**		20	150	03/07/2023	DBA
4-Chlorophenyl-Phenylether - BS	EPA-8270	**111**			20	150	03/07/2023	DBA
4-Chlorophenyl-Phenylether - BSD	EPA-8270	**117**	**5**		20	150	03/07/2023	DBA
4-Nitroaniline - BS	EPA-8270	**104**			20	150	03/07/2023	DBA
4-Nitroaniline - BSD	EPA-8270	**108**	**4**		20	150	03/07/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 3/13/2023
ALS SDG#: EV23030039
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
4,6-Dinitro-2-Methylphenol - BS	EPA-8270	**105**			20	150	03/07/2023	DBA
4,6-Dinitro-2-Methylphenol - BSD	EPA-8270	**102**	**3**		20	150	03/07/2023	DBA
Azobenzene - BS	EPA-8270	**108**			20	150	03/07/2023	DBA
Azobenzene - BSD	EPA-8270	**114**	**6**		20	150	03/07/2023	DBA
4-Bromophenyl-Phenylether - BS	EPA-8270	**109**			20	150	03/07/2023	DBA
4-Bromophenyl-Phenylether - BSD	EPA-8270	**115**	**5**		20	150	03/07/2023	DBA
Hexachlorobenzene - BS	EPA-8270	**108**			20	150	03/07/2023	DBA
Hexachlorobenzene - BSD	EPA-8270	**114**	**6**		20	150	03/07/2023	DBA
Pentachlorophenol - BS	EPA-8270	**82.2**			41.3	113	03/07/2023	DBA
Pentachlorophenol - BSD	EPA-8270	**75.2**	**9**		41.3	113	03/07/2023	DBA
Phenanthrene - BS	EPA-8270	**112**			20	150	03/07/2023	DBA
Phenanthrene - BSD	EPA-8270	**120**	**6**		20	150	03/07/2023	DBA
Anthracene - BS	EPA-8270	**108**			20	150	03/07/2023	DBA
Anthracene - BSD	EPA-8270	**115**	**7**		20	150	03/07/2023	DBA
Carbazole - BS	EPA-8270	**122**			20	150	03/07/2023	DBA
Carbazole - BSD	EPA-8270	**132**	**7**		20	150	03/07/2023	DBA
Di-N-Butylphthalate - BS	EPA-8270	**116**			20	150	03/07/2023	DBA
Di-N-Butylphthalate - BSD	EPA-8270	**121**	**4**		20	150	03/07/2023	DBA
Fluoranthene - BS	EPA-8270	**117**			20	150	03/07/2023	DBA
Fluoranthene - BSD	EPA-8270	**123**	**5**		20	150	03/07/2023	DBA
Pyrene - BS	EPA-8270	**109**			57.4	145	03/07/2023	DBA
Pyrene - BSD	EPA-8270	**114**	**4**		57.4	145	03/07/2023	DBA
Butylbenzylphthalate - BS	EPA-8270	**113**			20	150	03/07/2023	DBA
Butylbenzylphthalate - BSD	EPA-8270	**116**	**3**		20	150	03/07/2023	DBA
Benzo[A]Anthracene - BS	EPA-8270	**110**			20	150	03/07/2023	DBA
Benzo[A]Anthracene - BSD	EPA-8270	**114**	**4**		20	150	03/07/2023	DBA
Chrysene - BS	EPA-8270	**114**			20	150	03/07/2023	DBA
Chrysene - BSD	EPA-8270	**119**	**4**		20	150	03/07/2023	DBA
Bis(2-Ethylhexyl)Phthalate - BS	EPA-8270	**109**			20	150	03/07/2023	DBA
Bis(2-Ethylhexyl)Phthalate - BSD	EPA-8270	**113**	**3**		20	150	03/07/2023	DBA
Di-N-Octylphthalate - BS	EPA-8270	**110**			20	150	03/07/2023	DBA
Di-N-Octylphthalate - BSD	EPA-8270	**113**	**2**		20	150	03/07/2023	DBA
Benzo[B]Fluoranthene - BS	EPA-8270	**109**			20	150	03/07/2023	DBA
Benzo[B]Fluoranthene - BSD	EPA-8270	**116**	**6**		20	150	03/07/2023	DBA
Benzo[K]Fluoranthene - BS	EPA-8270	**117**			20	150	03/07/2023	DBA
Benzo[K]Fluoranthene - BSD	EPA-8270	**121**	**4**		20	150	03/07/2023	DBA
Benzo[A]Pyrene - BS	EPA-8270	**113**			20	150	03/07/2023	DBA
Benzo[A]Pyrene - BSD	EPA-8270	**119**	**5**		20	150	03/07/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270	**132**			20	150	03/07/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270	**136**	**3**		20	150	03/07/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 3/13/2023
ALS SDG#: EV23030039
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dibenz[A,H]Anthracene - BS	EPA-8270	**124**			20	150	03/07/2023	DBA
Dibenz[A,H]Anthracene - BSD	EPA-8270	**127**	**3**		20	150	03/07/2023	DBA
Benzo[G,H,I]Perylene - BS	EPA-8270	**125**			20	150	03/07/2023	DBA
Benzo[G,H,I]Perylene - BSD	EPA-8270	**129**	**3**		20	150	03/07/2023	DBA

SR1 - RPD outside of control limits.

ALS Test Batch ID: 190509 - Soil by EPA-8082

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
PCB-1016 - BS	EPA-8082	**64.4**			50	150	03/07/2023	DBA
PCB-1016 - BSD	EPA-8082	**61.1**	**5**		50	150	03/07/2023	DBA
PCB-1260 - BS	EPA-8082	**72.2**			50	150	03/07/2023	DBA
PCB-1260 - BSD	EPA-8082	**68.2**	**6**		50	150	03/07/2023	DBA

ALS Test Batch ID: R429596 - Soil by EPA-7471

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Mercury - BS	EPA-7471	**103**			81.8	117	03/07/2023	RAL
Mercury - BSD	EPA-7471	**104**	**1**		81.8	117	03/07/2023	RAL

ALS Test Batch ID: 190500 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Arsenic - BS	EPA-6020	**101**			80	120	03/07/2023	EBS
Arsenic - BSD	EPA-6020	**100**	**1**		80	120	03/07/2023	EBS
Barium - BS	EPA-6020	**101**			80	120	03/07/2023	EBS
Barium - BSD	EPA-6020	**103**	**1**		80	120	03/07/2023	EBS
Cadmium - BS	EPA-6020	**104**			80	120	03/07/2023	EBS
Cadmium - BSD	EPA-6020	**103**	**1**		80	120	03/07/2023	EBS
Chromium - BS	EPA-6020	**97.7**			80	120	03/07/2023	EBS
Chromium - BSD	EPA-6020	**97.5**	**0**		80	120	03/07/2023	EBS
Lead - BS	EPA-6020	**95.7**			80	120	03/07/2023	EBS
Lead - BSD	EPA-6020	**96.6**	**1**		80	120	03/07/2023	EBS
Selenium - BS	EPA-6020	**101**			80	120	03/07/2023	EBS
Selenium - BSD	EPA-6020	**101**	**0**		80	120	03/07/2023	EBS
Silver - BS	EPA-6020	**102**			80	120	03/07/2023	EBS
Silver - BSD	EPA-6020	**102**	**1**		80	120	03/07/2023	EBS

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CERTIFICATE OF ANALYSIS

APPROVED BY



Rob Greer
Laboratory Director

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Everett, WA 98208
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http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV23030039

Date 3/6/23 Page 1 Of 1

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom Env. Svcs
PROJECT MANAGER: Thom - Harold
ADDRESS: 228 E. Champion #101
Bham, WA 98225
PHONE: 360-752-9571 P.O. #:
E-MAIL: ~~t.thomas@t~~ tlavis@whatcom-es.com
INVOICE TO COMPANY:
ATTENTION: Samet
ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260 + 2-Butanone	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☒	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☒	Pri Pol ☐	TAL ☐	Metals Other (Specify)	TCLP-Metals ☐	VOA ☒	Semi-Vol ☐	Pest ☐	Herbs ☐	OTHER (Specify): (+ cis,1,2-dichloroethene, 1,1,1-TCE	hold extra for possible TCLP						NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. B-27 West 11-13 Ft	3/6/23	1150	Soil	1								X				X		X			X										X							5	
2. B-27 East 12-14 Ft	"	1210	"	2								X				X		X			X										X							5	
3. B-27 North 12-14 Ft	"	1230	"	3								X				X		X			X				☆						X							5	
4.																																							
5.																																							
6.																																							
7.																																							
8.																																							
9.																																							
10.			3/9/23																																				

SPECIAL INSTRUCTIONS ☆ - Added 3/6/23 per Thom Davis email. CN

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: ~~[illegible]~~ WES 3/6/23 @ 1440
   Received By: APREESE, ALS, 03/06/23 @ 1440
2. Relinquished By: _____
   Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: [10] Standard | [5] | [3] | [2] | [1] | [SAME DAY]

Fuels & Hydrocarbon Analysis: [5] Standard | [3] | [1] | [SAME DAY]

OTHER: Specify: ASAP

*Turnaround request less than standard may incur Rush Charges

January 25, 2023

Ms. Aimee Pennell
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Ms. Pennell,

On January 13th, 27 samples were received by our laboratory and assigned our laboratory project number EV23010085. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Rob Greer
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/25/2023
		ALS JOB#:	EV23010085
		ALS SAMPLE#:	EV23010085-04
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/11/2023 12:30:00 PM
CLIENT SAMPLE ID	B-35 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**4.6**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**101**	01/20/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/25/2023 EV23010085 EV23010085-05
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/11/2023 12:35:00 PM
CLIENT SAMPLE ID	B-35 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**4.8**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**104**	01/20/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/25/2023
		ALS JOB#:	EV23010085
		ALS SAMPLE#:	EV23010085-06
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/11/2023 12:45:00 PM
CLIENT SAMPLE ID	B-35 19-19.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**4.2**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**93.4**	01/20/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/25/2023
		ALS JOB#:	EV23010085
		ALS SAMPLE#:	EV23010085-07
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/11/2023 2:10:00 PM
CLIENT SAMPLE ID	B-36 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**4.0**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**91.2**	01/20/2023	DBA

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/25/2023 EV23010085 EV23010085-08
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/11/2023 2:15:00 PM
CLIENT SAMPLE ID	B-36 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**4.5**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**89.2**	01/20/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/25/2023 EV23010085 EV23010085-09
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/11/2023 2:25:00 PM
CLIENT SAMPLE ID	B-36 19-19.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**4.9**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**103**	01/20/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/25/2023
		ALS JOB#:	EV23010085
		ALS SAMPLE#:	EV23010085-10
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/11/2023 3:20:00 PM
CLIENT SAMPLE ID	B-37 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**4.6**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**107**	01/20/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/25/2023 EV23010085 EV23010085-11
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/11/2023 3:30:00 PM
CLIENT SAMPLE ID	B-37 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**4.4**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**81.5**	01/20/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/25/2023
		ALS JOB#:	EV23010085
		ALS SAMPLE#:	EV23010085-12
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/11/2023 3:35:00 PM
CLIENT SAMPLE ID	B-37 19-19.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**4.8**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**84.1**	01/20/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/25/2023 EV23010085 EV23010085-13
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/12/2023 10:25:00 AM
CLIENT SAMPLE ID	B-38 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**4.2**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**82.1**	01/20/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/25/2023 EV23010085 EV23010085-14
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/12/2023 10:30:00 AM
CLIENT SAMPLE ID	B-38 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**5.3**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**85.4**	01/20/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/25/2023
		ALS JOB#:	EV23010085
		ALS SAMPLE#:	EV23010085-15
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/12/2023 10:35:00 AM
CLIENT SAMPLE ID	B-38 19-19.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**4.9**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**80.3**	01/20/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/25/2023 EV23010085 EV23010085-22
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/12/2023 1:40:00 PM
CLIENT SAMPLE ID	B-41 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**4.6**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**87.7**	01/20/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/25/2023 EV23010085 EV23010085-23
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/12/2023 1:45:00 PM
CLIENT SAMPLE ID	B-41 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**3.8**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**97.5**	01/20/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/25/2023 EV23010085 EV23010085-24
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/12/2023 1:50:00 PM
CLIENT SAMPLE ID	B-41 19-19.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**4.4**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**83.6**	01/20/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/25/2023 EV23010085 EV23010085-25
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/12/2023 2:45:00 PM
CLIENT SAMPLE ID	B-42 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**4.6**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**78.5**	01/20/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/25/2023 EV23010085 EV23010085-26
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/12/2023 2:50:00 PM
CLIENT SAMPLE ID	B-42 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**4.9**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**93.9**	01/20/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/25/2023
		ALS JOB#:	EV23010085
		ALS SAMPLE#:	EV23010085-27
CLIENT CONTACT:	Aimee Pennell	DATE RECEIVED:	01/13/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/12/2023 2:55:00 PM
CLIENT SAMPLE ID	B-42 19-19.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/20/2023	DBA
Lead	EPA-6020	**4.7**	0.10	1	MG/KG	01/17/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**83.1**	01/20/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/25/2023
		ALS SDG#:	EV23010085
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Aimee Pennell		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-011923S - Batch 188667 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	01/20/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	01/20/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	01/20/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	01/20/2023	DBA
Chrysene	EPA-8270 SIM	U	UG/KG	20	01/20/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	01/20/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	01/20/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	01/20/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	01/20/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

MB-011623S - Batch 188455 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	01/17/2023	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Aimee Pennell
CLIENT PROJECT: Sunset Commons

DATE: 1/25/2023
ALS SDG#: EV23010085
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 188667 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**117**			20	150	01/20/2023	DBA
Naphthalene - BSD	EPA-8270 SIM	**105**	**11**		20	150	01/20/2023	DBA
2-Methylnaphthalene - BS	EPA-8270 SIM	**104**			20	150	01/20/2023	DBA
2-Methylnaphthalene - BSD	EPA-8270 SIM	**93.4**	**10**		20	150	01/20/2023	DBA
1-Methylnaphthalene - BS	EPA-8270 SIM	**108**			20	150	01/20/2023	DBA
1-Methylnaphthalene - BSD	EPA-8270 SIM	**97.5**	**10**		20	150	01/20/2023	DBA
Benzo[A]Anthracene - BS	EPA-8270 SIM	**74.3**			20	150	01/20/2023	DBA
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**85.6**	**14**		20	150	01/20/2023	DBA
Chrysene - BS	EPA-8270 SIM	**106**			20	150	01/20/2023	DBA
Chrysene - BSD	EPA-8270 SIM	**120**	**12**		20	150	01/20/2023	DBA
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**78.7**			20	150	01/20/2023	DBA
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**91.9**	**15**		20	150	01/20/2023	DBA
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**114**			20	150	01/20/2023	DBA
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**118**	**3**		20	150	01/20/2023	DBA
Benzo[A]Pyrene - BS	EPA-8270 SIM	**98.3**			20	150	01/20/2023	DBA
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**116**	**17**		20	150	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**101**			20	150	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**119**	**16**		20	150	01/20/2023	DBA
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**98.0**			20	150	01/20/2023	DBA
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**116**	**17**		20	150	01/20/2023	DBA

ALS Test Batch ID: 188455 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**96.1**			80	120	01/17/2023	EBS
Lead - BSD	EPA-6020	**95.0**	**1**		80	120	01/17/2023	EBS

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Aimee Pennell
CLIENT PROJECT: Sunset Commons

DATE: 1/25/2023
ALS SDG#: EV23010085
WDOE ACCREDITATION: C601

MATRIX SPIKE RESULTS

ALS Test Batch ID: 188667 - Soil
Parent Sample: B-35 12.5-13ft

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	SPIKE ADDED	PARENT SAMPLE RESULT	RESULT	LIMITS MIN	LIMITS MAX	RPD	ANALYSIS DATE	ANALYSIS BY
Naphthalene - MS	EPA-8270 SIM	**112**			850	0	**949**	20	150		01/20/2023	DBA
Naphthalene - MSD	EPA-8270 SIM	**105**	**5**		860	0	**907**	20	150	30	01/20/2023	DBA
2-Methylnaphthalene - MS	EPA-8270 SIM	**100**			850	0	**853**	20	150		01/20/2023	DBA
2-Methylnaphthalene - MSD	EPA-8270 SIM	**94.5**	**5**		860	0	**813**	20	150	30	01/20/2023	DBA
1-Methylnaphthalene - MS	EPA-8270 SIM	**104**			850	0	**882**	20	150		01/20/2023	DBA
1-Methylnaphthalene - MSD	EPA-8270 SIM	**97.8**	**5**		860	0	**841**	20	150	30	01/20/2023	DBA
Benzo[A]Anthracene - MS	EPA-8270 SIM	**82.7**			850	0	**702**	20	150		01/20/2023	DBA
Benzo[A]Anthracene - MSD	EPA-8270 SIM	**73.9**	**10**		860	0	**635**	20	150	30	01/20/2023	DBA
Chrysene - MS	EPA-8270 SIM	**107**			850	0	**907**	20	150		01/20/2023	DBA
Chrysene - MSD	EPA-8270 SIM	**97.7**	**8**		860	0	**840**	20	150	30	01/20/2023	DBA
Benzo[B]Fluoranthene - MS	EPA-8270 SIM	**80.7**			850	0	**685**	20	150		01/20/2023	DBA
Benzo[B]Fluoranthene - MSD	EPA-8270 SIM	**77.6**	**3**		860	0	**667**	20	150	30	01/20/2023	DBA
Benzo[K]Fluoranthene - MS	EPA-8270 SIM	**113**			850	0	**961**	20	150		01/20/2023	DBA
Benzo[K]Fluoranthene - MSD	EPA-8270 SIM	**104**	**7**		860	0	**893**	20	150	30	01/20/2023	DBA
Benzo[A]Pyrene - MS	EPA-8270 SIM	**99.8**			850	0	**848**	20	150		01/20/2023	DBA
Benzo[A]Pyrene - MSD	EPA-8270 SIM	**93.6**	**5**		860	0	**805**	20	150	30	01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene - MS	EPA-8270 SIM	**102**			850	0	**863**	20	150		01/20/2023	DBA
Indeno[1,2,3-Cd]Pyrene - MSD	EPA-8270 SIM	**94.9**	**6**		860	0	**816**	20	150	30	01/20/2023	DBA
Dibenz[A,H]Anthracene - MS	EPA-8270 SIM	**99.6**			850	0	**846**	20	150		01/20/2023	DBA
Dibenz[A,H]Anthracene - MSD	EPA-8270 SIM	**92.7**	**6**		860	0	**797**	20	150	30	01/20/2023	DBA

APPROVED BY



Rob Greer
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
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ALS Environmental
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Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EN23010085

Date 1/13/23 Page 1 of 3

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom Environmental
PROJECT MANAGER: Aimee/Thom
ADDRESS: 808 E Champion St, #107
Bellingham, WA 98225
PHONE: 3607529571 P.O. #:
E-MAIL: apennell@whatcom-es.com
INVOICE TO COMPANY:
ATTENTION: Same As Above
ADDRESS:

SAMPLE I.D.	DATE	TIME	TYPE	LAB#
1. B-34 7.5-8ft	1/11/23	10:50	Soil	1
2. B-34 12.5-13ft	1/11/23	10:55		2
3. B-34 19-19.5ft	1/11/23	11:10		3
4. B-35 7.5-8ft	1/11/23	12:30		4
5. B-35 12.5-13ft	1/11/23	12:35		5
6. B-35 19-19.5ft	1/11/23	12:45		6
7. B-36 7.5-8ft	1/11/23	14:10		7
8. B-36 12.5-13ft	1/11/23	14:15		8
9. B-36 19-19.5ft	1/11/23	14:25		9
10. B-37 7.5-8ft	1/11/23	15:20		10

ANALYSIS REQUESTED

SAMPLE I.D.	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 / BTEX by EPA 8260	MTBE by EPA 8021 / MTBE by EPA 8260	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 / Pesticides by EPA 8081	Metals-MTCA-5 / RCRA-8 / Pri Pol / TAL	Metals Other (Specify) Lead	TCLP-Metals / VOA / Semi-Vol / Pest / Herbs	OTHER (Specify) Naph Halenes + cPAHs (8270)			HOLD				NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. B-34 7.5-8ft														X					X				1	
2. B-34 12.5-13ft																			X				1	
3. B-34 19-19.5ft																			X				1	
4. B-35 7.5-8ft														X		X							1	
5. B-35 12.5-13ft														X		X							1	
6. B-35 19-19.5ft														X		X							1	
7. B-36 7.5-8ft														X		X							1	
8. B-36 12.5-13ft														X		X							1	
9. B-36 19-19.5ft														X		X							1	
10. B-37 7.5-8ft														X		X							1	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Matt Roberts, WES, 1/13/23, 13:30
   Received By: AFREESE / ALS / 1-13-23 / 1330
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER:
Specify:

ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2301 0085

Date 1/3/23 Page 2 Of 3

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom Environmental
PROJECT MANAGER: Aimee / Thom
ADDRESS: 928 E Champion St. #107
Bellingham, WA 98225
PHONE: 360 752-9571 P.O. #:
E-MAIL: apennell@whatcom-cs.com
INVOICE TO COMPANY:
ATTENTION: Same as Above
ADDRESS:

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021	BTEX by EPA 8260	MTBE by EPA 8021	MTBE by EPA 8260	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082	Pesticides by EPA 8081	Metals-MTCA-5	RCRA-8	Pri Pol	TAL	Metals Other (Specify) Lead	TCLP-Metals	VOA	Semi-Vol	Pest	Herbs	OTHER (Specify) Naphthalenes + cPAHs (8270)			Hold				NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. B-37 12.5-13ft	1/11/23	15:30	Soil	11																				X						X							1	
2. B-37 19-19.5 ft	1/11/23	15:35		12																				X						X							1	
3. B-38 7.5-8 ft	1/12/23	10:25		13																				X						X							1	
4. B-38 12.5-13 ft	1/12/23	10:30		14																				X						X							1	
5. B-38 19-19.5 ft	1/12/23	10:35		15																				X						X							1	
6. B-39 8-8.5 ft	1/12/23	11:10		16																													X				1	
7. B-39 12.5-13 ft	1/12/23	11:15		17																													X				1	
8. B-39 19-19.5 ft	1/12/23	11:20		18																													X				1	
9. B-40 7.5-8 ft	1/12/23	12:45		19																													X				1	
10. B-40 12.5-13 ft	1/12/23	12:50		20																													X				1	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):
1. Relinquished By: Matt Roberts - WTS, 1/12/23, 12:30
Received By: APPEESE / ALS / 1-13-23 / 1330
2. Relinquished By:
Received By:

TURNAROUND REQUESTED in Business Days*
Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY
Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY
OTHER: Specify:
*Turnaround request less than standard may incur Rush Charges

ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2301085

Date 1/13/23 Page 3 Of 3

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom Environmental
PROJECT MANAGER: Aimee / Thom
ADDRESS: 928 E Champion St #107
Bellingham, WA 98225
PHONE: 3607529571 P.O. #:
E-MAIL: apennell@whatcom-es.com
INVOICE TO COMPANY:
ATTENTION: Same as Above
ADDRESS:

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021	BTEX by EPA 8260	MTBE by EPA 8021	MTBE by EPA 8260	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082	Pesticides by EPA 8081	Metals-MTCA-5	RCRA-8	Pri Pol	TAL	Metals Other (Specify) Lead	TCLP-Metals	VOA	Semi-Vol	Pest	Herbs	Naphthalenes + cPAHs (8270)			Hg				NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. B-40 19-19.5ft	1/12/23	12:55	SOIL	21																											X				1	
2. B-41 7.5-8ft	1/12/23	13:40		22																			X		X										1	
3. B-41 12.5-13ft	1/12/23	13:45		23																			X		X										1	
4. B-41 19-19.5ft	1/12/23	13:50		24																			X		X										1	
5. B-42 7.5-8ft	1/12/23	14:45		25																			X		X										1	
6. B-42 12.5-13ft	1/12/23	14:50		26																			X		X										1	
7. B-42 19-19.5ft	1/12/23	14:55		27																			X		X										1	
8.																																				
9.																																				
10.																																				

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Matt Roberts - MR / WES / 1/13/23 / 17:30
   Received By: AFREESE / ALS / 1-13-23 / 1330
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | SAME DAY

OTHER:
Specify:

January 25, 2023

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On January 18th, 40 samples were received by our laboratory and assigned our laboratory project number EV23010102. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Rob Greer
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/25/2023
		ALS JOB#:	EV23010102
		ALS SAMPLE#:	EV23010102-13
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	01/18/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/13/2023 3:15:00 PM
CLIENT SAMPLE ID	B-47 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Lead	EPA-6020	**4.4**	0.10	1	MG/KG	01/24/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**99.8**	01/25/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/25/2023
		ALS JOB#:	EV23010102
		ALS SAMPLE#:	EV23010102-14
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	01/18/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/13/2023 3:20:00 PM
CLIENT SAMPLE ID	B-47 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Lead	EPA-6020	**4.4**	0.10	1	MG/KG	01/24/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**89.7**	01/25/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/25/2023
		ALS JOB#:	EV23010102
		ALS SAMPLE#:	EV23010102-15
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	01/18/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/13/2023 3:25:00 PM
CLIENT SAMPLE ID	B-47 19-19.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Lead	EPA-6020	**4.3**	0.10	1	MG/KG	01/24/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**67.0**	01/25/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/25/2023
		ALS JOB#:	EV23010102
		ALS SAMPLE#:	EV23010102-19
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	01/18/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/16/2023 10:00:00 AM
CLIENT SAMPLE ID	B-49 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Lead	EPA-6020	**4.2**	0.10	1	MG/KG	01/24/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**64.2**	01/25/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/25/2023
		ALS JOB#:	EV23010102
		ALS SAMPLE#:	EV23010102-20
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	01/18/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/16/2023 10:05:00 AM
CLIENT SAMPLE ID	B-49 12.5-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Lead	EPA-6020	**2.9**	0.10	1	MG/KG	01/24/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**69.9**	01/25/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/25/2023
		ALS JOB#:	EV23010102
		ALS SAMPLE#:	EV23010102-21
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	01/18/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	1/16/2023 10:10:00 AM
CLIENT SAMPLE ID	B-49 19-19.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/25/2023	DBA
Lead	EPA-6020	**4.6**	0.10	1	MG/KG	01/24/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14	EPA-8270 SIM	**82.0**	01/25/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/25/2023
		ALS SDG#:	EV23010102
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-012423S - Batch 188860 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	01/25/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	01/25/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	01/25/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	01/25/2023	DBA
Chrysene	EPA-8270 SIM	U	UG/KG	20	01/25/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	01/25/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	01/25/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	01/25/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	01/25/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	01/25/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

MB-012423S - Batch 188815 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	01/24/2023	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 1/25/2023
ALS SDG#: EV23010102
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 188860 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**86.8**			20	150	01/25/2023	DBA
Naphthalene - BSD	EPA-8270 SIM	**88.2**	**2**		20	150	01/25/2023	DBA
2-Methylnaphthalene - BS	EPA-8270 SIM	**80.0**			20	150	01/25/2023	DBA
2-Methylnaphthalene - BSD	EPA-8270 SIM	**79.0**	**1**		20	150	01/25/2023	DBA
1-Methylnaphthalene - BS	EPA-8270 SIM	**84.0**			20	150	01/25/2023	DBA
1-Methylnaphthalene - BSD	EPA-8270 SIM	**85.0**	**1**		20	150	01/25/2023	DBA
Benzo[A]Anthracene - BS	EPA-8270 SIM	**48.4**			20	150	01/25/2023	DBA
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**62.6**	**26**		20	150	01/25/2023	DBA
Chrysene - BS	EPA-8270 SIM	**83.0**			20	150	01/25/2023	DBA
Chrysene - BSD	EPA-8270 SIM	**87.0**	**5**		20	150	01/25/2023	DBA
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**62.4**			20	150	01/25/2023	DBA
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**66.9**	**7**		20	150	01/25/2023	DBA
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**65.4**			20	150	01/25/2023	DBA
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**70.1**	**7**		20	150	01/25/2023	DBA
Benzo[A]Pyrene - BS	EPA-8270 SIM	**82.5**			20	150	01/25/2023	DBA
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**82.6**	**0**		20	150	01/25/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**82.4**			20	150	01/25/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**82.1**	**0**		20	150	01/25/2023	DBA
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**76.9**			20	150	01/25/2023	DBA
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**78.4**	**2**		20	150	01/25/2023	DBA

ALS Test Batch ID: 188815 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**93.7**			80	120	01/24/2023	EBS
Lead - BSD	EPA-6020	**94.4**	**1**		80	120	01/24/2023	EBS

APPROVED BY

Rob Greer
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

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Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.: Ev2301012

Project Manager:	Thom-Harold		**Bill to:**	<---- Same --	
Client Name:	Whatcom Environmental Services		**Company:**	WES	
Address:	228 E Champion #101		**Address:**		
City, State ZIP:	Bellingham,. WA 98225		**City, State ZIP:**		
Email:	tdavis@whatcom-es.com	**Phone:** (360) 752-9571	**Email:**		**PO#**
Project Site:	512 E Sunset	**State:** WA			
Project Name:	Sunset Commons				
Project Number:					
P.O. Number:					
Sampler's Name:	Thom Davis				

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

TAT

- ☐ Routine 10 Day
- ☐ 24 hours * 100%
- ☐ 48 hours* 80%
- ☐ 3 Day* 60%
- ☒ 5 day* 50%

* Please call for availability

Due Date:

Comments

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)	HOLD
B-43 7.5-8ft	Soil	1/13/23	945	1	1				x
B-43 12.5-13 ft	Soil	1/13/23	950	2	1				x
B-43 19-19.5 ft	Soil	1/13/23	955	3	1				x
B-44 7.5-8ft	Soil	1/13/23	1050	4	1				x
B-44 12.5-13 ft	Soil	1/13/23	1055	5	1				x
B-44 19-19.5 ft	Soil	1/13/23	1100	6	1				x
B-45 7.5-8 ft	Soil	1/13/23	1220	7	1				x
B-45 12.5-13 ft	Soil	1/13/23	1225	8	1				x
B-45 19-19.5 ft	Soil	1/13/23	1230	9	1				x
B-46 7.5-8 ft	Soil	1/13/23	1425	10	1				x
B-46 12.5-13 ft	Soil	1/13/23	1430	11	1				x
B-46 19-19.5 ft	Soil	1/13/23	1435	12	1				x
B-47 7.5-8 ft	Soil	1/13/23	1515	13	1	x	x	x	
B-47 12.5-13 ft	Soil	1/13/23	1520	14	1	x	x	x	
B-47 19-19.5 ft	Soil	1/13/23	1525	15	1	x	x	x	

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Thom Davis		1/18/23 @ 1035	AFREESE		1/18/23
A FREESE		1/18/23 1035			

Revised : 1/18/2023

Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

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Work Order No.: Ev23010102

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)				HOLD												Comments
B-48 7.5-8 ft	Soil	1/16/23	920	16	1							x												
B-48 12.5-13 ft	Soil	1/16/23	925	17	1							x												
B-48 19-19.5ft	Soil	1/16/23	930	18	1							x												
B-49 7.5-8 ft	Soil	1/16/23	1000	19	1	x	x	x																
B-49 12.5-13 ft	Soil	1/16/23	1005	20	1	x	x	x																
B-49 19-19.5 ft	Soil	1/16/23	1010	21	1	x	x	x																
B-50 12.5-13 ft	Soil	1/16/23	1110	22	1							x												
B-50 19-19.5 ft	Soil	1/16/23	1115	23	1							x												
B-51 12.5-13 ft	Soil	1/16/23	1230	24	1							x												
B-51 19-19.5 ft	Soil	1/16/23	1235	25	1							x												
B-52 7.5-8 ft	Soil	1/16/23	1325	26	1							x												
B-52 12.5-13 ft	Soil	1/16/23	1330	27	1							x												
B-52 14.5-15 ft	Soil	1/16/23	1335	28	1							x												

TAT

- ☐ Routine 10 Day
- ☐ 24 hours * 100%
- ☐ 48 hours* 80%
- ☐ 3 Day* 60%
- ☒ 5 day* 50%

* Please call for availability

Due Date:

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY

Print Name	Signature	Date/Time
Thom Davis	[signature]	1/18/23 @ 1035

RECEIVED BY

Print Name	Signature	Date/Time
APREESE	[signature]	1/18/23

Revised: 1/18/2023

Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.: Ev2301010 2

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):					
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice	
Cooler Custody Seals:	Yes	No	N/A	Total Containers:	

REQUESTED ANALYSIS

TAT

- ☐ Routine 10 Day
- ☐ 24 hours * 100%
- ☐ 48 hours* 80%
- ☐ 3 Day* 60%
- ☒ 5 day* 50%

* Please call for availability

Due Date:

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)	HOLD	Comments
B-53 7.5-8 ft	Soil	1/17/23	935	29	1				X	
B-53 12.5-13 ft	Soil	1/17/23	940	30	1				X	
B-53 19-19.5 ft	Soil	1/17/23	945	31	1				X	
B-54 7.5-8 ft	Soil	1/17/23	1040	32	1				X	
B-54 12.5-13 ft	Soil	1/17/23	1045	33	1				X	
B-54 19-19.5 ft	Soil	1/17/23	1050	34	1				X	
B-55 8.5-9 ft	Soil	1/17/23	1140	35	1				X	
B-55 12.5-13 ft	Soil	1/17/23	1145	36	1				X	
B-55 19-19.5 ft	Soil	1/17/23	1150	37	1				X	
B-56 7.5-8 ft	Soil	1/17/23	1320	38	1				X	
B-56 12.5-13 ft	Soil	1/17/23	1325	39	1				X	
B-56 19-19.5 ft	Soil	1/17/23	1330	40	1				X	

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Thom Davis		1/18/23 @ 1035	AFREESD		01/18/23

Revised : 1/18/2023

ALS ENVIRONMENTAL

Sample Receiving Checklist

Client: Whatcom ALS Job #: Ev2301102

Project: Sunset Commons

Received Date: 1-18-23 Received Time: 12:25 By: MH

Type of shipping container: Cooler X Box ____ Other ____

Shipped via: FedEx Ground ____ UPS ____ Mail ____ Courier X Hand Delivered ____
FedEx Express ____ ALS

	Yes	No	N/A
Were custody seals on outside of shipping container?	____	X	____
If yes, how many? ____ Where? ____			
Custody seal date: ____ Seal name: ____			
Was Chain of Custody properly filled out (ink, signed, dated, etc.)?	X	____	____
Did all bottles have labels?	X	____	____
Did all bottle labels and tags agree with Chain of Custody?	X	____	____
Were samples received within hold time?	X	____	____
Did all bottles arrive in good condition (unbroken, etc.)?	X	____	____
Was sufficient amount of sample sent for the tests indicated?	X	____	____
Was correct preservation added to samples?	X	____	____

If no, Sample Control added preservative to the following:

Sample Number	Reagent	Analyte

Were VOA vials checked for absence of air bubbles?	____	____	X
Bubbles present in sample #: ____			

Temperature of cooler upon receipt: 8.3°C Ice Cold Cool Ambient N/A

Explain any discrepancies: ____

Was client contacted? ____ Who was called? ____ By whom? ____ Date: ____

Outcome of call: ____

March 13, 2023

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On March 6th, 3 samples were received by our laboratory and assigned our laboratory project number EV23030039. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Rob Greer
Laboratory Director

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ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 11:50:00 AM
CLIENT SAMPLE ID	B-27 West 11-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloroethene	EPA-8260	**31**	10	1	UG/KG	03/07/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	03/07/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloroethane	EPA-8260	**11**	10	1	UG/KG	03/07/2023	DLC
2-Butanone	EPA-8260	U	50	1	UG/KG	03/07/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	**39**	10	1	UG/KG	03/07/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,1-Trichloroethane	EPA-8260	**16**	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trichloroethene	EPA-8260	**4100**	1800	100	UG/KG	03/08/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	03/07/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC

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ALS Group USA, Corp dba ALS Environmental

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 11:50:00 AM
CLIENT SAMPLE ID	B-27 West 11-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	03/07/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Pyridine	EPA-8270	U	200	1	UG/KG	03/07/2023	DBA
N-Nitrosodimethylamine	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Phenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Aniline	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroethyl)Ether	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
2-Chlorophenol	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
1,3-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
1,4-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzyl Alcohol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
1,2-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
3&4-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
N-Nitroso-Di-N-Propylamine	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachloroethane	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Nitrobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Isophorone	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Nitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4-Dimethylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzoic Acid	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroethoxy)Methane	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
2,4-Dichlorophenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
1,2,4-Trichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Naphthalene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Chloroaniline	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
2,6-Dichlorophenol	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachlorobutadiene	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
4-Chloro-3-Methylphenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
2-Methylnaphthalene	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
1-Methylnaphthalene	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachlorocyclopentadiene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4,6-Trichlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 11:50:00 AM
CLIENT SAMPLE ID	B-27 West 11-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
2,4,5-Trichlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Chloronaphthalene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Nitroaniline	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Acenaphthylene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Dimethylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,6-Dinitrotoluene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Acenaphthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
3-Nitroaniline	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
2,4-Dinitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Nitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Dibenzofuran	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4-Dinitrotoluene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,3,4,6-Tetrachlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Diethylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Fluorene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Chlorophenyl-Phenylether	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Nitroaniline	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
4,6-Dinitro-2-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
N-Nitrosodiphenylamine	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Azobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Bromophenyl-Phenylether	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Hexachlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Pentachlorophenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
Phenanthrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Carbazole	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Di-N-Butylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Butylbenzylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
3,3-Dichlorobenzidine	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Benzo[A]Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Chrysene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Di-N-Octylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[B]Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[K]Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[A]Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA

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ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/13/2023 EV23030039 EV23030039-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 11:50:00 AM
CLIENT SAMPLE ID	B-27 West 11-13ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dibenz[A,H]Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[G,H,I]Perylene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
PCB-1016	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1221	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1232	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1242	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1248	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1254	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1260	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1268	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
Mercury	EPA-7471	**0.042**	0.020	1	MG/KG	03/07/2023	RAL
Arsenic	EPA-6020	**6.4**	0.20	1	MG/KG	03/07/2023	EBS
Barium	EPA-6020	**110**	0.10	1	MG/KG	03/07/2023	EBS
Cadmium	EPA-6020	**0.21**	0.10	1	MG/KG	03/07/2023	EBS
Chromium	EPA-6020	**45**	0.10	1	MG/KG	03/07/2023	EBS
Lead	EPA-6020	**4.8**	0.10	1	MG/KG	03/07/2023	EBS
Selenium	EPA-6020	U	1.0	1	MG/KG	03/07/2023	EBS
Silver	EPA-6020	U	0.10	1	MG/KG	03/07/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**99.0**	03/07/2023	DLC
1,2-Dichloroethane-d4 100X Dilution	EPA-8260	**96.4**	03/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	**104**	03/07/2023	DLC
4-Bromofluorobenzene 100X Dilution	EPA-8260	**99.0**	03/08/2023	DLC
2-Fluorophenol	EPA-8270	**126 SUR09**	03/07/2023	DBA
Phenol-d5	EPA-8270	**104**	03/07/2023	DBA
Nitrobenzene-d5	EPA-8270	**93.9**	03/07/2023	DBA
2-Fluorobiphenyl	EPA-8270	**91.3**	03/07/2023	DBA
2,4,6-Tribromophenol	EPA-8270	**94.7**	03/07/2023	DBA
Terphenyl-d14	EPA-8270	**107**	03/07/2023	DBA
TCMX	EPA-8082	**90.5**	03/07/2023	DBA
DCB	EPA-8082	**84.1**	03/07/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
SUR09 -Surrogate recovery was above the upper control limit. No target analytes were detected in the sample. The high surrogate recovery did not impact the non-detect results for target analytes.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:10:00 PM
CLIENT SAMPLE ID	B-27 East 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloroethene	EPA-8260	**83**	31	1	UG/KG	03/08/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	03/07/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloroethane	EPA-8260	**27**	10	1	UG/KG	03/07/2023	DLC
2-Butanone	EPA-8260	U	50	1	UG/KG	03/07/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	**170**	19	1	UG/KG	03/08/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,1-Trichloroethane	EPA-8260	**19**	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trichloroethene	EPA-8260	**17000**	1700	100	UG/KG	03/08/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	03/07/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:10:00 PM
CLIENT SAMPLE ID	B-27 East 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	03/07/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Pyridine	EPA-8270	U	200	1	UG/KG	03/07/2023	DBA
N-Nitrosodimethylamine	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Phenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Aniline	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroethyl)Ether	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
2-Chlorophenol	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
1,3-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
1,4-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzyl Alcohol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
1,2-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
3&4-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
N-Nitroso-Di-N-Propylamine	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachloroethane	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Nitrobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Isophorone	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Nitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4-Dimethylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzoic Acid	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroethoxy)Methane	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
2,4-Dichlorophenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
1,2,4-Trichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Naphthalene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Chloroaniline	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
2,6-Dichlorophenol	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachlorobutadiene	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
4-Chloro-3-Methylphenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
2-Methylnaphthalene	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
1-Methylnaphthalene	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachlorocyclopentadiene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4,6-Trichlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4,5-Trichlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:10:00 PM
CLIENT SAMPLE ID	B-27 East 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
2-Chloronaphthalene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Nitroaniline	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Acenaphthylene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Dimethylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,6-Dinitrotoluene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Acenaphthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
3-Nitroaniline	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
2,4-Dinitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Nitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Dibenzofuran	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4-Dinitrotoluene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,3,4,6-Tetrachlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Diethylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Fluorene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Chlorophenyl-Phenylether	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Nitroaniline	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
4,6-Dinitro-2-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
N-Nitrosodiphenylamine	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Azobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Bromophenyl-Phenylether	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Hexachlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Pentachlorophenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
Phenanthrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Carbazole	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Di-N-Butylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Butylbenzylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
3,3-Dichlorobenzidine	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Benzo[A]Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Chrysene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Di-N-Octylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[B]Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[K]Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[A]Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:10:00 PM
CLIENT SAMPLE ID	B-27 East 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzo[G,H,I]Perylene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
PCB-1016	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1221	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1232	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1242	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1248	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1254	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1260	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1268	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
Mercury	EPA-7471	**0.040**	0.020	1	MG/KG	03/07/2023	RAL
Arsenic	EPA-6020	**6.6**	0.20	1	MG/KG	03/07/2023	EBS
Barium	EPA-6020	**110**	0.10	1	MG/KG	03/07/2023	EBS
Cadmium	EPA-6020	**0.20**	0.10	1	MG/KG	03/07/2023	EBS
Chromium	EPA-6020	**46**	0.10	1	MG/KG	03/07/2023	EBS
Lead	EPA-6020	**4.7**	0.10	1	MG/KG	03/07/2023	EBS
Selenium	EPA-6020	U	1.0	1	MG/KG	03/07/2023	EBS
Silver	EPA-6020	U	0.10	1	MG/KG	03/07/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**98.4**	03/07/2023	DLC
1,2-Dichloroethane-d4 100X Dilution	EPA-8260	**95.1**	03/08/2023	DLC
1,2-Dichloroethane-d4	EPA-8260	**97.8**	03/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	**105**	03/07/2023	DLC
4-Bromofluorobenzene 100X Dilution	EPA-8260	**99.1**	03/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	**97.6**	03/08/2023	DLC
2-Fluorophenol	EPA-8270	**88.6**	03/07/2023	DBA
Phenol-d5	EPA-8270	**68.3**	03/07/2023	DBA
Nitrobenzene-d5	EPA-8270	**79.2**	03/07/2023	DBA
2-Fluorobiphenyl	EPA-8270	**84.5**	03/07/2023	DBA
2,4,6-Tribromophenol	EPA-8270	**71.0**	03/07/2023	DBA
Terphenyl-d14	EPA-8270	**86.7**	03/07/2023	DBA
TCMX	EPA-8082	**86.4**	03/07/2023	DBA
DCB	EPA-8082	**82.4**	03/07/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:30:00 PM
CLIENT SAMPLE ID	B-27 North 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloroethene	EPA-8260	**93**	36	1	UG/KG	03/08/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	03/07/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloroethane	EPA-8260	**21**	10	1	UG/KG	03/07/2023	DLC
2-Butanone	EPA-8260	U	50	1	UG/KG	03/07/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	**150**	22	1	UG/KG	03/08/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,1-Trichloroethane	EPA-8260	**18**	10	1	UG/KG	03/07/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trichloroethene	EPA-8260	**20000**	200	10	UG/KG	03/08/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	03/07/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:30:00 PM
CLIENT SAMPLE ID	B-27 North 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	03/07/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	03/07/2023	DLC
1,1,1-Trichloroethane (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
Vinyl Chloride (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
cis-1,2-Dichloroethene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
Carbon Tetrachloride (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
1,1-Dichloroethene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
2-Butanone (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
Chloroform (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
1,2-Dichloroethane (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
Benzene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
Trichloroethene (ZHE)	EPA-8260/1311	**0.016**	0.0050	1	MG/L	03/10/2023	DLC
Tetrachloroethylene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
Chlorobenzene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	03/10/2023	DLC
Pyridine	EPA-8270	U	200	1	UG/KG	03/07/2023	DBA
N-Nitrosodimethylamine	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Phenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Aniline	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroethyl)Ether	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
2-Chlorophenol	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
1,3-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
1,4-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzyl Alcohol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
1,2-Dichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
3&4-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
N-Nitroso-Di-N-Propylamine	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachloroethane	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Nitrobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Isophorone	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Nitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4-Dimethylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzoic Acid	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
Bis(2-Chloroethoxy)Methane	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS JOB#:	EV23030039
		ALS SAMPLE#:	EV23030039-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:30:00 PM
CLIENT SAMPLE ID	B-27 North 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
2,4-Dichlorophenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
1,2,4-Trichlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Naphthalene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Chloroaniline	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
2,6-Dichlorophenol	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachlorobutadiene	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
4-Chloro-3-Methylphenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
2-Methylnaphthalene	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
1-Methylnaphthalene	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Hexachlorocyclopentadiene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4,6-Trichlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4,5-Trichlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Chloronaphthalene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2-Nitroaniline	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Acenaphthylene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Dimethylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,6-Dinitrotoluene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Acenaphthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
3-Nitroaniline	EPA-8270	U	1000	1	UG/KG	03/07/2023	DBA
2,4-Dinitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Nitrophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Dibenzofuran	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,4-Dinitrotoluene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
2,3,4,6-Tetrachlorophenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Diethylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Fluorene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Chlorophenyl-Phenylether	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Nitroaniline	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
4,6-Dinitro-2-Methylphenol	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
N-Nitrosodiphenylamine	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Azobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
4-Bromophenyl-Phenylether	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Hexachlorobenzene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Pentachlorophenol	EPA-8270	U	500	1	UG/KG	03/07/2023	DBA
Phenanthrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Carbazole	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Di-N-Butylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/13/2023 EV23030039 EV23030039-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:30:00 PM
CLIENT SAMPLE ID	B-27 North 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Butylbenzylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
3,3-Dichlorobenzidine	EPA-8270	U	250	1	UG/KG	03/07/2023	DBA
Benzo[A]Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Chrysene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Di-N-Octylphthalate	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[B]Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[K]Fluoranthene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[A]Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
Benzo[G,H,I]Perylene	EPA-8270	U	100	1	UG/KG	03/07/2023	DBA
PCB-1016	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1221	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1232	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1242	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1248	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1254	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1260	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
PCB-1268	EPA-8082	U	0.10	1	MG/KG	03/07/2023	DBA
Mercury	EPA-7471	**0.043**	0.020	1	MG/KG	03/07/2023	RAL
Arsenic	EPA-6020	**5.6**	0.20	1	MG/KG	03/07/2023	EBS
Barium	EPA-6020	**110**	0.10	1	MG/KG	03/07/2023	EBS
Cadmium	EPA-6020	**0.20**	0.10	1	MG/KG	03/07/2023	EBS
Chromium	EPA-6020	**47**	0.10	1	MG/KG	03/07/2023	EBS
Lead	EPA-6020	**4.7**	0.10	1	MG/KG	03/07/2023	EBS
Selenium	EPA-6020	U	1.0	1	MG/KG	03/07/2023	EBS
Silver	EPA-6020	U	0.10	1	MG/KG	03/07/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**102**	03/07/2023	DLC
1,2-Dichloroethane-d4 10X Dilution	EPA-8260	**95.2**	03/08/2023	DLC
1,2-Dichloroethane-d4	EPA-8260	**97.9**	03/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	**104**	03/07/2023	DLC
4-Bromofluorobenzene 10X Dilution	EPA-8260	**98.7**	03/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	**97.2**	03/08/2023	DLC
1,2-Dichloroethane-d4	EPA-8260/1311	**102**	03/10/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/13/2023 EV23030039 EV23030039-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	03/06/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	3/6/2023 12:30:00 PM
CLIENT SAMPLE ID	B-27 North 12-14ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
Toluene-d8	EPA-8260/1311	**97.0**	03/10/2023	DLC
4-Bromofluorobenzene	EPA-8260/1311	**99.8**	03/10/2023	DLC
2-Fluorophenol	EPA-8270	**101**	03/07/2023	DBA
Phenol-d5	EPA-8270	**79.6**	03/07/2023	DBA
Nitrobenzene-d5	EPA-8270	**88.8**	03/07/2023	DBA
2-Fluorobiphenyl	EPA-8270	**93.8**	03/07/2023	DBA
2,4,6-Tribromophenol	EPA-8270	**75.4**	03/07/2023	DBA
Terphenyl-d14	EPA-8270	**95.7**	03/07/2023	DBA
TCMX	EPA-8082	**78.3**	03/07/2023	DBA
DCB	EPA-8082	**74.6**	03/07/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS SDG#:	EV23030039
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-030723S - Batch 190553 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Chloromethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Bromomethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Chloroethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Methylene Chloride	EPA-8260	U	UG/KG	20	03/07/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
2-Butanone	EPA-8260	U	UG/KG	50	03/07/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Chloroform	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,1-Dichloropropene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Dibromochloromethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	03/07/2023	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Bromoform	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
2-Chlorotoluene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	03/07/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

DATE: 3/13/2023
ALS SDG#: EV23030039
WDOE ACCREDITATION: C601

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

LABORATORY BLANK RESULTS

MB-030723S - Batch 190553 - Soil by EPA-8260

1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	03/07/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	03/07/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	03/07/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R429906 - Batch R429906 - TCLP Extract by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
1,1,1-Trichloroethane (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
Vinyl Chloride (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
cis-1,2-Dichloroethene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
Carbon Tetrachloride (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
1,1-Dichloroethene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
2-Butanone (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
Chloroform (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
1,2-Dichloroethane (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
Benzene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
Trichloroethene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
Tetrachloroethylene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC
Chlorobenzene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	03/10/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-030723S - Batch 190523 - Soil by EPA-8270

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Pyridine	EPA-8270	U	UG/KG	200	03/07/2023	DBA
N-Nitrosodimethylamine	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Phenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Aniline	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Bis(2-Chloroethyl)Ether	EPA-8270	U	UG/KG	250	03/07/2023	DBA
2-Chlorophenol	EPA-8270	U	UG/KG	250	03/07/2023	DBA
1,3-Dichlorobenzene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
1,4-Dichlorobenzene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Benzyl Alcohol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
1,2-Dichlorobenzene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2-Methylphenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Bis(2-Chloroisopropyl)Ether	EPA-8270	U	UG/KG	250	03/07/2023	DBA
3&4-Methylphenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
N-Nitroso-Di-N-Propylamine	EPA-8270	U	UG/KG	250	03/07/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/13/2023
		ALS SDG#:	EV23030039
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-030723S - Batch 190523 - Soil by EPA-8270

Hexachloroethane	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Nitrobenzene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Isophorone	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2-Nitrophenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2,4-Dimethylphenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Benzoic Acid	EPA-8270	U	UG/KG	1000	03/07/2023	DBA
Bis(2-Chloroethoxy)Methane	EPA-8270	U	UG/KG	250	03/07/2023	DBA
2,4-Dichlorophenol	EPA-8270	U	UG/KG	500	03/07/2023	DBA
1,2,4-Trichlorobenzene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Naphthalene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
4-Chloroaniline	EPA-8270	U	UG/KG	1000	03/07/2023	DBA
2,6-Dichlorophenol	EPA-8270	U	UG/KG	250	03/07/2023	DBA
Hexachlorobutadiene	EPA-8270	U	UG/KG	500	03/07/2023	DBA
4-Chloro-3-Methylphenol	EPA-8270	U	UG/KG	500	03/07/2023	DBA
2-Methylnaphthalene	EPA-8270	U	UG/KG	250	03/07/2023	DBA
1-Methylnaphthalene	EPA-8270	U	UG/KG	250	03/07/2023	DBA
Hexachlorocyclopentadiene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2,4,6-Trichlorophenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2,4,5-Trichlorophenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2-Chloronaphthalene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2-Nitroaniline	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Acenaphthylene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Dimethylphthalate	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2,6-Dinitrotoluene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Acenaphthene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
3-Nitroaniline	EPA-8270	U	UG/KG	1000	03/07/2023	DBA
2,4-Dinitrophenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
4-Nitrophenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Dibenzofuran	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2,4-Dinitrotoluene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
2,3,4,6-Tetrachlorophenol	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Diethylphthalate	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Fluorene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
4-Chlorophenyl-Phenylether	EPA-8270	U	UG/KG	100	03/07/2023	DBA
4-Nitroaniline	EPA-8270	U	UG/KG	250	03/07/2023	DBA
4,6-Dinitro-2-Methylphenol	EPA-8270	U	UG/KG	290	03/07/2023	DBA
N-Nitrosodiphenylamine	EPA-8270	U	UG/KG	500	03/07/2023	DBA
Azobenzene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
4-Bromophenyl-Phenylether	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Hexachlorobenzene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Pentachlorophenol	EPA-8270	U	UG/KG	500	03/07/2023	DBA

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CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-030723S - Batch 190523 - Soil by EPA-8270

Phenanthrene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Anthracene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Carbazole	EPA-8270	U	UG/KG	250	03/07/2023	DBA
Di-N-Butylphthalate	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Fluoranthene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Pyrene	EPA-8270	U	UG/KG	150	03/07/2023	DBA
Butylbenzylphthalate	EPA-8270	U	UG/KG	100	03/07/2023	DBA
3,3-Dichlorobenzidine	EPA-8270	U	UG/KG	250	03/07/2023	DBA
Benzo[A]Anthracene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Chrysene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Bis(2-Ethylhexyl)Phthalate	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Di-N-Octylphthalate	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Benzo[B]Fluoranthene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Benzo[K]Fluoranthene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Benzo[A]Pyrene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270	U	UG/KG	100	03/07/2023	DBA
Benzo[G,H,I]Perylene	EPA-8270	U	UG/KG	100	03/07/2023	DBA

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MB-030723S - Batch 190509 - Soil by EPA-8082

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
PCB-1016	EPA-8082	U	MG/KG	0.10	03/07/2023	DBA
PCB-1221	EPA-8082	U	MG/KG	0.10	03/07/2023	DBA
PCB-1232	EPA-8082	U	MG/KG	0.10	03/07/2023	DBA
PCB-1242	EPA-8082	U	MG/KG	0.10	03/07/2023	DBA
PCB-1248	EPA-8082	U	MG/KG	0.10	03/07/2023	DBA
PCB-1254	EPA-8082	U	MG/KG	0.10	03/07/2023	DBA
PCB-1260	EPA-8082	U	MG/KG	0.10	03/07/2023	DBA
PCB-1268	EPA-8082	U	MG/KG	0.10	03/07/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R429596 - Batch R429596 - Soil by EPA-7471

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Mercury	EPA-7471	U	MG/KG	0.020	03/07/2023	RAL

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		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-030723S - Batch 190500 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Arsenic	EPA-6020	U	MG/KG	0.20	03/07/2023	EBS
Barium	EPA-6020	U	MG/KG	0.12	03/07/2023	EBS
Cadmium	EPA-6020	U	MG/KG	0.10	03/07/2023	EBS
Chromium	EPA-6020	U	MG/KG	0.10	03/07/2023	EBS
Lead	EPA-6020	U	MG/KG	0.10	03/07/2023	EBS
Selenium	EPA-6020	U	MG/KG	1.0	03/07/2023	EBS
Silver	EPA-6020	U	MG/KG	0.10	03/07/2023	EBS

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CLIENT PROJECT: Sunset Commons

DATE: 3/13/2023
ALS SDG#: EV23030039
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 190553 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**100**			50	150	03/07/2023	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**103**	**3**		50	150	03/07/2023	DLC
Chloromethane - BS	EPA-8260	**98.3**			50	150	03/07/2023	DLC
Chloromethane - BSD	EPA-8260	**102**	**4**		50	150	03/07/2023	DLC
Vinyl Chloride - BS	EPA-8260	**93.2**			50	150	03/07/2023	DLC
Vinyl Chloride - BSD	EPA-8260	**97.1**	**4**		50	150	03/07/2023	DLC
Bromomethane - BS	EPA-8260	**96.7**			50	150	03/07/2023	DLC
Bromomethane - BSD	EPA-8260	**99.5**	**3**		50	150	03/07/2023	DLC
Chloroethane - BS	EPA-8260	**100**			50	150	03/07/2023	DLC
Chloroethane - BSD	EPA-8260	**104**	**3**		50	150	03/07/2023	DLC
Carbon Tetrachloride - BS	EPA-8260	**101**			50	150	03/07/2023	DLC
Carbon Tetrachloride - BSD	EPA-8260	**104**	**3**		50	150	03/07/2023	DLC
Trichlorofluoromethane - BS	EPA-8260	**96.9**			50	150	03/07/2023	DLC
Trichlorofluoromethane - BSD	EPA-8260	**100**	**3**		50	150	03/07/2023	DLC
1,1-Dichloroethene - BS	EPA-8260	**102**			70	130	03/07/2023	DLC
1,1-Dichloroethene - BSD	EPA-8260	**105**	**3**		70	130	03/07/2023	DLC
Methylene Chloride - BS	EPA-8260	**98.3**			50	150	03/07/2023	DLC
Methylene Chloride - BSD	EPA-8260	**105**	**7**		50	150	03/07/2023	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**94.9**			50	150	03/07/2023	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**96.9**	**2**		50	150	03/07/2023	DLC
1,1-Dichloroethane - BS	EPA-8260	**102**			50	150	03/07/2023	DLC
1,1-Dichloroethane - BSD	EPA-8260	**106**	**4**		50	150	03/07/2023	DLC
2-Butanone - BS	EPA-8260	**85.9**			50	150	03/07/2023	DLC
2-Butanone - BSD	EPA-8260	**89.4**	**4**		50	150	03/07/2023	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**99.6**			50	150	03/07/2023	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**103**	**3**		50	150	03/07/2023	DLC
2,2-Dichloropropane - BS	EPA-8260	**96.9**			50	150	03/07/2023	DLC
2,2-Dichloropropane - BSD	EPA-8260	**98.9**	**2**		50	150	03/07/2023	DLC
Bromochloromethane - BS	EPA-8260	**103**			50	150	03/07/2023	DLC
Bromochloromethane - BSD	EPA-8260	**106**	**3**		50	150	03/07/2023	DLC
Chloroform - BS	EPA-8260	**97.2**			50	150	03/07/2023	DLC
Chloroform - BSD	EPA-8260	**101**	**4**		50	150	03/07/2023	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**100**			50	150	03/07/2023	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**104**	**4**		50	150	03/07/2023	DLC
1,1-Dichloropropene - BS	EPA-8260	**101**			50	150	03/07/2023	DLC
1,1-Dichloropropene - BSD	EPA-8260	**104**	**3**		50	150	03/07/2023	DLC
1,2-Dichloroethane - BS	EPA-8260	**100**			50	150	03/07/2023	DLC
1,2-Dichloroethane - BSD	EPA-8260	**103**	**2**		50	150	03/07/2023	DLC
1,2-Dichloropropane - BS	EPA-8260	**101**			50	150	03/07/2023	DLC

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CERTIFICATE OF ANALYSIS

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CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 3/13/2023
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WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloropropane - BSD	EPA-8260	**106**	**4**		50	150	03/07/2023	DLC
Dibromomethane - BS	EPA-8260	**105**			50	150	03/07/2023	DLC
Dibromomethane - BSD	EPA-8260	**107**	**2**		50	150	03/07/2023	DLC
Bromodichloromethane - BS	EPA-8260	**102**			50	150	03/07/2023	DLC
Bromodichloromethane - BSD	EPA-8260	**107**	**4**		50	150	03/07/2023	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**104**			50	150	03/07/2023	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**108**	**3**		50	150	03/07/2023	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**104**			50	150	03/07/2023	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**108**	**4**		50	150	03/07/2023	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**102**			50	150	03/07/2023	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**106**	**4**		50	150	03/07/2023	DLC
1,3-Dichloropropane - BS	EPA-8260	**103**			50	150	03/07/2023	DLC
1,3-Dichloropropane - BSD	EPA-8260	**107**	**4**		50	150	03/07/2023	DLC
Tetrachloroethylene - BS	EPA-8260	**101**			50	150	03/07/2023	DLC
Tetrachloroethylene - BSD	EPA-8260	**106**	**5**		50	150	03/07/2023	DLC
Dibromochloromethane - BS	EPA-8260	**95.0**			50	150	03/07/2023	DLC
Dibromochloromethane - BSD	EPA-8260	**98.1**	**3**		50	150	03/07/2023	DLC
1,2-Dibromoethane - BS	EPA-8260	**107**			50	150	03/07/2023	DLC
1,2-Dibromoethane - BSD	EPA-8260	**111**	**4**		50	150	03/07/2023	DLC
Chlorobenzene - BS	EPA-8260	**96.9**			79	128	03/07/2023	DLC
Chlorobenzene - BSD	EPA-8260	**99.7**	**3**		79	128	03/07/2023	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**100**			50	150	03/07/2023	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**105**	**5**		50	150	03/07/2023	DLC
Bromoform - BS	EPA-8260	**94.3**			50	150	03/07/2023	DLC
Bromoform - BSD	EPA-8260	**97.9**	**4**		50	150	03/07/2023	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**105**			50	150	03/07/2023	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**110**	**4**		50	150	03/07/2023	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**105**			50	150	03/07/2023	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**109**	**4**		50	150	03/07/2023	DLC
Bromobenzene - BS	EPA-8260	**100**			50	150	03/07/2023	DLC
Bromobenzene - BSD	EPA-8260	**104**	**3**		50	150	03/07/2023	DLC
2-Chlorotoluene - BS	EPA-8260	**97.7**			50	150	03/07/2023	DLC
2-Chlorotoluene - BSD	EPA-8260	**101**	**3**		50	150	03/07/2023	DLC
4-Chlorotoluene - BS	EPA-8260	**96.4**			50	150	03/07/2023	DLC
4-Chlorotoluene - BSD	EPA-8260	**99.5**	**3**		50	150	03/07/2023	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**95.8**			50	150	03/07/2023	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**98.1**	**2**		50	150	03/07/2023	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**97.0**			50	150	03/07/2023	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**100**	**3**		50	150	03/07/2023	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**96.9**			50	150	03/07/2023	DLC

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WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene - BSD	EPA-8260	**101**	**4**		50	150	03/07/2023	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**108**			50	150	03/07/2023	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**115**	**7**		50	150	03/07/2023	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**96.8**			50	150	03/07/2023	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**113**	**15**		50	150	03/07/2023	DLC
Hexachlorobutadiene - BS	EPA-8260	**100**			50	150	03/07/2023	DLC
Hexachlorobutadiene - BSD	EPA-8260	**106**	**5**		50	150	03/07/2023	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**99.1**			50	150	03/07/2023	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**143**	**37**	SR1	50	150	03/07/2023	DLC

SR1 - RPD outside of control limits.

ALS Test Batch ID: R429906 - TCLP Extract by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene (ZHE) - BS	EPA-8260/1311	**107**			80.2	139	03/10/2023	DLC
1,1-Dichloroethene (ZHE) - BSD	EPA-8260/1311	**100**	**6**		80.2	139	03/10/2023	DLC
Benzene (ZHE) - BS	EPA-8260/1311	**103**			79.2	138	03/10/2023	DLC
Benzene (ZHE) - BSD	EPA-8260/1311	**97.7**	**6**		79.2	138	03/10/2023	DLC
Trichloroethene (ZHE) - BS	EPA-8260/1311	**108**			80	134	03/10/2023	DLC
Trichloroethene (ZHE) - BSD	EPA-8260/1311	**102**	**6**		80	134	03/10/2023	DLC
Chlorobenzene (ZHE) - BS	EPA-8260/1311	**108**			78	130	03/10/2023	DLC
Chlorobenzene (ZHE) - BSD	EPA-8260/1311	**102**	**6**		78	130	03/10/2023	DLC

ALS Test Batch ID: 190523 - Soil by EPA-8270

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Pyridine - BS	EPA-8270	**73.5**			20	150	03/07/2023	DBA
Pyridine - BSD	EPA-8270	**75.5**	**3**		20	150	03/07/2023	DBA
N-Nitrosodimethylamine - BS	EPA-8270	**92.3**			20	150	03/07/2023	DBA
N-Nitrosodimethylamine - BSD	EPA-8270	**92.0**	**0**		20	150	03/07/2023	DBA
Phenol - BS	EPA-8270	**84.4**			36.1	131	03/07/2023	DBA
Phenol - BSD	EPA-8270	**94.0**	**11**		36.1	131	03/07/2023	DBA
Aniline - BS	EPA-8270	**63.5**			20	150	03/07/2023	DBA
Aniline - BSD	EPA-8270	**71.3**	**12**		20	150	03/07/2023	DBA
Bis(2-Chloroethyl)Ether - BS	EPA-8270	**64.8**			20	150	03/07/2023	DBA
Bis(2-Chloroethyl)Ether - BSD	EPA-8270	**72.6**	**11**		20	150	03/07/2023	DBA
2-Chlorophenol - BS	EPA-8270	**88.6**			59.9	111	03/07/2023	DBA
2-Chlorophenol - BSD	EPA-8270	**96.2**	**8**		59.9	111	03/07/2023	DBA
1,3-Dichlorobenzene - BS	EPA-8270	**94.1**			20	150	03/07/2023	DBA
1,3-Dichlorobenzene - BSD	EPA-8270	**94.1**	**0**		20	150	03/07/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 3/13/2023
ALS SDG#: EV23030039
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,4-Dichlorobenzene - BS	EPA-8270	**92.5**			44.3	122	03/07/2023	DBA
1,4-Dichlorobenzene - BSD	EPA-8270	**94.3**	**2**		44.3	122	03/07/2023	DBA
Benzyl Alcohol - BS	EPA-8270	**75.4**			20	150	03/07/2023	DBA
Benzyl Alcohol - BSD	EPA-8270	**84.3**	**11**		20	150	03/07/2023	DBA
1,2-Dichlorobenzene - BS	EPA-8270	**88.6**			20	150	03/07/2023	DBA
1,2-Dichlorobenzene - BSD	EPA-8270	**91.1**	**3**		20	150	03/07/2023	DBA
2-Methylphenol - BS	EPA-8270	**72.8**			20	150	03/07/2023	DBA
2-Methylphenol - BSD	EPA-8270	**82.1**	**12**		20	150	03/07/2023	DBA
Bis(2-Chloroisopropyl)Ether - BS	EPA-8270	**82.2**			20	150	03/07/2023	DBA
Bis(2-Chloroisopropyl)Ether - BSD	EPA-8270	**86.5**	**5**		20	150	03/07/2023	DBA
3&4-Methylphenol - BS	EPA-8270	**74.5**			20	150	03/07/2023	DBA
3&4-Methylphenol - BSD	EPA-8270	**85.0**	**13**		20	150	03/07/2023	DBA
N-Nitroso-Di-N-Propylamine - BS	EPA-8270	**70.9**			31.6	134	03/07/2023	DBA
N-Nitroso-Di-N-Propylamine - BSD	EPA-8270	**77.5**	**9**		31.6	134	03/07/2023	DBA
Hexachloroethane - BS	EPA-8270	**94.6**			20	150	03/07/2023	DBA
Hexachloroethane - BSD	EPA-8270	**94.6**	**0**		20	150	03/07/2023	DBA
Nitrobenzene - BS	EPA-8270	**102**			20	150	03/07/2023	DBA
Nitrobenzene - BSD	EPA-8270	**105**	**3**		20	150	03/07/2023	DBA
Isophorone - BS	EPA-8270	**90.9**			20	150	03/07/2023	DBA
Isophorone - BSD	EPA-8270	**95.1**	**5**		20	150	03/07/2023	DBA
2-Nitrophenol - BS	EPA-8270	**112**			20	150	03/07/2023	DBA
2-Nitrophenol - BSD	EPA-8270	**116**	**4**		20	150	03/07/2023	DBA
2,4-Dimethylphenol - BS	EPA-8270	**78.7**			20	150	03/07/2023	DBA
2,4-Dimethylphenol - BSD	EPA-8270	**97.3**	**21**		20	150	03/07/2023	DBA
Bis(2-Chloroethoxy)Methane - BS	EPA-8270	**98.8**			20	150	03/07/2023	DBA
Bis(2-Chloroethoxy)Methane - BSD	EPA-8270	**106**	**7**		20	150	03/07/2023	DBA
2,4-Dichlorophenol - BS	EPA-8270	**101**			20	150	03/07/2023	DBA
2,4-Dichlorophenol - BSD	EPA-8270	**112**	**10**		20	150	03/07/2023	DBA
1,2,4-Trichlorobenzene - BS	EPA-8270	**108**			44.6	122	03/07/2023	DBA
1,2,4-Trichlorobenzene - BSD	EPA-8270	**109**	**1**		44.6	122	03/07/2023	DBA
Naphthalene - BS	EPA-8270	**104**			20	150	03/07/2023	DBA
Naphthalene - BSD	EPA-8270	**107**	**2**		20	150	03/07/2023	DBA
4-Chloroaniline - BS	EPA-8270	**46.0**			20	150	03/07/2023	DBA
4-Chloroaniline - BSD	EPA-8270	**58.6**	**24**		20	150	03/07/2023	DBA
Hexachlorobutadiene - BS	EPA-8270	**111**			20	150	03/07/2023	DBA
Hexachlorobutadiene - BSD	EPA-8270	**109**	**2**		20	150	03/07/2023	DBA
4-Chloro-3-Methylphenol - BS	EPA-8270	**98.6**			49.2	135	03/07/2023	DBA
4-Chloro-3-Methylphenol - BSD	EPA-8270	**111**	**12**	SR1	49.2	135	03/07/2023	DBA
2-Methylnaphthalene - BS	EPA-8270	**91.8**			20	150	03/07/2023	DBA
2-Methylnaphthalene - BSD	EPA-8270	**97.5**	**6**		20	150	03/07/2023	DBA

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LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1-Methylnaphthalene - BS	EPA-8270	**91.8**			20	150	03/07/2023	DBA
1-Methylnaphthalene - BSD	EPA-8270	**97.6**	**6**		20	150	03/07/2023	DBA
Hexachlorocyclopentadiene - BS	EPA-8270	**96.3**			20	150	03/07/2023	DBA
Hexachlorocyclopentadiene - BSD	EPA-8270	**89.8**	**7**		20	150	03/07/2023	DBA
2,4,6-Trichlorophenol - BS	EPA-8270	**116**			20	150	03/07/2023	DBA
2,4,6-Trichlorophenol - BSD	EPA-8270	**120**	**3**		20	150	03/07/2023	DBA
2,4,5-Trichlorophenol - BS	EPA-8270	**114**			20	150	03/07/2023	DBA
2,4,5-Trichlorophenol - BSD	EPA-8270	**117**	**3**		20	150	03/07/2023	DBA
2-Chloronaphthalene - BS	EPA-8270	**109**			20	150	03/07/2023	DBA
2-Chloronaphthalene - BSD	EPA-8270	**111**	**2**		20	150	03/07/2023	DBA
2-Nitroaniline - BS	EPA-8270	**119**			20	150	03/07/2023	DBA
2-Nitroaniline - BSD	EPA-8270	**121**	**2**		20	150	03/07/2023	DBA
Acenaphthylene - BS	EPA-8270	**107**			20	150	03/07/2023	DBA
Acenaphthylene - BSD	EPA-8270	**112**	**5**		20	150	03/07/2023	DBA
Dimethylphthalate - BS	EPA-8270	**111**			20	150	03/07/2023	DBA
Dimethylphthalate - BSD	EPA-8270	**116**	**4**		20	150	03/07/2023	DBA
2,6-Dinitrotoluene - BS	EPA-8270	**115**			20	150	03/07/2023	DBA
2,6-Dinitrotoluene - BSD	EPA-8270	**120**	**5**		20	150	03/07/2023	DBA
Acenaphthene - BS	EPA-8270	**107**			49.3	117	03/07/2023	DBA
Acenaphthene - BSD	EPA-8270	**112**	**4**		49.3	117	03/07/2023	DBA
3-Nitroaniline - BS	EPA-8270	**77.9**			20	150	03/07/2023	DBA
3-Nitroaniline - BSD	EPA-8270	**93.5**	**18**		20	150	03/07/2023	DBA
2,4-Dinitrophenol - BS	EPA-8270	**66.6**			20	150	03/07/2023	DBA
2,4-Dinitrophenol - BSD	EPA-8270	**55.9**	**17**		20	150	03/07/2023	DBA
4-Nitrophenol - BS	EPA-8270	**98.7**			29.8	137	03/07/2023	DBA
4-Nitrophenol - BSD	EPA-8270	**98.9**	**0**		29.8	137	03/07/2023	DBA
Dibenzofuran - BS	EPA-8270	**108**			20	150	03/07/2023	DBA
Dibenzofuran - BSD	EPA-8270	**113**	**5**		20	150	03/07/2023	DBA
2,4-Dinitrotoluene - BS	EPA-8270	**119**			55.3	130	03/07/2023	DBA
2,4-Dinitrotoluene - BSD	EPA-8270	**125**	**5**		55.3	130	03/07/2023	DBA
2,3,4,6-Tetrachlorophenol - BS	EPA-8270	**99.4**			20	150	03/07/2023	DBA
2,3,4,6-Tetrachlorophenol - BSD	EPA-8270	**104**	**5**		20	150	03/07/2023	DBA
Diethylphthalate - BS	EPA-8270	**109**			20	150	03/07/2023	DBA
Diethylphthalate - BSD	EPA-8270	**115**	**6**		20	150	03/07/2023	DBA
Fluorene - BS	EPA-8270	**110**			20	150	03/07/2023	DBA
Fluorene - BSD	EPA-8270	**116**	**5**		20	150	03/07/2023	DBA
4-Chlorophenyl-Phenylether - BS	EPA-8270	**111**			20	150	03/07/2023	DBA
4-Chlorophenyl-Phenylether - BSD	EPA-8270	**117**	**5**		20	150	03/07/2023	DBA
4-Nitroaniline - BS	EPA-8270	**104**			20	150	03/07/2023	DBA
4-Nitroaniline - BSD	EPA-8270	**108**	**4**		20	150	03/07/2023	DBA

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LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
4,6-Dinitro-2-Methylphenol - BS	EPA-8270	**105**			20	150	03/07/2023	DBA
4,6-Dinitro-2-Methylphenol - BSD	EPA-8270	**102**	**3**		20	150	03/07/2023	DBA
Azobenzene - BS	EPA-8270	**108**			20	150	03/07/2023	DBA
Azobenzene - BSD	EPA-8270	**114**	**6**		20	150	03/07/2023	DBA
4-Bromophenyl-Phenylether - BS	EPA-8270	**109**			20	150	03/07/2023	DBA
4-Bromophenyl-Phenylether - BSD	EPA-8270	**115**	**5**		20	150	03/07/2023	DBA
Hexachlorobenzene - BS	EPA-8270	**108**			20	150	03/07/2023	DBA
Hexachlorobenzene - BSD	EPA-8270	**114**	**6**		20	150	03/07/2023	DBA
Pentachlorophenol - BS	EPA-8270	**82.2**			41.3	113	03/07/2023	DBA
Pentachlorophenol - BSD	EPA-8270	**75.2**	**9**		41.3	113	03/07/2023	DBA
Phenanthrene - BS	EPA-8270	**112**			20	150	03/07/2023	DBA
Phenanthrene - BSD	EPA-8270	**120**	**6**		20	150	03/07/2023	DBA
Anthracene - BS	EPA-8270	**108**			20	150	03/07/2023	DBA
Anthracene - BSD	EPA-8270	**115**	**7**		20	150	03/07/2023	DBA
Carbazole - BS	EPA-8270	**122**			20	150	03/07/2023	DBA
Carbazole - BSD	EPA-8270	**132**	**7**		20	150	03/07/2023	DBA
Di-N-Butylphthalate - BS	EPA-8270	**116**			20	150	03/07/2023	DBA
Di-N-Butylphthalate - BSD	EPA-8270	**121**	**4**		20	150	03/07/2023	DBA
Fluoranthene - BS	EPA-8270	**117**			20	150	03/07/2023	DBA
Fluoranthene - BSD	EPA-8270	**123**	**5**		20	150	03/07/2023	DBA
Pyrene - BS	EPA-8270	**109**			57.4	145	03/07/2023	DBA
Pyrene - BSD	EPA-8270	**114**	**4**		57.4	145	03/07/2023	DBA
Butylbenzylphthalate - BS	EPA-8270	**113**			20	150	03/07/2023	DBA
Butylbenzylphthalate - BSD	EPA-8270	**116**	**3**		20	150	03/07/2023	DBA
Benzo[A]Anthracene - BS	EPA-8270	**110**			20	150	03/07/2023	DBA
Benzo[A]Anthracene - BSD	EPA-8270	**114**	**4**		20	150	03/07/2023	DBA
Chrysene - BS	EPA-8270	**114**			20	150	03/07/2023	DBA
Chrysene - BSD	EPA-8270	**119**	**4**		20	150	03/07/2023	DBA
Bis(2-Ethylhexyl)Phthalate - BS	EPA-8270	**109**			20	150	03/07/2023	DBA
Bis(2-Ethylhexyl)Phthalate - BSD	EPA-8270	**113**	**3**		20	150	03/07/2023	DBA
Di-N-Octylphthalate - BS	EPA-8270	**110**			20	150	03/07/2023	DBA
Di-N-Octylphthalate - BSD	EPA-8270	**113**	**2**		20	150	03/07/2023	DBA
Benzo[B]Fluoranthene - BS	EPA-8270	**109**			20	150	03/07/2023	DBA
Benzo[B]Fluoranthene - BSD	EPA-8270	**116**	**6**		20	150	03/07/2023	DBA
Benzo[K]Fluoranthene - BS	EPA-8270	**117**			20	150	03/07/2023	DBA
Benzo[K]Fluoranthene - BSD	EPA-8270	**121**	**4**		20	150	03/07/2023	DBA
Benzo[A]Pyrene - BS	EPA-8270	**113**			20	150	03/07/2023	DBA
Benzo[A]Pyrene - BSD	EPA-8270	**119**	**5**		20	150	03/07/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270	**132**			20	150	03/07/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270	**136**	**3**		20	150	03/07/2023	DBA

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LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dibenz[A,H]Anthracene - BS	EPA-8270	**124**			20	150	03/07/2023	DBA
Dibenz[A,H]Anthracene - BSD	EPA-8270	**127**	**3**		20	150	03/07/2023	DBA
Benzo[G,H,I]Perylene - BS	EPA-8270	**125**			20	150	03/07/2023	DBA
Benzo[G,H,I]Perylene - BSD	EPA-8270	**129**	**3**		20	150	03/07/2023	DBA

SR1 - RPD outside of control limits.

ALS Test Batch ID: 190509 - Soil by EPA-8082

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
PCB-1016 - BS	EPA-8082	**64.4**			50	150	03/07/2023	DBA
PCB-1016 - BSD	EPA-8082	**61.1**	**5**		50	150	03/07/2023	DBA
PCB-1260 - BS	EPA-8082	**72.2**			50	150	03/07/2023	DBA
PCB-1260 - BSD	EPA-8082	**68.2**	**6**		50	150	03/07/2023	DBA

ALS Test Batch ID: R429596 - Soil by EPA-7471

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Mercury - BS	EPA-7471	**103**			81.8	117	03/07/2023	RAL
Mercury - BSD	EPA-7471	**104**	**1**		81.8	117	03/07/2023	RAL

ALS Test Batch ID: 190500 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Arsenic - BS	EPA-6020	**101**			80	120	03/07/2023	EBS
Arsenic - BSD	EPA-6020	**100**	**1**		80	120	03/07/2023	EBS
Barium - BS	EPA-6020	**101**			80	120	03/07/2023	EBS
Barium - BSD	EPA-6020	**103**	**1**		80	120	03/07/2023	EBS
Cadmium - BS	EPA-6020	**104**			80	120	03/07/2023	EBS
Cadmium - BSD	EPA-6020	**103**	**1**		80	120	03/07/2023	EBS
Chromium - BS	EPA-6020	**97.7**			80	120	03/07/2023	EBS
Chromium - BSD	EPA-6020	**97.5**	**0**		80	120	03/07/2023	EBS
Lead - BS	EPA-6020	**95.7**			80	120	03/07/2023	EBS
Lead - BSD	EPA-6020	**96.6**	**1**		80	120	03/07/2023	EBS
Selenium - BS	EPA-6020	**101**			80	120	03/07/2023	EBS
Selenium - BSD	EPA-6020	**101**	**0**		80	120	03/07/2023	EBS
Silver - BS	EPA-6020	**102**			80	120	03/07/2023	EBS
Silver - BSD	EPA-6020	**102**	**1**		80	120	03/07/2023	EBS

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CERTIFICATE OF ANALYSIS

APPROVED BY



Rob Greer
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER

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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV23030039

Date 3/6/23 Page 1 Of 1

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom Env. Svcs
PROJECT MANAGER: Thom - Harold
ADDRESS: 228 E. Champion #101
Bham, WA 98225
PHONE: 360-752-9571 P.O. #:
E-MAIL: ~~t.thomas@t~~ tlavis@whatcom-es.com
INVOICE TO COMPANY:
ATTENTION: Samet
ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☐	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260 + 2-Butanone	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☒	Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐	RCRA-8 ☒	Pri Pol ☐	TAL ☐	Metals Other (Specify)	TCLP-Metals ☐	VOA ☒	Semi-Vol ☐	Pest ☐	Herbs ☐	OTHER (Specify): (+ cis,1,2-dichloroethene, 1,1,1-TCE	hold extra for possible TCLP						NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. B-27 West 11-13 Ft	3/6/23	1150	Soil	1								X				X		X			X										X							5	
2. B-27 East 12-14 Ft	"	1210	"	2								X				X		X			X										X							5	
3. B-27 North 12-14 Ft	"	1230	"	3								X				X		X			X				☆						X							5	
4.																																							
5.																																							
6.																																							
7.																																							
8.																																							
9.																																							
10.			3/9/23																																				

SPECIAL INSTRUCTIONS ☆ - Added 3/6/23 per Thom Davis email. CN

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: ~~[illegible]~~ WES 3/6/23 @ 1440
   Received By: APREESE, ALS, 03/06/23 @ 1440
2. Relinquished By: _____
   Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: [10] Standard | [5] | [3] | [2] | [1] | [SAME DAY]

Fuels & Hydrocarbon Analysis: [5] Standard | [3] | [1] | [SAME DAY]

OTHER: Specify: ASAP

*Turnaround request less than standard may incur Rush Charges

Libby Environmental, Inc.
3322 South Bay Road NE • Olympia, WA 98506-2957

January 23, 2023

Thom Davis
Whatcom Environmental
228 E. Champion #101
Bellingham, WA 98225

Dear Thom Davis:

Please find enclosed the analytical data report for the Sunset Commons project located in Bellingham, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@gmail.com

Libby Environmental, Inc. Chain of Custody Record

L23A041

www.LibbyEnvironmental.com

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Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 1-11-23 Page: 1 of 1

Client: Whatcom Env.
Project Manager: Thom / Harold
Address: 228 E. Champion #101
Project Name: Sunset Commons
City: B'ham State: WA Zip: 98225
Location: 512 E Sunset City, State: B'ham, WA
Phone: Fax:
Collector: Thom Davis Date of Collection: 1-11-23
Client Project # Sunset Commons
Email: tdavis@whatcom-es.com + Aimee

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 – Chlor	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals			Field Notes
1	B-34 7.5-8ft		1050	Soil		X	X	X			X									
2	B-34 12.5-13 ft		1055			X	X	X			X									
3	B-34 19-19.5ft		1110			X	X	X			X									
4	B-35 7.5-8 ft		1230			X	X	X			X									
5	B-35 12.5-13ft		1235			X	X	X			X									
6	B-35 19-19.5ft		1245			X	X	X			X									
7	B-36 7.5-8 ft		1410			X	X	X			X									
8	B-36 12.5-13 ft		1415			X	X	X			X									
9	B-36 19-19.5 ft		1425			X	X	X			X									
10	B-37 7.5-8ft		1520			X	X	X			X									
11	B-37 12.5 ~~13~~ 9 ft		1530			X	X	X			X									
12	B-37 19-19.5 ft		1535			X	X	X			X									
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
	1/11/23 @ 1545		1/11/23 1545
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks: Mobile Lab

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a cout of law.*

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A041

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	B-34 7.5-8 ft	B-34 12.5-13 ft	B-34 19-19.5 ft	B-34 19-19.5 ft Dup	B-35 7.5-8 ft
Date Sampled	Reporting	N/A	1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023
Date Analyzed	Limits	1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Chloroform	0.03	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.03	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.03	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	123	122	122	124	121	118
1,2-Dichloroethane-d4	17-212	125	118	124	115	117	111
Toluene-d8	41-142	101	105	103	106	107	107
4-Bromofluorobenzene	47-167	87	102	90	90	87	107

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A041

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-35 12.5-13 ft	B-35 19-19.5 ft	B-36 7.5-8 ft	B-36 12.5-13 ft	B-36 19-19.5 ft	B-37 7.5-8 ft
Date Sampled	Reporting	1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023
Date Analyzed	Limits	1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Chloroform	0.03	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.03	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	1.3	nd	0.030	1.7	nd	0.038
1,2-Dichloropropane	0.03	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	118	119	123	118	108	118
1,2-Dichloroethane-d4	17-212	112	118	117	111	90	106
Toluene-d8	41-142	104	103	97	95	93	93
4-Bromofluorobenzene	47-167	88	87	89	90	87	88

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A041

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-37 12.5-13 ft	B-37 12.5-13 ft Dup	B-37 19-19.5 ft
Date Sampled	Reporting	1/11/2023	1/11/2023	1/11/2023
Date Analyzed	Limits	1/11/2023	1/11/2023	1/11/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd
Chloroethane	0.06	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	nd
Chloroform	0.03	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.03	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd
1,1-Dichloropropene	0.03	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd
Trichloroethene (TCE)	0.02	0.054	0.034	nd
1,2-Dichloropropane	0.03	nd	nd	nd
cis-1,3-Dichloropropene	0.03	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd
2-Chlorotoluene	0.04	nd	nd	nd
4-Chlorotoluene	0.04	nd	nd	nd
1,3-Dichlorobenzene	0.04	nd	nd	nd
1,4-Dichlorobenzene	0.04	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)			
Dibromofluoromethane	27-188	122	124	120
1,2-Dichloroethane-d4	17-212	127	119	114
Toluene-d8	41-142	96	98	100
4-Bromofluorobenzene	47-167	95	90	110

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A041

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-34 19-19.5 ft

Date Analyzed: 1/11/2023

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Recovery Limits (%)	Data Flag
Chloromethane	0.25	0.30	0.29	118	116	2.3	10-226	
Vinyl chloride	0.25	0.28	0.28	113	112	1.1	10-208	
Chloroethane	0.25	0.35	0.37	141	149	5.5	10-245	
1,1-Dichloroethene	0.25	0.30	0.24	118	95	21.8	50-187	
trans -1,2-Dichloroethene	0.25	0.29	0.20	117	80	37.2	38-175	R
1,1-Dichloroethane	0.25	0.27	0.25	108	99	8.9	67-164	
2,2-Dichloropropane	0.25	0.33	0.28	132	111	17.4	75-162	
cis -1,2-Dichloroethene	0.25	0.22	0.18	89	72	20.9	33-166	
Chloroform	0.25	0.30	0.29	118	116	1.4	18-225	
1,1,1-Trichloroethane (TCA)	0.25	0.38	0.30	150	121	21.8	73-162	
Carbon tetrachloride	0.25	0.32	0.31	126	124	1.6	70-175	
1,1-Dichloropropene	0.25	0.20	0.17	78	67	15.5	55-121	
1,2-Dichloroethane (EDC)	0.25	0.28	0.24	111	95	15.9	66-147	
Trichloroethene (TCE)	0.25	0.22	0.23	89	92	3.5	71-126	
1,2-Dichloropropane	0.25	0.22	0.23	87	92	5.4	55-146	
cis-1,3-Dichloropropene	0.25	0.17	0.18	69	72	4.0	32-130	
Trans-1,3-Dichloropropene	0.25	0.19	0.17	76	68	10.0	51-115	
1,1,2-Trichloroethane	0.25	0.35	0.28	142	111	24.4	61-157	
Tetrachloroethene (PCE)	0.25	0.22	0.25	87	102	15.7	45-166	
2-Chlorotoluene	0.25	0.20	0.21	81	84	4.2	53-138	
4-Chlorotoluene	0.25	0.20	0.21	81	84	2.9	51-132	
1,3-Dichlorobenzene	0.25	0.25	0.26	99	102	2.8	68-143	
1,4-Dichlorobenzene	0.25	0.26	0.27	104	106	2.3	71-140	
1,2-Dichlorobenzene	0.25	0.22	0.22	88	86	1.8	60-138	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	117	110	27-188
1,2-Dichloroethane-d4	118	104	17-212
Toluene-d8	96	106	41-142
4-Bromofluorobenzene	105	100	47-167

ACCEPTABLE RPD IS 35%
"R" High relative percent difference observed.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A041

Laboratory Control Sample

Date Analyzed: 1/11/2023

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	Recovery Limits (%)	Data Flag
Chloromethane	0.25	0.39	155	10-229	
Vinyl chloride	0.25	0.38	152	15-226	
Chloroethane	0.25	0.64	256	26-324	
1,1-Dichloroethene	0.25	0.34	136	38-193	
trans -1,2-Dichloroethene	0.25	0.34	134	53-156	
1,1-Dichloroethane	0.25	0.36	144	68-169	
2,2-Dichloropropane	0.25	0.35	140	50-196	
cis -1,2-Dichloroethene	0.25	0.21	82	10-219	
Chloroform	0.25	0.31	126	47-192	
1,1,1-Trichloroethane (TCA)	0.25	0.34	136	67-173	
Carbon tetrachloride	0.25	0.37	147	69-170	
1,1-Dichloropropene	0.25	0.17	69	61-113	
1,2-Dichloroethane (EDC)	0.25	0.31	122	67-138	
Trichloroethene (TCE)	0.25	0.26	103	67-121	
1,2-Dichloropropane	0.25	0.25	102	51-140	
cis-1,3-Dichloropropene	0.25	0.17	70	56-105	
Trans-1,3-Dichloropropene	0.25	0.23	92	63-109	
1,1,2-Trichloroethane	0.25	0.37	147	65-152	
Tetrachloroethene (PCE)	0.25	0.28	111	46-159	
2-Chlorotoluene	0.25	0.22	87	67-120	
4-Chlorotoluene	0.25	0.22	89	65-116	
1,3-Dichlorobenzene	0.25	0.28	110	75-133	
1,4-Dichlorobenzene	0.25	0.29	117	83-128	
1,2-Dichlorobenzene	0.25	0.25	101	73-129	
Surrogate Recovery					
Dibromofluoromethane			114	27-188	
1,2-Dichloroethane-d4			118	17-212	
Toluene-d8			102	41-142	
4-Bromofluorobenzene			111	47-167	

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Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A041

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Soil

Sample Description		Method Blank	B-34 7.5-8 ft	B-34 12.5-13 ft	B-34 19-19.5 ft	B-34 19-19.5 ft Dup	B-35 7.5-8 ft
Date Sampled		N/A	1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023
Date Analyzed	PQL	1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.10	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd	nd	nd	nd
Gasoline	10	nd	nd	nd	nd	nd	nd
Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	123	122	122	124	121	118
1,2-Dichloroethane-d4	17-212	125	118	124	115	117	111
Toluene-d8	41-142	101	105	103	106	107	107
4-Bromofluorobenzene	47-167	87	102	90	90	87	107

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A041

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Soil

Sample Description		B-35 12.5-13 ft	B-35 19-19.5 ft	B-36 7.5-8 ft	B-36 12.5-13 ft	B-36 19-19.5 ft	B-37 7.5-8 ft
Date Sampled		1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023
Date Analyzed	PQL	1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.10	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd	nd	nd	nd
Gasoline	10	nd	nd	nd	nd	nd	nd
Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	118	119	123	118	108	118
1,2-Dichloroethane-d4	17-212	112	118	117	111	90	106
Toluene-d8	41-142	104	103	97	95	93	93
4-Bromofluorobenzene	47-167	88	87	89	90	87	88

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A041

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Soil

Sample Description		B-37 12.5-13 ft	B-37 12.5-13 ft Dup	B-37 19-19.5 ft
Date Sampled		1/11/2023	1/11/2023	1/11/2023
Date Analyzed	PQL (mg/kg)	1/11/2023 (mg/kg)	1/11/2023 (mg/kg)	1/11/2023 (mg/kg)
Benzene	0.02	nd	nd	nd
Toluene	0.10	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd
Gasoline	10	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)			
Dibromofluoromethane	27-188	122	124	120
1,2-Dichloroethane-d4	17-212	127	119	114
Toluene-d8	41-142	96	98	100
4-Bromofluorobenzene	47-167	95	90	110

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A041

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-34 19-19.5 ft
Date Analyzed: 1/11/2023

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Recovery Limits (%)	Data Flag
Benzene	0.25	0.24	0.22	94	88	7.0	65-126	
Toluene	0.25	0.44	0.26	176	102	52.7	65-126	R, S
Ethylbenzene	0.25	0.23	0.23	91	93	2.2	55-140	
Total Xylenes	0.75	0.60	0.61	80	81	1.8	43-149	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	114	110	27-188
1,2-Dichloroethane-d4	118	104	17-212
Toluene-d8	102	106	41-142
4-Bromofluorobenzene	111	100	47-167

ACCEPTABLE RPD IS 35%
"R" High relative percent difference observed.
"S" Spike compound recovery is outside acceptance limits.

ANALYSES PERFORMED BY: Paul Burke

Laboratory Control Sample

Date Analyzed: 1/11/2023

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	Recovery Limits (%)	Data Flag
Benzene	0.25	0.23	93	65-118	
Toluene	0.25	0.28	112	68-125	
Ethylbenzene	0.25	0.27	108	49-144	
Total Xylenes	0.75	0.69	93	38-140	

Surrogate Recovery		
Dibromofluoromethane	114	27-188
1,2-Dichloroethane-d4	118	17-212
Toluene-d8	102	41-142
4-Bromofluorobenzene	111	47-167

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A041

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	1/11/2023	100	nd	nd
B-34 7.5-8 ft	1/11/2023	104	nd	nd
B-34 12.5-13 ft	1/11/2023	103	nd	nd
B-34 19-19.5 ft	1/11/2023	94	nd	nd
B-34 19-19.5 ft Dup	1/11/2023	97	nd	nd
B-35 7.5-8 ft	1/11/2023	102	nd	nd
B-35 12.5-13 ft	1/11/2023	105	nd	nd
B-35 19-19.5 ft	1/11/2023	107	nd	nd
B-36 7.5-8 ft	1/11/2023	105	nd	nd
B-36 12.5-13 ft	1/11/2023	118	nd	nd
B-36 19-19.5 ft	1/11/2023	105	nd	nd
B-36 19-19.5 ft Dup	1/11/2023	121	nd	nd
B-37 7.5-8 ft	1/11/2023	108	nd	nd
B-37 12.5-13 ft	1/11/2023	109	nd	nd
B-37 19-19.5 ft	1/11/2023	97	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.
3322 South Bay Road NE • Olympia, WA 98506-2957

January 26, 2023

Thom Davis
Whatcom Environmental
228 E. Champion #101
Bellingham, WA 98225

Dear Thom Davis:

Please find enclosed the analytical data report for the Sunset Commons project located in Bellingham, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@gmail.com

L23A044

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 1/12/23 Page: 1 of 1

Client: Whatcon Env
Project Manager: Thom / Harold
Address: 228 E Champion #101
Project Name: Sunset Commons
City: Bellingham State: WA Zip 98225
Location: 512 E Sunset City, State: B'ham, WA
Phone: Fax:
Collector: Thom Davis Date of Collection: 1-12-23
Client Project # Sunset Commons
Email: tdavis & Aimee

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 - Chloro	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1 B-38 7.5-8 ft		1025	Soil	2 VOAs, 1 Jar	X		X	X		X									
2 B-38 12.5-13 ft		1030			X		X	X		X									
3 B-38 19-19.5 ft		1035			X		X	X		X									
4 B-39 8-8.5 ft		1110			X		X	X		X									
5 B-39 12.5-13 ft		1115			X		X	X		X									
6 B-39 19-19.5 ft		1120			X		X	X		X									
7 B-40 7.5-8 ft		1245			X		X	X		X									
8 B-40 12.5-13 ft		1250			X		X	X		X									
9 B-40 19-19.5 ft		1255			X		X	X		X									
10 B-41 7.5-8 ft		1340			X		X	X		X									
11 B-41 12.5-13 ft		1345			X		X	X		X									
12 B-41 19-19.5 ft		1350			X		X	X		X									
13																			
14																			
15																			
16																			
17																			

Relinquished by:	Date / Time	Received by:	Date / Time
	1/12/23 1533		1/12/23 1533
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks: Mobile Lab

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

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SUNSET COMMONS PROJECT
Whatcom Environmental
Bellingham, Washington
Libby Project # L23A044

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	B-38 7.5-8 ft	B-38 12.5-13 ft	B-38 19-19.5 ft	B-38 19-19.5 ft Dup	B-39 8-8.5 ft
Date Sampled	Reporting	N/A	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023
Date Analyzed	Limits	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Chloroform	0.03	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.03	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	0.10	0.33	nd	nd	nd
1,2-Dichloropropane	0.03	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	120	123	122	120	113	118
1,2-Dichloroethane-d4	17-212	119	119	113	122	105	113
Toluene-d8	41-142	98	102	105	102	102	96
4-Bromofluorobenzene	47-167	82	101	99	80	90	84

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental
Bellingham, Washington
Libby Project # L23A044

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-39 12.5-13 ft	B-39 19-19.5 ft	B-40 7.5-8 ft	B-40 12.5-13 ft	B-40 19-19.5 ft	B-41 7.5-8 ft
Date Sampled	Reporting	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023
Date Analyzed	Limits	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Chloroform	0.03	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.03	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	0.081
1,2-Dichloropropane	0.03	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	120	119	117	118	122	128
1,2-Dichloroethane-d4	17-212	119	123	95	110	117	126
Toluene-d8	41-142	98	97	95	98	99	98
4-Bromofluorobenzene	47-167	82	85	72	105	87	84

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental
Bellingham, Washington
Libby Project # L23A044

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-41 12.5-13 ft	B-41 19-19.5 ft	B-41 19-19.5 ft Dup
Date Sampled	Reporting	1/12/2023	1/12/2023	1/12/2023
Date Analyzed	Limits	1/12/2023	1/12/2023	1/12/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd
Chloroethane	0.06	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	nd
Chloroform	0.03	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.03	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd
1,1-Dichloropropene	0.03	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd
Trichloroethene (TCE)	0.02	0.11	nd	nd
1,2-Dichloropropane	0.03	nd	nd	nd
cis-1,3-Dichloropropene	0.03	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd
2-Chlorotoluene	0.04	nd	nd	nd
4-Chlorotoluene	0.04	nd	nd	nd
1,3-Dichlorobenzene	0.04	nd	nd	nd
1,4-Dichlorobenzene	0.04	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)			
Dibromofluoromethane	27-188	125	124	120
1,2-Dichloroethane-d4	17-212	127	128	111
Toluene-d8	41-142	98	97	97
4-Bromofluorobenzene	47-167	97	81	83

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental
Bellingham, Washington
Libby Project # L23A044

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-38 19-19.5 ft

Date Analyzed: 1/12/2023

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Recovery Limits (%)	Data Flag
Chloromethane	0.25	0.26	0.28	105	114	7.7	10-226	
Vinyl chloride	0.25	0.27	0.25	108	100	8.1	10-208	
Chloroethane	0.25	0.32	0.35	127	141	10.7	10-245	
1,1-Dichloroethene	0.25	0.31	0.33	124	133	6.9	50-187	
trans -1,2-Dichloroethene	0.25	0.31	0.33	122	133	8.5	38-175	
1,1-Dichloroethane	0.25	0.25	0.33	100	132	27.2	67-164	
2,2-Dichloropropane	0.25	0.31	0.32	125	127	1.3	75-162	
cis -1,2-Dichloroethene	0.25	0.13	0.20	52	78	40.0	33-166	
Chloroform	0.25	0.30	0.30	120	120	0.3	18-225	
1,1,1-Trichloroethane (TCA)	0.25	0.31	0.33	125	133	6.2	73-162	
Carbon tetrachloride	0.25	0.33	0.35	133	142	6.4	70-175	
1,1-Dichloropropene	0.25	0.16	0.16	64	65	1.2	55-121	
1,2-Dichloroethane (EDC)	0.25	0.25	0.26	101	106	4.7	66-147	
Trichloroethene (TCE)	0.25	0.24	0.25	95	100	5.3	71-126	
1,2-Dichloropropane	0.25	0.21	0.24	85	94	9.8	55-146	
cis-1,3-Dichloropropene	0.25	0.17	0.18	66	70	5.8	32-130	
Trans-1,3-Dichloropropene	0.25	0.18	0.20	72	82	11.9	51-115	
1,1,2-Trichloroethane	0.25	0.27	0.32	107	130	19.3	61-157	
Tetrachloroethene (PCE)	0.25	0.23	0.27	94	108	14.7	45-166	
2-Chlorotoluene	0.25	0.23	0.22	94	87	7.5	53-138	
4-Chlorotoluene	0.25	0.23	0.21	93	86	8.5	51-132	
1,3-Dichlorobenzene	0.25	0.26	0.27	105	109	3.7	68-143	
1,4-Dichlorobenzene	0.25	0.27	0.28	106	113	6.6	71-140	
1,2-Dichlorobenzene	0.25	0.24	0.23	95	93	2.6	60-138	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	109	113	27-188
1,2-Dichloroethane-d4	107	112	17-212
Toluene-d8	103	102	41-142
4-Bromofluorobenzene	107	109	47-167

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental
Bellingham, Washington
Libby Project # L23A044

Laboratory Control Sample

Date Analyzed: 1/12/2023

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	Recovery Limits (%)	Data Flag
Chloromethane	0.25	0.28	112	10-229	
Vinyl chloride	0.25	0.30	119	15-226	
Chloroethane	0.25	0.57	229	26-324	
1,1-Dichloroethene	0.25	0.31	124	38-193	
trans -1,2-Dichloroethene	0.25	0.30	120	53-156	
1,1-Dichloroethane	0.25	0.33	134	68-169	
2,2-Dichloropropane	0.25	0.32	127	50-196	
cis -1,2-Dichloroethene	0.25	0.17	68	10-219	
Chloroform	0.25	0.29	117	47-192	
1,1,1-Trichloroethane (TCA)	0.25	0.33	133	67-173	
Carbon tetrachloride	0.25	0.35	140	69-170	
1,1-Dichloropropene	0.25	0.15	58	61-113	S
1,2-Dichloroethane (EDC)	0.25	0.27	108	67-138	
Trichloroethene (TCE)	0.25	0.25	100	67-121	
1,2-Dichloropropane	0.25	0.22	90	51-140	
cis-1,3-Dichloropropene	0.25	0.18	72	56-105	
Trans-1,3-Dichloropropene	0.25	0.21	85	63-109	
1,1,2-Trichloroethane	0.25	0.34	137	65-152	
Tetrachloroethene (PCE)	0.25	0.28	110	46-159	
2-Chlorotoluene	0.25	0.21	84	67-120	
4-Chlorotoluene	0.25	0.21	83	65-116	
1,3-Dichlorobenzene	0.25	0.26	105	75-133	
1,4-Dichlorobenzene	0.25	0.28	111	83-128	
1,2-Dichlorobenzene	0.25	0.24	96	73-129	
Surrogate Recovery					
Dibromofluoromethane			112	27-188	
1,2-Dichloroethane-d4			116	17-212	
Toluene-d8			103	41-142	
4-Bromofluorobenzene			106	47-167	

"S" Spike recovery outside accepted recovery limits.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental
Bellingham, Washington
Libby Project # L23A044

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Soil

Sample Description		Method Blank	B-38 7.5-8 ft	B-38 12.5-13 ft	B-38 19-19.5 ft	B-38 19-19.5 ft Dup	B-39 8-8.5 ft
Date Sampled		N/A	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023
Date Analyzed	PQL	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.10	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd	nd	nd	nd
Gasoline	10	nd	nd	nd	nd	nd	nd
Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	120	123	122	120	113	118
1,2-Dichloroethane-d4	17-212	119	119	113	122	105	113
Toluene-d8	41-142	98	102	105	102	102	96
4-Bromofluorobenzene	47-167	82	101	99	80	90	84

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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SUNSET COMMONS PROJECT
Whatcom Environmental
Bellingham, Washington
Libby Project # L23A044

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Soil

Sample Description		B-39 12.5-13 ft	B-39 19-19.5 ft	B-40 7.5-8 ft	B-40 12.5-13 ft	B-40 19-19.5 ft	B-41 7.5-8 ft
Date Sampled		1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023
Date Analyzed	PQL	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.10	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd	nd	nd	nd
Gasoline	10	nd	nd	nd	nd	nd	nd
Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	117	119	117	118	122	128
1,2-Dichloroethane-d4	17-212	113	123	95	110	117	126
Toluene-d8	41-142	97	97	95	98	99	98
4-Bromofluorobenzene	47-167	83	85	72	105	87	84

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

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SUNSET COMMONS PROJECT
Whatcom Environmental
Bellingham, Washington
Libby Project # L23A044

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Soil

Sample Description		B-41 12.5-13 ft	B-41 19-19.5 ft	B-41 19-19.5 ft Dup
Date Sampled		1/12/2023	1/12/2023	1/12/2023
Date Analyzed	PQL (mg/kg)	1/12/2023 (mg/kg)	1/12/2023 (mg/kg)	1/12/2023 (mg/kg)
Benzene	0.02	nd	nd	nd
Toluene	0.10	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd
Gasoline	10	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)			
Dibromofluoromethane	27-188	125	124	120
1,2-Dichloroethane-d4	17-212	127	128	111
Toluene-d8	41-142	98	97	97
4-Bromofluorobenzene	47-167	97	81	83

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental
Bellingham, Washington
Libby Project # L23A044

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-38 19-19.5 ft

Date Analyzed: 1/12/2023

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Recovery Limits (%)	Data Flag
Benzene	0.25	0.22	0.23	89	91	2.7	65-126	
Toluene	0.25	0.26	0.27	104	106	2.3	65-126	
Ethylbenzene	0.25	0.24	0.25	98	101	3.2	55-140	
Total Xylenes	0.75	0.68	0.69	91	92	1.2	43-149	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	109	113	27-188
1,2-Dichloroethane-d4	107	112	17-212
Toluene-d8	103	102	41-142
4-Bromofluorobenzene	107	109	47-167

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Laboratory Control Sample

Date Analyzed: 1/12/2023

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	Recovery Limits (%)	Data Flag
Benzene	0.25	0.21	84	65-118	
Toluene	0.25	0.27	107	68-125	
Ethylbenzene	0.25	0.27	106	49-144	
Total Xylenes	0.75	0.67	89	38-140	

Surrogate Recovery		
Dibromofluoromethane	112	27-188
1,2-Dichloroethane-d4	116	17-212
Toluene-d8	103	41-142
4-Bromofluorobenzene	106	47-167

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental
Bellingham, Washington
Libby Project # L23A044

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	1/12/2023	111	nd	nd
B-38 7.5-8 ft	1/12/2023	114	nd	nd
B-38 12.5-13 ft	1/12/2023	114	nd	nd
B-38 19-19.5 ft	1/12/2023	111	nd	nd
B-38 19-19.5 ft Dup	1/12/2023	111	nd	nd
B-39 8-8.5 ft	1/12/2023	107	nd	nd
B-39 12.5-13 ft	1/12/2023	111	nd	nd
B-39 19-19.5 ft	1/12/2023	112	nd	nd
B-40 7.5-8 ft	1/12/2023	112	nd	nd
B-40 12.5-13 ft	1/12/2023	116	nd	nd
B-40 19-19.5 ft	1/12/2023	119	nd	nd
B-41 7.5-8 ft	1/12/2023	90	nd	nd
B-41 12.5-13 ft	1/12/2023	104	nd	nd
B-41 19-19.5 ft	1/12/2023	103	nd	nd
B-41 19-19.5 ft Dup	1/12/2023	107	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.
3322 South Bay Road NE • Olympia, WA 98506-2957

January 26, 2023

Thom Davis
Whatcom Environmental
228 E. Champion #101
Bellingham, WA 98225

Dear Thom Davis:

Please find enclosed the analytical data report for the Sunset Commons project located in Bellingham, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@gmail.com

Libby Environmental, Inc. L23A046 Chain of Custody Record

www.LibbyEnvironmental.com

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Date: 1/13/23 Page: 1 of 1

Client: Whatcom Env. Project Manager: Thom / Harold

Address: Project Name: Sunset Commons

City: State: Zip: Location: 512 E Sunset Bellingham City, State: WA

Phone: Fax: Collector: Thom Davis Date of Collection: 1-12-23 & 1-13-23

Client Project # Email:

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 Chloro	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	cPAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	Field Notes
1 B-42 7.5-8 Ft	on	1445	Soil	2 Vocs, 1 Jar	X	X	X		X								Collected 1/12/23
2 B-42 12.5-13 Ft	Sample	1450			X	X	X		X								
3 B-42 19-19.5 Ft	Name	1455			X	X	X		X								
4 B-43 7.5-8 Ft		945			X	X	X		X								Collected 1/13/23
5 B-43 12.5-13 Ft		950			X	X	X		X								
6 B-43 19-19.5 Ft		955			X	X	X		X								
7 B-44 7.5-8 Ft		1050			X	X	X		X								
8 B-44 12.5-13 Ft		1055			X	X	X		X								
9 B-44 19-19.5 Ft		1100			X	X	X		X								
10 B-45 7.5-8-13 Ft		1220			X	X	X		X								
11 B-45 12.5-13		1225			X	X	X		X								
12 B-45 19-19.5 Ft		1230			X	X	X		X								
13 B-46 7.5-8 Ft		1425			X	X	X		X								
14 B-46 12.5-13 Ft		1430			X	X	X		X								
15 B-46 19-19.5 Ft		1435			X	X	X		X								
16 B-47 7.5-8 Ft		1515			X	X	X		X								
17 B-47 12.5-13 Ft		1520			X	X	X		X								

Relinquished by:	Date / Time	Received by:	Date / Time
	1/13/23 1543		1/12/23 1533
Relinquished by:	Date / Time	Received by:	Date / Time
	1/13/23 1543		1/13/23 1529
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - File, Pink - Originator

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A046

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	B-42 7.5-8 ft	B-42 12.5-13 ft	B-42 19-19.5 ft	B-42 19-19.5 ft Dup	B-43 7.5-8 ft
Date Sampled	Reporting	N/A	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/13/2023
Date Analyzed	Limits	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Chloroform	0.03	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.03	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	0.27	0.23	nd	nd	nd
1,2-Dichloropropane	0.03	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	127	123	127	120	122	123
1,2-Dichloroethane-d4	17-212	124	123	117	108	114	122
Toluene-d8	41-142	96	98	100	96	95	96
4-Bromofluorobenzene	47-167	83	86	93	87	82	85

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A046

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-43 12.5-13 ft	B-43 19-19.5 ft	B-44 7.5-8 ft	B-44 12.5-13 ft	B-44 19-19.5 ft	B-45 7.5-8 ft
Date Sampled	Reporting	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023
Date Analyzed	Limits	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Chloroform	0.03	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.03	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.03	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	124	127	122	124	127	129
1,2-Dichloroethane-d4	17-212	119	120	118	120	124	125
Toluene-d8	41-142	95	99	95	96	97	96
4-Bromofluorobenzene	47-167	82	92	85	107	89	86

"nd" Indicates not detected at listed detection limit.
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Bellingham, Washington
Libby Project # L23A046

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-45 12.5-13 ft	B-45 19-19.5 ft	B-45 19-19.5 ft Dup	B-46 7.5-8 ft	B-46 12.5-13 ft	B-46 19-19.5 ft
Date Sampled	Reporting	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023
Date Analyzed	Limits	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Chloroform	0.03	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.03	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	0.027	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.03	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	125	128	123	123	127	119
1,2-Dichloroethane-d4	17-212	119	119	116	110	126	114
Toluene-d8	41-142	95	96	100	96	93	92
4-Bromofluorobenzene	47-167	95	88	113	98	86	92

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A046

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-47 7.5-8 ft	B-47 12.5-13 ft
Date Sampled	Reporting	1/13/2023	1/13/2023
Date Analyzed	Limits	1/13/2023	1/13/2023
	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd
Vinyl chloride	0.02	nd	nd
Chloroethane	0.06	nd	nd
1,1-Dichloroethene	0.05	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd
1,1-Dichloroethane	0.03	nd	nd
2,2-Dichloropropane	0.05	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd
Chloroform	0.03	nd	nd
1,1,1-Trichloroethane (TCA)	0.03	nd	nd
Carbon tetrachloride	0.03	nd	nd
1,1-Dichloropropene	0.03	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd
Trichloroethene (TCE)	0.02	nd	nd
1,2-Dichloropropane	0.03	nd	nd
cis-1,3-Dichloropropene	0.03	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd
2-Chlorotoluene	0.04	nd	nd
4-Chlorotoluene	0.04	nd	nd
1,3-Dichlorobenzene	0.04	nd	nd
1,4-Dichlorobenzene	0.04	nd	nd

Surrogate Recovery	Acceptable Limits (%)		
Dibromofluoromethane	27-188	126	126
1,2-Dichloroethane-d4	17-212	125	128
Toluene-d8	41-142	97	103
4-Bromofluorobenzene	47-167	99	93

"nd" Indicates not detected at listed detection limit.
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Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A046

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-42 19-19.5 ft

Date Analyzed: 1/13/2023

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Recovery Limits (%)	Data Flag
Chloromethane	0.25	0.26	0.27	102	108	5.3	10-226	
Vinyl chloride	0.25	0.26	0.28	102	110	7.9	10-208	
Chloroethane	0.25	0.39	0.36	156	144	7.7	10-245	
1,1-Dichloroethene	0.25	0.36	0.33	144	134	7.5	50-187	
trans-1,2-Dichloroethene	0.25	0.34	0.32	137	130	5.4	38-175	
1,1-Dichloroethane	0.25	0.28	0.30	114	121	6.1	67-164	
2,2-Dichloropropane	0.25	0.35	0.34	140	135	3.8	75-162	
cis-1,2-Dichloroethene	0.25	0.20	0.20	79	78	1.5	33-166	
Chloroform	0.25	0.33	0.31	132	124	6.6	18-225	
1,1,1-Trichloroethane (TCA)	0.25	0.36	0.34	143	135	5.8	73-162	
Carbon tetrachloride	0.25	0.37	0.36	146	144	1.9	70-175	
1,1-Dichloropropene	0.25	0.17	0.17	67	69	2.4	55-121	
1,2-Dichloroethane (EDC)	0.25	0.28	0.28	113	113	0.0	66-147	
Trichloroethene (TCE)	0.25	0.27	0.27	106	107	0.4	71-126	
1,2-Dichloropropane	0.25	0.25	0.24	102	97	4.4	55-146	
cis-1,3-Dichloropropene	0.25	0.19	0.18	76	71	6.0	32-130	
Trans-1,3-Dichloropropene	0.25	0.20	0.23	81	90	10.7	51-115	
1,1,2-Trichloroethane	0.25	0.33	0.36	133	142	6.7	61-157	
Tetrachloroethene (PCE)	0.25	0.22	0.28	89	110	20.9	45-166	
2-Chlorotoluene	0.25	0.25	0.22	100	86	14.6	53-138	
4-Chlorotoluene	0.25	0.24	0.22	98	87	11.7	51-132	
1,3-Dichlorobenzene	0.25	0.30	0.28	120	114	5.1	68-143	
1,4-Dichlorobenzene	0.25	0.28	0.28	111	112	0.4	71-140	
1,2-Dichlorobenzene	0.25	0.28	0.23	110	90	19.9	60-138	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	119	115	27-188
1,2-Dichloroethane-d4	113	114	17-212
Toluene-d8	103	99	41-142
4-Bromofluorobenzene	112	109	47-167

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A046

Laboratory Control Sample

Date Analyzed: 1/13/2023

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	Recovery Limits (%)	Data Flag
Chloromethane	0.25	0.25	100	10-229	
Vinyl chloride	0.25	0.28	114	15-226	
Chloroethane	0.25	0.58	234	26-324	
1,1-Dichloroethene	0.25	0.31	125	38-193	
trans -1,2-Dichloroethene	0.25	0.30	121	53-156	
1,1-Dichloroethane	0.25	0.35	140	68-169	
2,2-Dichloropropane	0.25	0.32	129	50-196	
cis -1,2-Dichloroethene	0.25	0.18	70	10-219	
Chloroform	0.25	0.30	121	47-192	
1,1,1-Trichloroethane (TCA)	0.25	0.34	136	67-173	
Carbon tetrachloride	0.25	0.36	146	69-170	
1,1-Dichloropropene	0.25	0.15	60	61-113	S
1,2-Dichloroethane (EDC)	0.25	0.29	114	67-138	
Trichloroethene (TCE)	0.25	0.25	99	67-121	
1,2-Dichloropropane	0.25	0.23	90	51-140	
cis-1,3-Dichloropropene	0.25	0.16	65	56-105	
Trans-1,3-Dichloropropene	0.25	0.22	86	63-109	
1,1,2-Trichloroethane	0.25	0.36	144	65-152	
Tetrachloroethene (PCE)	0.25	0.26	104	46-159	
2-Chlorotoluene	0.25	0.21	83	67-120	
4-Chlorotoluene	0.25	0.20	82	65-116	
1,3-Dichlorobenzene	0.25	0.27	110	75-133	
1,4-Dichlorobenzene	0.25	0.28	112	83-128	
1,2-Dichlorobenzene	0.25	0.24	95	73-129	

Surrogate Recovery		
Dibromofluoromethane	117	27-188
1,2-Dichloroethane-d4	115	17-212
Toluene-d8	99	41-142
4-Bromofluorobenzene	113	47-167

"S" Spike recovery outside accepted recovery limits.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A046

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Soil

Sample Description		Method Blank	B-42 7.5-8 ft	B-42 12.5-13 ft	B-42 19-19.5 ft	B-42 19-19.5 ft Dup	B-43 7.5-8 ft
Date Sampled		N/A	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/13/2023
Date Analyzed	PQL (mg/kg)	1/13/2023 (mg/kg)	1/13/2023 (mg/kg)	1/13/2023 (mg/kg)	1/13/2023 (mg/kg)	1/13/2023 (mg/kg)	1/13/2023 (mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.10	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd	nd	nd	nd
Gasoline	10	nd	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	127	123	127	120	122	123
1,2-Dichloroethane-d4	17-212	124	123	117	108	114	122
Toluene-d8	41-142	96	98	100	96	95	96
4-Bromofluorobenzene	47-167	83	86	93	87	82	85

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A046

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Soil

Sample Description		B-43 12.5-13 ft	B-43 19-19.5 ft	B-44 7.5-8 ft	B-44 12.5-13 ft	B-44 19-19.5 ft	B-45 7.5-8 ft
Date Sampled		1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023
Date Analyzed	PQL (mg/kg)	1/13/2023 (mg/kg)	1/13/2023 (mg/kg)	1/13/2023 (mg/kg)	1/13/2023 (mg/kg)	1/13/2023 (mg/kg)	1/13/2023 (mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.10	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd	nd	nd	nd
Gasoline	10	nd	nd	nd	nd	nd	nd
Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	124	127	122	124	127	129
1,2-Dichloroethane-d4	17-212	119	120	118	120	124	125
Toluene-d8	41-142	95	99	95	96	97	96
4-Bromofluorobenzene	47-167	82	92	85	107	89	86

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A046

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Soil

Sample Description		B-45 12.5-13 ft	B-45 19-19.5 ft	B-45 19-19.5 ft Dup	B-46 7.5-8 ft	B-46 12.5-13 ft	B-46 19-19.5 ft
Date Sampled		1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023
Date Analyzed	PQL (mg/kg)	1/13/2023 (mg/kg)	1/13/2023 (mg/kg)	1/13/2023 (mg/kg)	1/13/2023 (mg/kg)	1/13/2023 (mg/kg)	1/13/2023 (mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.10	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd	nd	nd	nd
Gasoline	10	nd	nd	nd	nd	nd	nd
Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	125	128	123	123	127	119
1,2-Dichloroethane-d4	17-212	119	119	116	110	126	114
Toluene-d8	41-142	95	96	100	96	93	92
4-Bromofluorobenzene	47-167	95	88	113	98	86	92

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A046

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Soil

Sample Description		B-47 7.5-8 ft	B-47 12.5-13 ft
Date Sampled		1/13/2023	1/13/2023
Date Analyzed	PQL (mg/kg)	1/13/2023 (mg/kg)	1/13/2023 (mg/kg)
Benzene	0.02	nd	nd
Toluene	0.10	nd	nd
Ethylbenzene	0.05	nd	nd
Total Xylenes	0.15	nd	nd
Gasoline	10	nd	nd

Surrogate Recovery	Acceptable Limits (%)		
Dibromofluoromethane	27-188	126	126
1,2-Dichloroethane-d4	17-212	125	128
Toluene-d8	41-142	97	103
4-Bromofluorobenzene	47-167	99	93

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A046

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-42 19-19.5 ft
Date Analyzed: 1/13/2023

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Recovery Limits (%)	Data Flag
Benzene	0.25	0.24	0.24	95	94	0.4	65-126	
Toluene	0.25	0.28	0.28	114	111	2.5	65-126	
Ethylbenzene	0.25	0.26	0.26	104	104	0.4	55-140	
Total Xylenes	0.75	0.72	0.68	96	90	5.7	43-149	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	119	115	27-188
1,2-Dichloroethane-d4	113	114	17-212
Toluene-d8	103	99	41-142
4-Bromofluorobenzene	112	109	47-167

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Laboratory Control Sample

Date Analyzed: 1/13/2023

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	Recovery Limits (%)	Data Flag
Benzene	0.25	0.21	84	65-118	
Toluene	0.25	0.22	88	68-125	
Ethylbenzene	0.25	0.25	102	49-144	
Total Xylenes	0.75	0.67	89	38-140	

Surrogate Recovery		
Dibromofluoromethane	117	27-188
1,2-Dichloroethane-d4	115	17-212
Toluene-d8	99	41-142
4-Bromofluorobenzene	113	47-167

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A046

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	1/13/2023	105	nd	nd
B-42 7.5-8 ft	1/13/2023	116	nd	nd
B-42 12.5-13 ft	1/13/2023	91	nd	nd
B-42 19-19.5 ft	1/13/2023	89	nd	nd
B-43 7.5-8 ft	1/13/2023	101	nd	nd
B-43 7.5-8 ft Dup	1/13/2023	107	nd	nd
B-43 12.5-13 ft	1/13/2023	94	nd	nd
B-43 19-19.5 ft	1/13/2023	103	nd	nd
B-44 7.5-8 ft	1/13/2023	106	nd	nd
B-44 12.5-13 ft	1/13/2023	102	nd	nd
B-44 19-19.5 ft	1/13/2023	101	nd	nd
B-45 7.5-8 ft	1/13/2023	103	nd	nd
B-45 12.5-13 ft	1/13/2023	95	nd	nd
B-45 19-19.5 ft	1/13/2023	106	nd	nd
B-45 19-19.5 ft Dup	1/13/2023	105	nd	nd
B-46 7.5-8 ft	1/13/2023	93	nd	nd
B-46 12.5-13 ft	1/13/2023	102	nd	nd
B-46 19-19.5 ft	1/13/2023	109	nd	nd
B-47 7.5-8 ft	1/13/2023	90	nd	nd
B-47 12.5-13 ft	1/13/2023	84	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.
3322 South Bay Road NE • Olympia, WA 98506-2957

January 26, 2023

Thom Davis
Whatcom Environmental
228 E. Champion #101
Bellingham, WA 98225

Dear Thom Davis:

Please find enclosed the analytical data report for the Sunset Commons project located in Bellingham, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@gmail.com

Libby Environmental, Inc. L23A054 Chain of Custody Record

www.LibbyEnvironmental.com

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Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 1/16/23 Page: 1 of 1

Client: Whatcom Env.
Project Manager: Thom Davis / Harold
Address:
Project Name: Sunset Commons
City: State: Zip:
Location: Sunset · 512 E City, State: Bellingham, WA
Phone: Fax:
Collector: Thom Davis Date of Collection: 1/13/23 2
1/16/23
Client Project #
Email: thom ; Aimee

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 chlor	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	Field Notes
(1) B-47 19-19.5 Ft	on	1525	Soil	2 Voas / Jar	X		X	X	X								Collected 1/13/23
2 B-48 7.5-8 Ft	sample	9:20	↓	↓	X		X	X	X								Collected 1/16/23
3 B-48 12.5-13 Ft	Name	9:25			X		X	X	X								↓
4 B-48 19-19.5 Ft		9:30			X		X	X	X								
5 B-49 7.5-8 Ft		10:00			X		X	X	X								
6 B-49 12.5-13 Ft		10:05			X		X	X	X								
7 B-49 19-19.5 Ft		1010			X		X	X	X								
8 B-50 12.5-13 Ft		1110			X		X	X	X								
9 B-50 19-19.5 Ft		1115			X		X	X	X								
10 B-51 12.5-13 Ft		1230			X		X	X	X								
(11) B-51 19-19.5 Ft		1235			X		X	X	X								
12 B52 12.5-13 Ft		1330	↓	↓	X		X	X	X								↓
13																	
14																	
15																	
16																	
17																	

Relinquished by:	Date / Time	Received by:	Date / Time
WEG	1/13/23 1545	Paul Bundy	1/13/23 1530
	1-16/23 2pm	Paul Bundy	1/16/23 1400

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A054

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	B-47 19-19.5 ft	B-47 19-19.5 ft Dup	B-48 7.5-8 ft	B-48 12.5-13 ft	B-48 19-19.5 ft
Date Sampled	Reporting	N/A	1/13/2023	1/13/2023	1/16/2023	1/16/2023	1/16/2023
Date Analyzed	Limits	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Chloroform	0.03	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.03	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.03	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	117	122	121	121	121	116
1,2-Dichloroethane-d4	17-212	104	11	114	114	116	110
Toluene-d8	41-142	92	101	100	99	98	97
4-Bromofluorobenzene	47-167	80	89	81	85	88	103

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A054

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-49 7.5-8 ft	B-49 12.5-13 ft	B-49 19-19.5 ft	B-50 12.5-13 ft	B-50 19-19.5 ft	B-51 12.5-13 ft
Date Sampled	Reporting	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023
Date Analyzed	Limits	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Chloroform	0.03	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.03	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	0.034	nd	nd	nd	nd
1,2-Dichloropropane	0.03	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	121	119	118	120	123	120
1,2-Dichloroethane-d4	17-212	113	113	116	118	125	113
Toluene-d8	41-142	102	99	101	102	103	100
4-Bromofluorobenzene	47-167	81	79	79	83	82	80

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A054

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-51 19-19.5 ft	B-51 19-19.5 ft Dup	B-52 12.5-13 ft
Date Sampled	Reporting	1/16/2023	1/16/2023	1/16/2023
Date Analyzed	Limits	1/16/2023	1/16/2023	1/16/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd
Chloroethane	0.06	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	nd
Chloroform	0.03	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.03	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd
1,1-Dichloropropene	0.03	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd
1,2-Dichloropropane	0.03	nd	nd	nd
cis-1,3-Dichloropropene	0.03	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd
2-Chlorotoluene	0.04	nd	nd	nd
4-Chlorotoluene	0.04	nd	nd	nd
1,3-Dichlorobenzene	0.04	nd	nd	nd
1,4-Dichlorobenzene	0.04	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)			
Dibromofluoromethane	27-188	121	122	118
1,2-Dichloroethane-d4	17-212	126	119	119
Toluene-d8	41-142	100	101	100
4-Bromofluorobenzene	47-167	76	83	79

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A054

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-47 19-19.5 ft

Date Analyzed: 1/16/2023

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Recovery Limits (%)	Data Flag
Chloromethane	0.25	0.24	0.25	95	100	5.3	10-226	
Vinyl chloride	0.25	0.22	0.24	88	96	8.7	10-208	
Chloroethane	0.25	0.36	0.29	143	114	22.4	10-245	
1,1-Dichloroethene	0.25	0.31	0.32	123	126	2.9	50-187	
trans-1,2-Dichloroethene	0.25	0.32	0.31	126	124	1.6	38-175	
1,1-Dichloroethane	0.25	0.25	0.25	102	100	1.6	67-164	
2,2-Dichloropropane	0.25	0.32	0.32	126	129	2.5	75-162	
cis-1,2-Dichloroethene	0.25	0.17	0.17	68	69	1.7	33-166	
Chloroform	0.25	0.32	0.34	130	138	6.0	18-225	
1,1,1-Trichloroethane (TCA)	0.25	0.34	0.33	137	131	4.5	73-162	
Carbon tetrachloride	0.25	0.35	0.35	139	138	0.6	70-175	
1,1-Dichloropropene	0.25	0.16	0.17	64	66	3.1	55-121	
1,2-Dichloroethane (EDC)	0.25	0.23	0.26	93	103	10.2	66-147	
Trichloroethene (TCE)	0.25	0.26	0.25	102	101	1.6	71-126	
1,2-Dichloropropane	0.25	0.20	0.22	81	87	6.7	55-146	
cis-1,3-Dichloropropene	0.25	0.15	0.17	61	66	8.2	32-130	
Trans-1,3-Dichloropropene	0.25	0.18	0.20	71	79	10.1	51-115	
1,1,2-Trichloroethane	0.25	0.27	0.32	109	127	15.2	61-157	
Tetrachloroethene (PCE)	0.25	0.28	0.27	111	108	2.2	45-166	
2-Chlorotoluene	0.25	0.22	0.22	86	88	2.3	53-138	
4-Chlorotoluene	0.25	0.21	0.22	85	87	2.3	51-132	
1,3-Dichlorobenzene	0.25	0.27	0.27	106	108	1.9	68-143	
1,4-Dichlorobenzene	0.25	0.28	0.28	112	110	1.4	71-140	
1,2-Dichlorobenzene	0.25	0.22	0.23	90	91	1.3	60-138	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	114	115	27-188
1,2-Dichloroethane-d4	97	111	17-212
Toluene-d8	104	103	41-142
4-Bromofluorobenzene	100	103	47-167

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A054

Laboratory Control Sample

Date Analyzed: 1/16/2023

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	Recovery Limits (%)	Data Flag
Chloromethane	0.25	0.25	99	10-229	
Vinyl chloride	0.25	0.27	109	15-226	
Chloroethane	0.25	0.58	234	26-324	
1,1-Dichloroethene	0.25	0.31	122	38-193	
trans-1,2-Dichloroethene	0.25	0.31	125	53-156	
1,1-Dichloroethane	0.25	0.25	98	68-169	
2,2-Dichloropropane	0.25	0.32	127	50-196	
cis-1,2-Dichloroethene	0.25	0.18	71	10-219	
Chloroform	0.25	0.30	120	47-192	
1,1,1-Trichloroethane (TCA)	0.25	0.33	132	67-173	
Carbon tetrachloride	0.25	0.35	142	69-170	
1,1-Dichloropropene	0.25	0.17	68	61-113	
1,2-Dichloroethane (EDC)	0.25	0.24	95	67-138	
Trichloroethene (TCE)	0.25	0.26	104	67-121	
1,2-Dichloropropane	0.25	0.21	84	51-140	
cis-1,3-Dichloropropene	0.25	0.15	60	56-105	
Trans-1,3-Dichloropropene	0.25	0.20	80	63-109	
1,1,2-Trichloroethane	0.25	0.31	122	65-152	
Tetrachloroethene (PCE)	0.25	0.30	121	46-159	
2-Chlorotoluene	0.25	0.23	94	67-120	
4-Chlorotoluene	0.25	0.23	93	65-116	
1,3-Dichlorobenzene	0.25	0.28	112	75-133	
1,4-Dichlorobenzene	0.25	0.29	116	83-128	
1,2-Dichlorobenzene	0.25	0.24	97	73-129	

Surrogate Recovery		
Dibromofluoromethane	114	27-188
1,2-Dichloroethane-d4	99	17-212
Toluene-d8	97	41-142
4-Bromofluorobenzene	107	47-167

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
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Bellingham, Washington
Libby Project # L23A054

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Soil

Sample Description		Method Blank	B-47 19-19.5 ft	B-47 19-19.5 ft Dup	B-48 7.5-8 ft	B-48 12.5-13 ft	B-48 19-19.5 ft
Date Sampled		N/A	1/13/2023	1/13/2023	1/16/2023	1/16/2023	1/16/2023
Date Analyzed	PQL (mg/kg)	1/16/2023 (mg/kg)	1/16/2023 (mg/kg)	1/16/2023 (mg/kg)	1/16/2023 (mg/kg)	1/16/2023 (mg/kg)	1/16/2023 (mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.10	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd	nd	nd	nd
Gasoline	10	nd	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	117	122	121	121	121	116
1,2-Dichloroethane-d4	17-212	104	11	114	114	116	110
Toluene-d8	41-142	92	101	100	99	98	97
4-Bromofluorobenzene	47-167	80	89	81	85	88	103

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A054

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Soil

Sample Description		B-49 7.5-8 ft	B-49 12.5-13 ft	B-49 19-19.5 ft	B-50 12.5-13 ft	B-50 19-19.5 ft	B-51 12.5-13 ft
Date Sampled		1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023
Date Analyzed	PQL (mg/kg)	1/16/2023 (mg/kg)	1/16/2023 (mg/kg)	1/16/2023 (mg/kg)	1/16/2023 (mg/kg)	1/16/2023 (mg/kg)	1/16/2023 (mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.10	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd	nd	nd	nd
Gasoline	10	nd	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	121	119	118	120	123	120
1,2-Dichloroethane-d4	17-212	113	113	116	118	125	113
Toluene-d8	41-142	102	99	101	102	103	100
4-Bromofluorobenzene	47-167	81	79	79	83	82	80

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A054

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Soil

Sample Description		B-51 19-19.5 ft	B-51 19-19.5 ft Dup	B-52 12.5-13 ft
Date Sampled		1/16/2023	1/16/2023	1/16/2023
Date Analyzed	PQL (mg/kg)	1/16/2023 (mg/kg)	1/16/2023 (mg/kg)	1/16/2023 (mg/kg)
Benzene	0.02	nd	nd	nd
Toluene	0.10	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd
Gasoline	10	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)			
Dibromofluoromethane	27-188	121	122	118
1,2-Dichloroethane-d4	17-212	126	119	119
Toluene-d8	41-142	100	101	100
4-Bromofluorobenzene	47-167	76	83	79

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A054

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-47 19-19.5 ft
Date Analyzed: 1/16/2023

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Recovery Limits (%)	Data Flag
Benzene	0.25	0.22	0.23	88	91	3.6	65-126	
Toluene	0.25	0.26	0.46	106	182	53.3	65-126	S, R
Ethylbenzene	0.25	0.26	0.26	103	102	0.8	55-140	
Total Xylenes	0.75	0.71	0.69	94	93	1.7	43-149	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	114	115	27-188
1,2-Dichloroethane-d4	97	111	17-212
Toluene-d8	104	103	41-142
4-Bromofluorobenzene	100	103	47-167

ACCEPTABLE RPD IS 35%
"R" High relative percent difference observed.
"S" Spike recovery outside accepted recovery limits.

ANALYSES PERFORMED BY: Paul Burke

Laboratory Control Sample

Date Analyzed: 1/16/2023

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	Recovery Limits (%)	Data Flag
Benzene	0.25	0.22	90	65-118	
Toluene	0.25	0.26	103	68-125	
Ethylbenzene	0.25	0.62	248	49-144	
Total Xylenes	0.75	0.71	95	38-140	

Surrogate Recovery		
Dibromofluoromethane	114	27-188
1,2-Dichloroethane-d4	99	17-212
Toluene-d8	97	41-142
4-Bromofluorobenzene	107	47-167

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A054

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	1/16/2023	96	nd	nd
B-47 19-19.5 ft	1/16/2023	97	nd	nd
B-47 19-19.5 ft Dup	1/16/2023	130	nd	nd
B-48 7.5-8 ft	1/16/2023	68	nd	nd
B-48 12.5-13 ft	1/16/2023	93	nd	nd
B-48 19-19.5 ft	1/16/2023	100	nd	nd
B-49 7.5-8 ft	1/16/2023	90	nd	nd
B-49 12.5-13 ft	1/16/2023	114	nd	nd
B-49 19-19.5 ft	1/16/2023	93	nd	nd
B-50 12.5-13 ft	1/16/2023	127	nd	nd
B-50 19-19.5 ft	1/16/2023	125	nd	nd
B-51 12.5-13 ft	1/16/2023	96	nd	nd
B-51 19-19.5 ft	1/16/2023	87	nd	nd
B-51 19-19.5 ft Dup	1/16/2023	113	nd	nd
B-52 12.5-13 ft	1/16/2023	95	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.
3322 South Bay Road NE • Olympia, WA 98506-2957

January 26, 2023

Thom Davis
Whatcom Environmental
228 E. Champion #101
Bellingham, WA 98225

Dear Thom Davis:

Please find enclosed the analytical data report for the Sunset Commons project located in Bellingham, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@gmail.com

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

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Fax: 360-352-4154

~~23~~ ~~LA054~~ L23A063

Date: 1/17/23 Page: 1 of 1

Client: Whatcom Env. Project Manager: Thom / Harold

Address: Project Name: Sunset Commons

City: State: Zip: Location: City, State:

Phone: Fax: Collector: Thom Davis Date of Collection: 1/16/23 & 1/17/23

Client Project # Email:

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 chloro	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	Field Notes
1	B-52 7.5-8 Ft		1325	Soil	2 Voas, 1 Jar	X		X	X		X							Collected 1/16/23
2	B-52 14.5-15 Ft		1335			X		X	X		X							
3	B-53 7.5-8 Ft		935			X		X	X		X							Collected 1/17/23
4	B-53 12.5-13 Ft		940			X		X	X		X							
5	B-53 19-19.5 Ft		945			X		X	X		X							
6	B-54 7.5-8 Ft		1040			X		X	X		X							
7	B-54 12.5-13 Ft		1045			X		X	X		X							
8	B-54 19-19.5 Ft		1050			X		X	X		X							
9	B-55 8.5-9 Ft		1140			X		X	X		X							
10	B-55 12.5-13 Ft		1145			X		X	X		X							
11	B-55 19-19.5 Ft		1150			X		X	X		X							
12	B-56 7.5-8 Ft		1320			X		X	X		X							
13	B-56 12.5-13 Ft		1325			X		X	X		X							
14	B-56 19-19.5 Ft		1330			X		X	X		X							
15								X	X									
16																		
17																		

Relinquished by:	Date / Time	Received by:	Date / Time
	1-16/23 2pm		1/16/23 1400
	1-17-23@ 1435		1/17/23 1435

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A063

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	B-52 7.5-8 ft	B-52 14.5-15 ft	B-52 14.5-15 ft Dup	B-53 7.5-8 ft	B-53 12.5-13 ft
Date Sampled	Reporting	N/A	1/16/2023	1/16/2023	1/16/2023	1/17/2023	1/17/2023
Date Analyzed	Limits	1/17/2023	1/17/2023	1/17/2023	1/17/2023	1/17/2023	1/17/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Chloroform	0.03	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.03	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.03	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	118	117	118	127	120	119
1,2-Dichloroethane-d4	17-212	108	108	112	107	106	106
Toluene-d8	41-142	92	94	97	98	98	95
4-Bromofluorobenzene	47-167	86	80	79	83	84	86

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A063

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-53 19-19.5 ft	B-54 7.5-8 ft	B-54 12.5-13 ft	B-54 19-19.5 ft	B-55 8.5-9 ft	B-55 12.5-13 ft
Date Sampled	Reporting	1/17/2023	1/17/2023	1/17/2023	1/17/2023	1/17/2023	1/17/2023
Date Analyzed	Limits	1/17/2023	1/17/2023	1/17/2023	1/17/2023	1/17/2023	1/17/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Chloroform	0.03	nd	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.03	nd	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.03	nd	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd	nd	nd
2-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
4-Chlorotoluene	0.04	nd	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.04	nd	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	125	125	125	123	128	122
1,2-Dichloroethane-d4	17-212	116	118	118	116	124	107
Toluene-d8	41-142	99	98	98	101	98	99
4-Bromofluorobenzene	47-167	87	83	86	105	91	82

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A063

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-55 19-19.5 ft	B-55 19-19.5 ft Dup	B-56 7.5-8 ft	B-56 12.5-13 ft	B-56 19-19.5 ft
Date Sampled	Reporting	1/17/2023	1/17/2023	1/17/2023	1/17/2023	1/17/2023
Date Analyzed	Limits	1/17/2023	1/17/2023	1/17/2023	1/17/2023	1/17/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Chloromethane	0.06	nd	nd	nd	nd	nd
Vinyl chloride	0.02	nd	nd	nd	nd	nd
Chloroethane	0.06	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.03	nd	nd	nd	nd	nd
2,2-Dichloropropane	0.05	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd
Chloroform	0.03	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.03	nd	nd	nd	nd	nd
Carbon tetrachloride	0.03	nd	nd	nd	nd	nd
1,1-Dichloropropene	0.03	nd	nd	nd	nd	nd
1,2-Dichloroethane (EDC)	0.03	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd
1,2-Dichloropropane	0.03	nd	nd	nd	nd	nd
cis-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd
Trans-1,3-Dichloropropene	0.03	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.03	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd	nd
2-Chlorotoluene	0.04	nd	nd	nd	nd	nd
4-Chlorotoluene	0.04	nd	nd	nd	nd	nd
1,3-Dichlorobenzene	0.04	nd	nd	nd	nd	nd
1,4-Dichlorobenzene	0.04	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)					
Dibromofluoromethane	27-188	125	124	126	121	127
1,2-Dichloroethane-d4	17-212	118	126	115	106	121
Toluene-d8	41-142	99	100	99	100	104
4-Bromofluorobenzene	47-167	87	86	88	89	108

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A063

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-52 14.5-15 ft

Date Analyzed: 1/17/2023

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Recovery Limits (%)	Data Flag
Chloromethane	0.25	0.16	0.24	65	96	39.2	10-226	
Vinyl chloride	0.25	0.22	0.26	89	105	16.1	10-208	
Chloroethane	0.25	0.38	0.36	152	146	4.6	10-245	
1,1-Dichloroethene	0.25	0.30	0.32	119	130	8.4	50-187	
trans-1,2-Dichloroethene	0.25	0.21	0.33	84	132	43.7	38-175	
1,1-Dichloroethane	0.25	0.25	0.27	99	107	7.8	67-164	
2,2-Dichloropropane	0.25	0.33	0.34	133	136	1.8	75-162	
cis-1,2-Dichloroethene	0.25	0.18	0.18	70	72	2.2	33-166	
Chloroform	0.25	0.33	0.32	131	128	2.2	18-225	
1,1,1-Trichloroethane (TCA)	0.25	0.34	0.34	135	137	1.8	73-162	
Carbon tetrachloride	0.25	0.34	0.36	136	145	6.2	70-175	
1,1-Dichloropropene	0.25	0.17	0.16	68	64	6.0	55-121	
1,2-Dichloroethane (EDC)	0.25	0.24	0.24	95	96	1.3	66-147	
Trichloroethene (TCE)	0.25	0.27	0.27	106	106	0.4	71-126	
1,2-Dichloropropane	0.25	0.25	0.22	101	87	14.6	55-146	
cis-1,3-Dichloropropene	0.25	0.16	0.17	63	67	5.5	32-130	
Trans-1,3-Dichloropropene	0.25	0.18	0.17	72	66	8.6	51-115	
1,1,2-Trichloroethane	0.25	0.28	0.27	112	108	4.0	61-157	
Tetrachloroethene (PCE)	0.25	0.27	0.26	107	102	5.0	45-166	
2-Chlorotoluene	0.25	0.25	0.24	98	98	0.8	53-138	
4-Chlorotoluene	0.25	0.24	0.28	96	112	15.7	51-132	
1,3-Dichlorobenzene	0.25	0.29	0.29	116	117	1.0	68-143	
1,4-Dichlorobenzene	0.25	0.27	0.28	110	110	0.7	71-140	
1,2-Dichlorobenzene	0.25	0.22	0.25	89	100	11.5	60-138	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	112	116	27-188
1,2-Dichloroethane-d4	100	102	17-212
Toluene-d8	100	102	41-142
4-Bromofluorobenzene	104	110	47-167

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A063

Laboratory Control Sample

Date Analyzed: 1/17/2023

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	Recovery Limits (%)	Data Flag
Chloromethane	0.25	0.23	91	10-229	
Vinyl chloride	0.25	0.24	98	15-226	
Chloroethane	0.25	0.44	175	26-324	
1,1-Dichloroethene	0.25	0.28	114	38-193	
trans-1,2-Dichloroethene	0.25	0.23	90	53-156	
1,1-Dichloroethane	0.25	0.24	96	68-169	
2,2-Dichloropropane	0.25	0.31	124	50-196	
cis-1,2-Dichloroethene	0.25	0.18	72	10-219	
Chloroform	0.25	0.28	112	47-192	
1,1,1-Trichloroethane (TCA)	0.25	0.32	127	67-173	
Carbon tetrachloride	0.25	0.33	132	69-170	
1,1-Dichloropropene	0.25	0.169	100	61-113	
1,2-Dichloroethane (EDC)	0.25	0.25	104	67-138	
Trichloroethene (TCE)	0.25	0.26	104	67-121	
1,2-Dichloropropane	0.25	0.22	87	51-140	
cis-1,3-Dichloropropene	0.25	0.16	62	56-105	
Trans-1,3-Dichloropropene	0.25	0.21	84	63-109	
1,1,2-Trichloroethane	0.25	0.32	130	65-152	
Tetrachloroethene (PCE)	0.25	0.29	117	46-159	
2-Chlorotoluene	0.25	0.23	92	67-120	
4-Chlorotoluene	0.25	0.24	94	65-116	
1,3-Dichlorobenzene	0.25	0.28	112	75-133	
1,4-Dichlorobenzene	0.25	0.28	114	83-128	
1,2-Dichlorobenzene	0.25	0.25	98	73-129	

Surrogate Recovery		
Dibromofluoromethane	109	27-188
1,2-Dichloroethane-d4	101	17-212
Toluene-d8	94	41-142
4-Bromofluorobenzene	112	47-167

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A063

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Soil

Sample Description		Method Blank	B-52 7.5-8 ft	B-52 14.5-15 ft	B-52 14.5-15 ft Dup	B-53 7.5-8 ft	B-53 12.5-13 ft
Date Sampled		N/A	1/16/2023	1/16/2023	1/16/2023	1/17/2023	1/17/2023
Date Analyzed	PQL (mg/kg)	1/17/2023 (mg/kg)	1/17/2023 (mg/kg)	1/17/2023 (mg/kg)	1/17/2023 (mg/kg)	1/17/2023 (mg/kg)	1/17/2023 (mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.10	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd	nd	nd	nd
Gasoline	10	nd	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	118	117	118	127	120	119
1,2-Dichloroethane-d4	17-212	108	108	112	107	106	106
Toluene-d8	41-142	92	94	97	98	98	95
4-Bromofluorobenzene	47-167	86	80	79	83	84	86

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
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Bellingham, Washington
Libby Project # L23A063

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Soil

Sample Description		B-53 19-19.5 ft	B-54 7.5-8 ft	B-54 12.5-13 ft	B-54 19-19.5 ft	B-55 8.5-9 ft	B-55 12.5-13 ft
Date Sampled		1/17/2023	1/17/2023	1/17/2023	1/17/2023	1/17/2023	1/17/2023
Date Analyzed	PQL	1/17/2023	1/17/2023	1/17/2023	1/17/2023	1/17/2023	1/17/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd	nd
Toluene	0.10	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd	nd	nd	nd
Gasoline	10	nd	nd	nd	nd	nd	nd
Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	125	125	125	123	128	122
1,2-Dichloroethane-d4	17-212	116	118	118	116	124	107
Toluene-d8	41-142	99	98	98	101	98	99
4-Bromofluorobenzene	47-167	87	83	86	105	91	82

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8260D) in Soil

Sample Description		B-55 19-19.5 ft	B-55 19-19.5 ft Dup	B-56 7.5-8 ft	B-56 12.5-13 ft	B-56 19-19.5 ft
Date Sampled		1/17/2023	1/17/2023	1/17/2023	1/17/2023	1/17/2023
Date Analyzed	PQL (mg/kg)	1/17/2023 (mg/kg)	1/17/2023 (mg/kg)	1/17/2023 (mg/kg)	1/17/2023 (mg/kg)	1/17/2023 (mg/kg)
Benzene	0.02	nd	nd	nd	nd	nd
Toluene	0.10	nd	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd	nd	nd
Gasoline	10	nd	nd	nd	nd	nd

Surrogate Recovery	Acceptable Limits (%)					
Dibromofluoromethane	27-188	125	124	126	121	127
1,2-Dichloroethane-d4	17-212	118	126	115	106	121
Toluene-d8	41-142	99	100	99	100	104
4-Bromofluorobenzene	47-167	87	86	88	89	108

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

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Bellingham, Washington
Libby Project # L23A063

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-52 14.5-15 ft
Date Analyzed: 1/17/2023

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Recovery Limits (%)	Data Flag
Benzene	0.25	0.23	0.22	92	89	3.5	65-126	
Toluene	0.25	0.36	0.27	145	107	29.8	65-126	S, R
Ethylbenzene	0.25	0.26	0.26	105	105	0.0	55-140	
Total Xylenes	0.75	0.71	0.72	94	96	1.7	43-149	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	112	116	27-188
1,2-Dichloroethane-d4	100	102	17-212
Toluene-d8	100	102	41-142
4-Bromofluorobenzene	104	110	47-167

ACCEPTABLE RPD IS 35%
"R" High relative percent difference observed.
"S" Spike recovery outside accepted recovery limits.

ANALYSES PERFORMED BY: Paul Burke

Laboratory Control Sample

Date Analyzed: 1/17/2023

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	Recovery Limits (%)	Data Flag
Benzene	0.25	0.22	89	65-118	
Toluene	0.25	0.25	98	68-125	
Ethylbenzene	0.25	0.27	106	49-144	
Total Xylenes	0.75	0.71	94	38-140	

Surrogate Recovery		
Dibromofluoromethane	109	27-188
1,2-Dichloroethane-d4	101	17-212
Toluene-d8	94	41-142
4-Bromofluorobenzene	112	47-167

ANALYSES PERFORMED BY: Paul Burke

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SUNSET COMMONS PROJECT
Whatcom Environmental Services
Bellingham, Washington
Libby Project # L23A063

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	1/17/2023	92	nd	nd
B-52 7.5-8 ft	1/17/2023	104	nd	nd
B-52 14.5-15 ft	1/17/2023	79	nd	nd
B-52 14.5-15 ft Dup	1/17/2023	108	nd	nd
B-53 7.5-8 ft	1/17/2023	89	nd	nd
B-53 12.5-13 ft	1/17/2023	73	nd	nd
B-53 19-19.5 ft	1/17/2023	96	nd	nd
B-54 7.5-8 ft	1/17/2023	85	nd	nd
B-54 12.5-13 ft	1/17/2023	77	nd	nd
B-54 19-19.5 ft	1/17/2023	100	nd	nd
B-55 8.5-9 ft	1/17/2023	86	nd	nd
B-55 12.5-13 ft	1/17/2023	80	nd	nd
B-55 19-19.5 ft	1/17/2023	98	nd	nd
B-55 19-19.5 ft Dup	1/17/2023	86	nd	nd
B-56 7.5-8 ft	1/17/2023	76	nd	nd
B-56 12.5-13 ft	1/17/2023	107	nd	nd
B-56 19-19.5 ft	1/17/2023	88	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

October 21, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On October 11th, 9 samples were received by our laboratory and assigned our laboratory project number EV22100055. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Glen Perry
Laboratory Director

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ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/21/2022 EV22100055 EV22100055-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/10/2022 12:35:00 PM
CLIENT SAMPLE ID	CS-47 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/18/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/18/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/18/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/12/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/12/2022	DHM
Lead	EPA-6020	**6.3**	0.10	1	MG/KG	10/14/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**73.5**	10/18/2022	KLS
TFT	EPA-8021	**66.7**	10/18/2022	KLS
C25	NWTPH-DX	**103**	10/12/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/21/2022 EV22100055 EV22100055-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/10/2022 12:45:00 PM
CLIENT SAMPLE ID	CS-48 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/18/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/18/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/18/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/12/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/12/2022	DHM
Lead	EPA-6020	**3.3**	0.10	1	MG/KG	10/14/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**65.0**	10/18/2022	KLS
TFT	EPA-8021	**60.5**	10/18/2022	KLS
C25	NWTPH-DX	**103**	10/12/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/21/2022 EV22100055 EV22100055-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/10/2022 12:55:00 PM
CLIENT SAMPLE ID	CS-49 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**33**	3.0	1	MG/KG	10/18/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/18/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/18/2022	KLS
TPH-Diesel Range	NWTPH-DX	U, F2	29	1	MG/KG	10/12/2022	DHM
TPH-Oil Range	NWTPH-DX	U, F2	59	1	MG/KG	10/12/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Lead	EPA-6020	**9.2**	0.10	1	MG/KG	10/14/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**74.3**	10/18/2022	KLS
TFT	EPA-8021	**67.1**	10/18/2022	KLS
C25	NWTPH-DX	**107**	10/12/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**82.1**	10/15/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
F2 - Reporting limit for compound raised due to low percent solids.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/21/2022 EV22100055 EV22100055-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/10/2022 1:20:00 PM
CLIENT SAMPLE ID	CS-50 1.25ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/18/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/18/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/18/2022	KLS
TPH-Diesel Range	NWTPH-DX	**46**	25	1	MG/KG	10/17/2022	DHM
TPH-Oil Range	NWTPH-DX	**420**	50	1	MG/KG	10/17/2022	DHM
Lead	EPA-6020	**12**	0.10	1	MG/KG	10/14/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**82.1**	10/18/2022	KLS
TFT	EPA-8021	**73.2**	10/18/2022	KLS
C25	NWTPH-DX	**99.8**	10/17/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/21/2022 EV22100055 EV22100055-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/10/2022 1:25:00 PM
CLIENT SAMPLE ID	CS-51 1.25ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/18/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/18/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/18/2022	KLS
TPH-Diesel Range	NWTPH-DX	**69**	25	1	MG/KG	10/12/2022	DHM
TPH-Oil Range	NWTPH-DX	**160**	50	1	MG/KG	10/12/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Lead	EPA-6020	**14**	0.10	1	MG/KG	10/14/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**73.4**	10/18/2022	KLS
TFT	EPA-8021	**67.4**	10/18/2022	KLS
C25	NWTPH-DX	**111**	10/12/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**98.0**	10/15/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains weathered diesel 1 and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/21/2022 EV22100055 EV22100055-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/10/2022 2:10:00 PM
CLIENT SAMPLE ID	CS-52 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/18/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/18/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/18/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/12/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/12/2022	DHM
Lead	EPA-6020	**14**	0.10	1	MG/KG	10/14/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**73.4**	10/18/2022	KLS
TFT	EPA-8021	**67.1**	10/18/2022	KLS
C25	NWTPH-DX	**103**	10/12/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/21/2022 EV22100055 EV22100055-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/10/2022 2:15:00 PM
CLIENT SAMPLE ID	CS-53 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/18/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/18/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/18/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/12/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/12/2022	DHM
Lead	EPA-6020	**2.7**	0.10	1	MG/KG	10/14/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**72.1**	10/18/2022	KLS
TFT	EPA-8021	**65.6**	10/18/2022	KLS
C25	NWTPH-DX	**95.1**	10/12/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/21/2022 EV22100055 EV22100055-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/10/2022 2:20:00 PM
CLIENT SAMPLE ID	CS-54 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**4.1**	3.0	1	MG/KG	10/18/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/18/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/18/2022	KLS
TPH-Diesel Range	NWTPH-DX	**69**	25	1	MG/KG	10/12/2022	DHM
TPH-Oil Range	NWTPH-DX	**180**	50	1	MG/KG	10/12/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**41**	20	1	UG/KG	10/15/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**36**	20	1	UG/KG	10/15/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	10/15/2022	JMK
Lead	EPA-6020	**12**	0.10	1	MG/KG	10/14/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**62.2**	10/18/2022	KLS
TFT	EPA-8021	**58.1 SUR12**	10/18/2022	KLS
C25	NWTPH-DX	**98.0**	10/12/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**87.5**	10/15/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
SUR12 -Surrogate recoveries were outside of the control limits due to matrix interference.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/21/2022 EV22100055 EV22100055-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/10/2022 2:30:00 PM
CLIENT SAMPLE ID	CS-55 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	10/18/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	10/18/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	10/18/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	10/18/2022	KLS
TPH-Diesel Range	NWTPH-DX	**28**	25	1	MG/KG	10/13/2022	DHM
TPH-Oil Range	NWTPH-DX	**91**	50	1	MG/KG	10/13/2022	DHM
Lead	EPA-6020	**19**	0.10	1	MG/KG	10/14/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**76.9**	10/18/2022	KLS
TFT	EPA-8021	**68.9**	10/18/2022	KLS
C25	NWTPH-DX	**98.7**	10/13/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/21/2022
		ALS SDG#:	EV22100055
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-101822S - Batch 185131 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	10/18/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101822S - Batch 185131 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	10/18/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	10/18/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	10/18/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	10/18/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101222S - Batch 184858 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	10/12/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	10/12/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101422S - Batch 184934 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	10/14/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101322S - Batch 184818 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	10/14/2022	EBS

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/21/2022
		ALS SDG#:	EV22100055
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-101322S - Batch 184818 - Soil by EPA-6020

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/21/2022
		ALS SDG#:	EV22100055
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 185131 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**80.6**			66.5	122.7	10/18/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**90.7**	**12**	SR1	66.5	122.7	10/18/2022	KLS

SR1 - RPD outside of control limits.

ALS Test Batch ID: 185131 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**80.7**			67.7	124	10/18/2022	KLS
Benzene - BSD	EPA-8021	**79.6**	**1**		67.7	124	10/18/2022	KLS
Toluene - BS	EPA-8021	**79.0**			71	123	10/18/2022	KLS
Toluene - BSD	EPA-8021	**76.7**	**3**		71	123	10/18/2022	KLS
Ethylbenzene - BS	EPA-8021	**77.4**			69.8	117	10/18/2022	KLS
Ethylbenzene - BSD	EPA-8021	**73.6**	**5**		69.8	117	10/18/2022	KLS
Xylenes - BS	EPA-8021	**78.1**			70	119	10/18/2022	KLS
Xylenes - BSD	EPA-8021	**74.1**	**5**		70	119	10/18/2022	KLS

ALS Test Batch ID: 184858 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**97.0**			75.5	122.1	10/12/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**99.8**	**3**		75.5	122.1	10/12/2022	DHM

ALS Test Batch ID: 184934 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**87.1**			20	150	10/17/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**95.3**	**9**		20	150	10/17/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**80.6**			20	150	10/17/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**94.5**	**16**		20	150	10/17/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**87.0**			20	150	10/17/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**99.1**	**13**		20	150	10/17/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**88.0**			20	150	10/17/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**92.0**	**4**		20	150	10/17/2022	JMK
Chrysene - BS	EPA-8270 SIM	**87.2**			20	150	10/17/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**92.4**	**6**		20	150	10/17/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**91.5**			20	150	10/17/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**99.0**	**8**		20	150	10/17/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**94.1**			20	150	10/17/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**106**	**11**		20	150	10/17/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/21/2022
		ALS SDG#:	EV22100055
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzo[A]Pyrene - BS	EPA-8270 SIM	**93.1**			20	150	10/17/2022	JMK
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**103**	**10**		20	150	10/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**80.6**			20	150	10/17/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**87.9**	**9**		20	150	10/17/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**77.8**			20	150	10/17/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**84.4**	**8**		20	150	10/17/2022	JMK

ALS Test Batch ID: 184818 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**101**			80	120	10/14/2022	EBS
Lead - BSD	EPA-6020	**101**	**0**		80	120	10/14/2022	EBS

APPROVED BY

Laboratory Director

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Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

EV221000 SS

Work Order No.:

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)
CS-47 2.5ft	Soil	10/10/22	1235	1	2	x	x	x	x		
CS-48 2.5ft	Soil	10/10/22	1245	2	2	x	x	x	x		
CS-49 2.5ft	Soil	10/10/22	1255	3	2	x	x	x	x	x	x
CS-50 1.25ft	Soil	10/10/22	1320	4	2	x	x	x	x		
CS-51 1.25ft	Soil	10/10/22	1325	5	2	x	x	x	x	x	x
CS-52 1.5ft	Soil	10/10/22	1410	6	2	x	x	x	x		
CS-53 2.5ft	Soil	10/10/22	1415	7	2	x	x	x	x		
CS-54 1.5ft	Soil	10/10/22	1420	8	2	x	x	x	x	x	x
CS-55 1.5ft	Soil	10/10/22	1430	9	2	x	x	x	x		

TAT

- [x] Routine 10 Day
- [ ] ~~24 hours*~~ ~~100%~~
- [ ] 48 hours* 80%
- [ ] 3 Day* 60%
- [ ] ~~5 day*~~ ~~50%~~

* Please call for availability

Due Date:

Comments

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Thom Davis		10/10/22@1535	Carl Noll		10/11/22 1515

Revised : 10/10/2022

November 17, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On November 3rd, 14 samples were received by our laboratory and assigned our laboratory project number EV22110029. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Glen Perry
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	11/17/2022 EV22110029 EV22110029-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/03/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/2/2022 9:00:00 AM
CLIENT SAMPLE ID	CS-56 3ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/16/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/16/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/16/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/08/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/08/2022	DHM
Lead	EPA-6020	**8.2**	0.10	1	MG/KG	11/04/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**52.3 SUR12**	11/16/2022	KLS
TFT	EPA-8021	**71.2**	11/16/2022	KLS
C25	NWTPH-DX	**117**	11/08/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
SUR12 -Surrogate recoveries were outside of the control limits due to matrix interference.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	11/17/2022 EV22110029 EV22110029-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/03/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/2/2022 9:10:00 AM
CLIENT SAMPLE ID	CS-57 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**33**	3.0	1	MG/KG	11/16/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/16/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/16/2022	KLS
TPH-Diesel Range	NWTPH-DX	**270**	50	2	MG/KG	11/08/2022	DHM
TPH-Oil Range	NWTPH-DX	**600**	100	2	MG/KG	11/08/2022	DHM
Naphthalene	EPA-8270 SIM	**37**	20	1	UG/KG	11/09/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**130**	20	1	UG/KG	11/09/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**100**	20	1	UG/KG	11/09/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Chrysene	EPA-8270 SIM	**27**	20	1	UG/KG	11/09/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Lead	EPA-6020	**47**	0.10	1	MG/KG	11/04/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**65.9**	11/16/2022	KLS
TFT	EPA-8021	**86.8**	11/16/2022	KLS
C25 2X Dilution	NWTPH-DX	**124**	11/08/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**57.1**	11/09/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	11/17/2022 EV22110029 EV22110029-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/03/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/2/2022 9:25:00 AM
CLIENT SAMPLE ID	CS-58 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/16/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/16/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/16/2022	KLS
TPH-Diesel Range	NWTPH-DX	**82**	50	2	MG/KG	11/08/2022	DHM
TPH-Oil Range	NWTPH-DX	**400**	100	2	MG/KG	11/08/2022	DHM
Lead	EPA-6020	**26**	0.10	1	MG/KG	11/04/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**68.6**	11/16/2022	KLS
TFT	EPA-8021	**91.3**	11/16/2022	KLS
C25 2X Dilution	NWTPH-DX	**114**	11/08/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	11/17/2022 EV22110029 EV22110029-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/03/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/2/2022 9:35:00 AM
CLIENT SAMPLE ID	CS-59 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**40**	3.0	1	MG/KG	11/16/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/16/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Ethylbenzene	EPA-8021	**0.052**	0.050	1	MG/KG	11/16/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/16/2022	KLS
TPH-Diesel Range	NWTPH-DX	**450**	50	2	MG/KG	11/08/2022	DHM
TPH-Oil Range	NWTPH-DX	**1000**	100	2	MG/KG	11/08/2022	DHM
Lead	EPA-6020	**59**	0.10	1	MG/KG	11/04/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**72.6**	11/16/2022	KLS
TFT	EPA-8021	**103**	11/16/2022	KLS
C25 2X Dilution	NWTPH-DX	**120**	11/08/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, an unidentified diesel range product and lube oil. Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	11/17/2022 EV22110029 EV22110029-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/03/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/2/2022 9:40:00 AM
CLIENT SAMPLE ID	CS-60 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**17**	3.0	1	MG/KG	11/16/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/16/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/16/2022	KLS
TPH-Diesel Range	NWTPH-DX	**460**	50	2	MG/KG	11/08/2022	DHM
TPH-Oil Range	NWTPH-DX	**1200**	100	2	MG/KG	11/08/2022	DHM
Lead	EPA-6020	**70**	0.10	1	MG/KG	11/04/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**68.7**	11/16/2022	KLS
TFT	EPA-8021	**90.3**	11/16/2022	KLS
C25 2X Dilution	NWTPH-DX	**114**	11/08/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product, an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	11/17/2022 EV22110029 EV22110029-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/03/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/2/2022 10:00:00 AM
CLIENT SAMPLE ID	CS-61 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/16/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/16/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/16/2022	KLS
TPH-Diesel Range	NWTPH-DX	**29**	25	1	MG/KG	11/10/2022	DHM
TPH-Oil Range	NWTPH-DX	**120**	50	1	MG/KG	11/10/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	**75**	20	1	UG/KG	11/09/2022	JMK
Chrysene	EPA-8270 SIM	**85**	20	1	UG/KG	11/09/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**110**	20	1	UG/KG	11/09/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	**51**	20	1	UG/KG	11/09/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	**100**	20	1	UG/KG	11/09/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**71**	20	1	UG/KG	11/09/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Lead	EPA-6020	**8.4**	0.10	1	MG/KG	11/04/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**68.7**	11/16/2022	KLS
TFT	EPA-8021	**73.8**	11/16/2022	KLS
C25	NWTPH-DX	**103**	11/10/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**78.2**	11/09/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	11/17/2022 EV22110029 EV22110029-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/03/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/2/2022 10:10:00 AM
CLIENT SAMPLE ID	CS-62 2.75ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/16/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/16/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/16/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/08/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/08/2022	DHM
Lead	EPA-6020	**5.2**	0.10	1	MG/KG	11/04/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**66.7**	11/16/2022	KLS
TFT	EPA-8021	**81.6**	11/16/2022	KLS
C25	NWTPH-DX	**105**	11/08/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	11/17/2022 EV22110029 EV22110029-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/03/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/2/2022 11:30:00 AM
CLIENT SAMPLE ID	CS-63 1.25ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**5.0**	3.0	1	MG/KG	11/16/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/16/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/16/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/08/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/08/2022	DHM
Lead	EPA-6020	**8.2**	0.10	1	MG/KG	11/04/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**49.4 SUR12**	11/16/2022	KLS
TFT	EPA-8021	**64.1**	11/16/2022	KLS
C25	NWTPH-DX	**114**	11/08/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
SUR12 -Surrogate recoveries were outside of the control limits due to matrix interference.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	11/17/2022 EV22110029 EV22110029-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/03/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/2/2022 11:35:00 AM
CLIENT SAMPLE ID	CS-64 2ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/16/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/16/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/16/2022	KLS
TPH-Diesel Range	NWTPH-DX	**39**	25	1	MG/KG	11/08/2022	DHM
TPH-Oil Range	NWTPH-DX	**170**	50	1	MG/KG	11/08/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Lead	EPA-6020	**8.6**	0.10	1	MG/KG	11/04/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**61.6**	11/16/2022	KLS
TFT	EPA-8021	**73.3**	11/16/2022	KLS
C25	NWTPH-DX	**119**	11/08/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**91.9**	11/09/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	11/17/2022 EV22110029 EV22110029-10
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/03/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/2/2022 11:40:00 AM
CLIENT SAMPLE ID	CS-65 4ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/16/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/16/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/16/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/08/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/08/2022	DHM
Lead	EPA-6020	**2.6**	0.10	1	MG/KG	11/04/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**60.2**	11/16/2022	KLS
TFT	EPA-8021	**74.9**	11/16/2022	KLS
C25	NWTPH-DX	**107**	11/08/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	11/17/2022 EV22110029 EV22110029-11
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/03/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/2/2022 11:45:00 AM
CLIENT SAMPLE ID	CS-66 2ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/16/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/16/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/16/2022	KLS
TPH-Diesel Range	NWTPH-DX	**67**	25	1	MG/KG	11/08/2022	DHM
TPH-Oil Range	NWTPH-DX	**140**	50	1	MG/KG	11/08/2022	DHM
Lead	EPA-6020	**29**	0.10	1	MG/KG	11/04/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**62.6**	11/16/2022	KLS
TFT	EPA-8021	**81.9**	11/16/2022	KLS
C25	NWTPH-DX	**133**	11/08/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and an unidentified oil range product.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	11/17/2022 EV22110029 EV22110029-12
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/03/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/2/2022 1:40:00 PM
CLIENT SAMPLE ID	CS-67 3.75ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/16/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/16/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/16/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/16/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/08/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/08/2022	DHM
Lead	EPA-6020	**5.2**	0.10	1	MG/KG	11/04/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**56.3 SUR12**	11/16/2022	KLS
TFT	EPA-8021	**72.4**	11/16/2022	KLS
C25	NWTPH-DX	**113**	11/08/2022	DHM

SUR12 -Surrogate recoveries were outside of the control limits due to matrix interference.
U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	11/17/2022 EV22110029 EV22110029-13
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/03/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/2/2022 1:50:00 PM
CLIENT SAMPLE ID	CS-68 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/17/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/17/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/17/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/17/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/17/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/08/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/08/2022	DHM
Lead	EPA-6020	**11**	0.10	1	MG/KG	11/04/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**46.7 SUR12**	11/17/2022	KLS
TFT	EPA-8021	**57.8 SUR12**	11/17/2022	KLS
C25	NWTPH-DX	**120**	11/08/2022	DHM

SUR12 -Surrogate recoveries were outside of the control limits due to matrix interference.
U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	11/17/2022 EV22110029 EV22110029-14
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/03/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/2/2022 2:00:00 PM
CLIENT SAMPLE ID	CS-69 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**3.5**	3.0	1	MG/KG	11/17/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/17/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/17/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/17/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/17/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/08/2022	DHM
TPH-Oil Range	NWTPH-DX	**89**	50	1	MG/KG	11/08/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/09/2022	JMK
Lead	EPA-6020	**9.4**	0.10	1	MG/KG	11/04/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**48.5 SUR12**	11/17/2022	KLS
TFT	EPA-8021	**63.6**	11/17/2022	KLS
C25	NWTPH-DX	**118**	11/08/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**93.2**	11/09/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
SUR12 -Surrogate recoveries were outside of the control limits due to matrix interference.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product and lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	11/17/2022
		ALS SDG#:	EV22110029
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-110422S - Batch 186052 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	11/04/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-110422S - Batch 186052 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	11/04/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	11/04/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	11/04/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	11/04/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-110822S - Batch 185944 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	11/08/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	11/08/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-110822S - Batch 185945 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	11/08/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-110422S - Batch 185773 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	11/04/2022	RAL

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS SDG#: WDOE ACCREDITATION:	11/17/2022 EV22110029 C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-110422S - Batch 185773 - Soil by EPA-6020

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 11/17/2022
ALS SDG#: EV22110029
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 186052 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**85.7**			66.5	122.7	11/04/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**84.8**	**1**		66.5	122.7	11/04/2022	KLS

ALS Test Batch ID: 186052 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**75.3**			67.7	124	11/04/2022	KLS
Benzene - BSD	EPA-8021	**75.3**	**0**		67.7	124	11/04/2022	KLS
Toluene - BS	EPA-8021	**73.2**			71	123	11/04/2022	KLS
Toluene - BSD	EPA-8021	**73.4**	**0**		71	123	11/04/2022	KLS
Ethylbenzene - BS	EPA-8021	**73.4**			69.8	117	11/04/2022	KLS
Ethylbenzene - BSD	EPA-8021	**73.4**	**0**		69.8	117	11/04/2022	KLS
Xylenes - BS	EPA-8021	**75.3**			70	119	11/04/2022	KLS
Xylenes - BSD	EPA-8021	**75.1**	**0**		70	119	11/04/2022	KLS

ALS Test Batch ID: 185944 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**103**			75.5	122.1	11/08/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**104**	**0**		75.5	122.1	11/08/2022	DHM

ALS Test Batch ID: 185945 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**86.1**			20	150	11/08/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**88.5**	**3**		20	150	11/08/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**103**			20	150	11/08/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**110**	**7**		20	150	11/08/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**92.2**			20	150	11/08/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**106**	**14**		20	150	11/08/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**85.2**			20	150	11/08/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**86.5**	**1**		20	150	11/08/2022	JMK
Chrysene - BS	EPA-8270 SIM	**96.0**			20	150	11/08/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**93.1**	**3**		20	150	11/08/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**88.4**			20	150	11/08/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**89.2**	**1**		20	150	11/08/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**96.1**			20	150	11/08/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**90.6**	**6**		20	150	11/08/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**90.4**			20	150	11/08/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	11/17/2022
		ALS SDG#:	EV22110029
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**91.0**	**1**		20	150	11/08/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**101**			20	150	11/08/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**101**	**0**		20	150	11/08/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**97.0**			20	150	11/08/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**97.6**	**1**		20	150	11/08/2022	JMK

ALS Test Batch ID: 185773 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**100**			80	120	11/04/2022	RAL
Lead - BSD	EPA-6020	**101**	**1**		80	120	11/04/2022	RAL

APPROVED BY

Laboratory Director

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Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.: Ev221100 29

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)
CS-56 3ft	Soil	11/2/22	900	1	2	x	x	x	x		
CS-57 1.5ft	Soil	11/2/22	910	2	2	x	x	x	x	x	x
CS-58 1.5ft	Soil	11/2/22	925	3	2	x	x	x	x		
CS-59 1.5ft	Soil	11/2/22	935	4	2	x	x	x	x		
CS-60 1.5ft	Soil	11/2/22	940	5	2	x	x	x	x		
CS-61 2.5ft	Soil	11/2/22	1000	6	2	x	x	x	x	x	x
CS-62 2.75ft	Soil	11/2/22	1010	7	2	x	x	x	x		
CS-63 1.25ft	Soil	11/2/22	1130	8	2	x	x	x	x		
CS-64 2ft	Soil	11/2/22	1135	9	2	x	x	x	x	x	x
CS-65 4ft	Soil	11/2/22	1140	10	2	x	x	x	x		
CS-66 2ft	Soil	11/2/22	1145	11	2	x	x	x	x		
CS-67 3.75ft	Soil	11/2/22	1340	12	2	x	x	x	x		
CS-68 1.5ft	Soil	11/2/22	1350	13	2	x	x	x	x		
CS-69 1.5ft	Soil	11/2/22	1400	14	2	x	x	x	x	x	x

TAT

- [x] Routine 10 Day
- [ ] 24 hours * 100%
- [ ] 48 hours* 80%
- [ ] 3 Day* 60%
- [ ] 5 day* 50%

* Please call for availability

Due Date:

Comments

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Henry Cade	Henry Cade	11/3/22 3:00	Max Christoffel	Max Christoffel	11/3/22 3:00
Max Christoffel	Max Christoffel	11/3/22 3:00			

Revised : 11/2/2022

December 1, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On November 11th, 22 samples were received by our laboratory and assigned our laboratory project number EV22110078. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/9/2022 9:55:00 AM
CLIENT SAMPLE ID	CS-70 6ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/12/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/12/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/12/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/12/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/12/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Lead	EPA-6020	**4.2**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**67.8**	11/12/2022	KLS
TFT	EPA-8021	**87.7**	11/12/2022	KLS
C25	NWTPH-DX	**79.1**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**128**	11/26/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/9/2022 10:00:00 AM
CLIENT SAMPLE ID	CS-71 5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/12/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/12/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/12/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/12/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/12/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**4.4**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**71.4**	11/12/2022	KLS
TFT	EPA-8021	**94.1**	11/12/2022	KLS
C25	NWTPH-DX	**77.2**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**109**	11/18/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/9/2022 10:10:00 AM
CLIENT SAMPLE ID	CS-72 5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/12/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/12/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/12/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/12/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/12/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**3.9**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**68.8**	11/12/2022	KLS
TFT	EPA-8021	**100**	11/12/2022	KLS
C25	NWTPH-DX	**75.3**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**88.9**	11/18/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/9/2022 10:15:00 AM
CLIENT SAMPLE ID	CS-73 5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/12/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/12/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/12/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/12/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/12/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**4.7**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**60.5**	11/12/2022	KLS
TFT	EPA-8021	**77.5**	11/12/2022	KLS
C25	NWTPH-DX	**83.8**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**79.5**	11/18/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/9/2022 10:25:00 AM
CLIENT SAMPLE ID	CS-74 5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/12/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/12/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/12/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/12/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/12/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**12**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**62.3**	11/12/2022	KLS
TFT	EPA-8021	**85.9**	11/12/2022	KLS
C25	NWTPH-DX	**86.9**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**77.8**	11/18/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/9/2022 10:30:00 AM
CLIENT SAMPLE ID	CS-75 6.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**5.1**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**62.1**	11/13/2022	KLS
TFT	EPA-8021	**91.7**	11/13/2022	KLS
C25	NWTPH-DX	**94.1**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**94.3**	11/18/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/9/2022 1:00:00 PM
CLIENT SAMPLE ID	CS-76 6ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**3.9**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**66.7**	11/13/2022	KLS
TFT	EPA-8021	**108**	11/13/2022	KLS
C25	NWTPH-DX	**79.5**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**110**	11/18/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/9/2022 1:10:00 PM
CLIENT SAMPLE ID	CS-77 6.25ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**5.3**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**67.5**	11/13/2022	KLS
TFT	EPA-8021	**92.8**	11/13/2022	KLS
C25	NWTPH-DX	**71.9**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**111**	11/18/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/9/2022 1:15:00 PM
CLIENT SAMPLE ID	CS-78 5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**5.0**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**66.3**	11/13/2022	KLS
TFT	EPA-8021	**94.4**	11/13/2022	KLS
C25	NWTPH-DX	**87.7**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**103**	11/18/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-10
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/9/2022 1:20:00 PM
CLIENT SAMPLE ID	CS-79 5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/23/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**6.4**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**62.0**	11/13/2022	KLS
TFT	EPA-8021	**87.7**	11/13/2022	KLS
C25	NWTPH-DX	**88.1**	11/23/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**96.9**	11/18/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-11
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/9/2022 1:25:00 PM
CLIENT SAMPLE ID	CS-80 5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**3.3**	3.0	1	MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/23/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**4.7**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**64.1**	11/13/2022	KLS
TFT	EPA-8021	**96.5**	11/13/2022	KLS
C25	NWTPH-DX	**91.2**	11/23/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**98.4**	11/18/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-12
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/9/2022 1:30:00 PM
CLIENT SAMPLE ID	CS-81 5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**12**	3.0	1	MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/23/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**4.2**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**61.4**	11/13/2022	KLS
TFT	EPA-8021	**91.5**	11/13/2022	KLS
C25	NWTPH-DX	**89.9**	11/23/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**102**	11/18/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-13
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/9/2022 1:35:00 PM
CLIENT SAMPLE ID	CS-82 5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**3.1**	3.0	1	MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/23/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**5.0**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**66.2**	11/13/2022	KLS
TFT	EPA-8021	**81.7**	11/13/2022	KLS
C25	NWTPH-DX	**77.7**	11/23/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**111**	11/18/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-14
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/9/2022 3:15:00 PM
CLIENT SAMPLE ID	CS-83 10.25ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/23/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**4.1**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**64.6**	11/13/2022	KLS
TFT	EPA-8021	**83.2**	11/13/2022	KLS
C25	NWTPH-DX	**81.0**	11/23/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**116**	11/18/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-15
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/10/2022 9:15:00 AM
CLIENT SAMPLE ID	CS-84 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/23/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**5.2**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**65.2**	11/13/2022	KLS
TFT	EPA-8021	**88.6**	11/13/2022	KLS
C25	NWTPH-DX	**88.8**	11/23/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**94.7**	11/18/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-16
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/10/2022 9:45:00 AM
CLIENT SAMPLE ID	CS-85 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Lead	EPA-6020	**4.6**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**67.5**	11/13/2022	KLS
TFT	EPA-8021	**89.2**	11/13/2022	KLS
C25	NWTPH-DX	**85.1**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**98.4**	11/19/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-17
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/10/2022 10:05:00 AM
CLIENT SAMPLE ID	CS-86 8.75ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Lead	EPA-6020	**4.5**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**68.3**	11/13/2022	KLS
TFT	EPA-8021	**79.6**	11/13/2022	KLS
C25	NWTPH-DX	**89.4**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**118**	11/19/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-18
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/10/2022 12:30:00 PM
CLIENT SAMPLE ID	CS-87 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Lead	EPA-6020	**21**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**67.9**	11/13/2022	KLS
TFT	EPA-8021	**94.6**	11/13/2022	KLS
C25	NWTPH-DX	**85.0**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**97.5**	11/19/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-19
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/10/2022 12:50:00 PM
CLIENT SAMPLE ID	CS-88 9.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/23/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Lead	EPA-6020	**4.8**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**61.3**	11/13/2022	KLS
TFT	EPA-8021	**88.9**	11/13/2022	KLS
C25	NWTPH-DX	**80.0**	11/23/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**120**	11/19/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-20
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/10/2022 2:30:00 PM
CLIENT SAMPLE ID	CS-89 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/23/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Lead	EPA-6020	**6.9**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**69.0**	11/13/2022	KLS
TFT	EPA-8021	**96.1**	11/13/2022	KLS
C25	NWTPH-DX	**90.6**	11/23/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**84.9**	11/19/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-21
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/10/2022 2:50:00 PM
CLIENT SAMPLE ID	CS-90 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/14/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/14/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/14/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/14/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/14/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/23/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Lead	EPA-6020	**5.7**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**67.0**	11/14/2022	KLS
TFT	EPA-8021	**96.0**	11/14/2022	KLS
C25	NWTPH-DX	**88.7**	11/23/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**91.6**	11/19/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS JOB#:	EV22110078
		ALS SAMPLE#:	EV22110078-22
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/11/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/10/2022 3:10:00 PM
CLIENT SAMPLE ID	CS-91 10.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/13/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/13/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/13/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/13/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/23/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/19/2022	JMK
Lead	EPA-6020	**4.9**	0.10	1	MG/KG	11/16/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**76.6**	11/13/2022	KLS
TFT	EPA-8021	**93.8**	11/13/2022	KLS
C25	NWTPH-DX	**83.3**	11/23/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**95.1**	11/19/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS SDG#:	EV22110078
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-111222S - Batch 186219 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	11/12/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MBG-111222S2 - Batch 186220 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	11/13/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-111222S - Batch 186219 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	11/12/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	11/12/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	11/12/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	11/12/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-111222S2 - Batch 186220 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	11/13/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	11/13/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	11/13/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	11/13/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-112122S - Batch 186582 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	11/22/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-112222S - Batch 186596 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	11/22/2022	DHM

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS SDG#:	EV22110078
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-112222S - Batch 186596 - Soil by NWTPH-DX

TPH-Oil Range	NWTPH-DX	U	MG/KG	50	11/22/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-111722S - Batch 186413 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-111822S - Batch 186606 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	11/26/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	11/26/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	11/26/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	11/26/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	11/26/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	11/26/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	11/26/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	11/26/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	11/26/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	11/26/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-111622S - Batch 186291 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	11/16/2022	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/1/2022
		ALS SDG#:	EV22110078
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB2-111622S - Batch 186289 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	11/16/2022	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 12/1/2022
ALS SDG#: EV22110078
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 186219 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**97.4**			66.5	122.7	11/12/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**93.1**	**5**		66.5	122.7	11/12/2022	KLS

ALS Test Batch ID: 186220 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**90.6**			66.5	122.7	11/13/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**88.1**	**3**		66.5	122.7	11/13/2022	KLS

ALS Test Batch ID: 186219 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**107**			67.7	124	11/12/2022	KLS
Benzene - BSD	EPA-8021	**112**	**4**		67.7	124	11/12/2022	KLS
Toluene - BS	EPA-8021	**113**			71	123	11/12/2022	KLS
Toluene - BSD	EPA-8021	**115**	**2**		71	123	11/12/2022	KLS
Ethylbenzene - BS	EPA-8021	**108**			69.8	117	11/12/2022	KLS
Ethylbenzene - BSD	EPA-8021	**110**	**2**		69.8	117	11/12/2022	KLS
Xylenes - BS	EPA-8021	**106**			70	119	11/12/2022	KLS
Xylenes - BSD	EPA-8021	**109**	**3**		70	119	11/12/2022	KLS

ALS Test Batch ID: 186220 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**116**			67.7	124	11/13/2022	KLS
Benzene - BSD	EPA-8021	**118**	**1**		67.7	124	11/13/2022	KLS
Toluene - BS	EPA-8021	**121**			71	123	11/13/2022	KLS
Toluene - BSD	EPA-8021	**122**	**0**		71	123	11/13/2022	KLS
Ethylbenzene - BS	EPA-8021	**118**		LCS03	69.8	117	11/13/2022	KLS
Ethylbenzene - BSD	EPA-8021	**117**	**1**	LCS03	69.8	117	11/13/2022	KLS
Xylenes - BS	EPA-8021	**118**			70	119	11/13/2022	KLS
Xylenes - BSD	EPA-8021	**115**	**3**		70	119	11/13/2022	KLS

LCS03 - The LCS and/or LCSD recovery was above the upper control limit. All sample results in the batch were non-detect. No qualification is required for this analyte.

ALS Test Batch ID: 186582 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**105**			75.5	122.1	11/22/2022	DHM

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 12/1/2022
ALS SDG#: EV22110078
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BSD	NWTPH-DX	**101**	**5**		75.5	122.1	11/22/2022	DHM

ALS Test Batch ID: 186596 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**104**			75.5	122.1	11/22/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**106**	**1**		75.5	122.1	11/23/2022	DHM

ALS Test Batch ID: 186413 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**94.2**			20	150	11/18/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**94.1**	**0**		20	150	11/18/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**95.1**			20	150	11/18/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**96.9**	**2**		20	150	11/18/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**88.0**			20	150	11/18/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**88.4**	**1**		20	150	11/18/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**119**			20	150	11/18/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**112**	**6**		20	150	11/18/2022	JMK
Chrysene - BS	EPA-8270 SIM	**102**			20	150	11/18/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**97.3**	**5**		20	150	11/18/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**111**			20	150	11/18/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**106**	**5**		20	150	11/18/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**100**			20	150	11/18/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**97.0**	**3**		20	150	11/18/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**105**			20	150	11/18/2022	JMK
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**100**	**5**		20	150	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**116**			20	150	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**112**	**4**		20	150	11/18/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**113**			20	150	11/18/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**109**	**4**		20	150	11/18/2022	JMK

SURROGATE	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14 - BS	EPA-8270 SIM	**137**		LCS06	58	132	11/18/2022	JMK

LCS06 - The LCS and/or LCSD recovery was outside of the upper control limit but within the Sporadic Marginal Exceedance limit for an analyte that is not a project-specific analyte of concern. No qualification is necessary for this analyte:

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 12/1/2022
ALS SDG#: EV22110078
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 186606 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**81.8**			20	150	11/18/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**87.6**	**7**		20	150	11/18/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**81.8**			20	150	11/18/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**85.2**	**4**		20	150	11/18/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**74.5**			20	150	11/18/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**78.2**	**5**		20	150	11/18/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**99.1**			20	150	11/18/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**102**	**3**		20	150	11/18/2022	JMK
Chrysene - BS	EPA-8270 SIM	**85.7**			20	150	11/18/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**88.6**	**3**		20	150	11/18/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**94.1**			20	150	11/18/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**96.0**	**2**		20	150	11/18/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**86.3**			20	150	11/18/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**87.4**	**1**		20	150	11/18/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**89.9**			20	150	11/18/2022	JMK
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**91.5**	**2**		20	150	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**99.5**			20	150	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**101**	**2**		20	150	11/18/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**97.2**			20	150	11/18/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**98.7**	**1**		20	150	11/18/2022	JMK

ALS Test Batch ID: 186289 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**96.1**			80	120	11/16/2022	EBS
Lead - BSD	EPA-6020	**97.5**	**1**		80	120	11/16/2022	EBS

ALS Test Batch ID: 186291 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**98.2**			80	120	11/16/2022	EBS
Lead - BSD	EPA-6020	**96.5**	**2**		80	120	11/16/2022	EBS

APPROVED BY

Laboratory Director

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EV2211 0078

Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.:

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)
CS-70 6ft	Soil	11/9/22	955	1	2	x	x	x	x	x	x
CS-71 5ft	Soil	11/9/22	1000	2	2	x	x	x	x	x	x
CS-72 5ft	Soil	11/9/22	1010	3	2	x	x	x	x	x	x
CS-73 5ft	Soil	11/9/22	1015	4	2	x	x	x	x	x	x
CS-74 5ft	Soil	11/9/22	1025	5	2	x	x	x	x	x	x
CS-75 6.5ft	Soil	11/9/22	1030	6	2	x	x	x	x	x	x
CS-76 6ft	Soil	11/9/22	1300	7	2	x	x	x	x	x	x
CS-77 6.25ft	Soil	11/9/22	1310	8	2	x	x	x	x	x	x
CS-78 5ft	Soil	11/9/22	1315	9	2	x	x	x	x	x	x
CS-79 5ft	Soil	11/9/22	1320	10	2	x	x	x	x	x	x
CS-80 5ft	Soil	11/9/22	1325	11	2	x	x	x	x	x	x
CS-81 5ft	Soil	11/9/22	1330	12	2	x	x	x	x	x	x
CS-82 5ft	Soil	11/9/22	1335	13	2	x	x	x	x	x	x
CS-83 10.25ft	Soil	11/9/22	1515	14	2	x	x	x	x	x	x

TAT

- ■ Routine 10 Day
- ☐ 24 hours * 100%
- ☐ 48 hours* 80%
- ☐ 3 Day* 60%
- ☐ 5 day* 50%

* Please call for availability

Due Date:

Comments

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Matt Roberts	Matt	11/11/22 10:55	Max Christoffel		11/11/22 1055

Revised : 11/11/2022

Chain of Custody

EV2211007B

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.:

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

TAT

- ■ Routine 10 Day
- ☐ 24 hours * 100%
- ☐ 48 hours* 80%
- ☐ 3 Day* 60%
- ☐ 5 day* 50%

* **Please call for availability**

Due Date:

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)	Comments
CS-84 7.5-8ft	Soil	11/10/22	9:15	15	2	x	x	x	x	x	x	
CS-85 7.5-8ft	Soil	11/10/22	9:45	16	2	x	x	x	x	x	x	
CS-86 8.75ft	Soil	11/10/22	10:05	17	2	x	x	x	x	x	x	
CS-87 7.5-8ft	Soil	11/10/22	12:30	19	2	x	x	x	x	x	x	
CS-88 9.5ft	Soil	11/10/22	12:50	19	2	x	x	x	x	x	x	
CS-89 7.5-8ft	Soil	11/10/22	14:30	20	2	x	x	x	x	x	x	
CS-90 7.5-8ft	Soil	11/10/22	14:50	21	2	x	x	x	x	x	x	
CS-91 10.5ft	Soil	11/10/22	15:10	22	2	x	x	x	x	x	x	

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Matt Roberts		11/11/22 10:55	Max Christoffel		11/11/22 1055

Revised : 11/11/2022

ALS ENVIRONMENTAL

Sample Receiving Checklist

Client: Whatcom Env ALS Job #: EV2211078

Project: Sunset Commons

Received Date: 11/11/22 Received Time: 10:53 By: MGC

Type of shipping container: Cooler X Box ____ Other ____

Shipped via: FedEx Ground ____ UPS ____ Mail ____ Courier ALS X Hand Delivered ____
FedEx Express ____

	Yes	No	N/A
Were custody seals on outside of shipping container?	____	X	____
If yes, how many? ____ Where? ____			
Custody seal date: ____ Seal name: ____			
Was Chain of Custody properly filled out (ink, signed, dated, etc.)?	X	____	____
Did all bottles have labels?	X	____	____
Did all bottle labels and tags agree with Chain of Custody?	X	____	____
Were samples received within hold time?	X	____	____
Did all bottles arrive in good condition (unbroken, etc.)?	X	____	____
Was sufficient amount of sample sent for the tests indicated?	X	____	____
Was correct preservation added to samples?	X	____	____

If no, Sample Control added preservative to the following:

Sample Number	Reagent	Analyte

22 ~~Low~~ high kits on

Were VOA vials checked for absence of air bubbles?	____	____	X
Bubbles present in sample #: ____			

Temperature of cooler upon receipt: 6.7 °C on Ice Cold Cool Ambient N/A

Explain any discrepancies: ____

Was client contacted? ____ Who was called? ____ By whom? ____ Date: ____

Outcome of call: ____

November 28, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On November 14th, 5 samples were received by our laboratory and assigned our laboratory project number EV22110085. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	11/28/2022
		ALS JOB#:	EV22110085
		ALS SAMPLE#:	EV22110085-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/11/2022 8:55:00 AM
CLIENT SAMPLE ID	CS-92 10.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/19/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/19/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/19/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/19/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/19/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/23/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**5.9**	0.10	1	MG/KG	11/21/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**70.2**	11/19/2022	KLS
TFT	EPA-8021	**97.5**	11/19/2022	KLS
C25	NWTPH-DX	**84.4**	11/23/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**105**	11/18/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	11/28/2022
		ALS JOB#:	EV22110085
		ALS SAMPLE#:	EV22110085-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/11/2022 12:20:00 PM
CLIENT SAMPLE ID	CS-93 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/19/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/19/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/19/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/19/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/19/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/23/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**7.0**	0.10	1	MG/KG	11/21/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**68.2**	11/19/2022	KLS
TFT	EPA-8021	**97.1**	11/19/2022	KLS
C25	NWTPH-DX	**84.2**	11/23/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**121**	11/18/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	11/28/2022 EV22110085 EV22110085-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/11/2022 12:30:00 PM
CLIENT SAMPLE ID	CS-94 10.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/19/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/19/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/19/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/19/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/19/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/23/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Lead	EPA-6020	**5.3**	0.10	1	MG/KG	11/21/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**69.3**	11/19/2022	KLS
TFT	EPA-8021	**106**	11/19/2022	KLS
C25	NWTPH-DX	**80.1**	11/23/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**129**	11/26/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	11/28/2022
		ALS JOB#:	EV22110085
		ALS SAMPLE#:	EV22110085-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/11/2022 2:40:00 PM
CLIENT SAMPLE ID	CS-95 10.75ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/19/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/19/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/19/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/19/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/19/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/23/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/18/2022	JMK
Lead	EPA-6020	**4.9**	0.10	1	MG/KG	11/21/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**74.7**	11/19/2022	KLS
TFT	EPA-8021	**99.9**	11/19/2022	KLS
C25	NWTPH-DX	**116**	11/23/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**117**	11/18/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	11/28/2022
		ALS JOB#:	EV22110085
		ALS SAMPLE#:	EV22110085-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/11/2022 3:10:00 PM
CLIENT SAMPLE ID	CS-96 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/19/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/19/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/19/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/19/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/19/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/23/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	**63**	20	1	UG/KG	11/26/2022	JMK
Chrysene	EPA-8270 SIM	**100**	20	1	UG/KG	11/26/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	**78**	20	1	UG/KG	11/26/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	**36**	20	1	UG/KG	11/26/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	**43**	20	1	UG/KG	11/26/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**30**	20	1	UG/KG	11/26/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	11/26/2022	JMK
Lead	EPA-6020	**6.9**	0.10	1	MG/KG	11/21/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**70.7**	11/19/2022	KLS
TFT	EPA-8021	**94.6**	11/19/2022	KLS
C25	NWTPH-DX	**94.8**	11/23/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**116**	11/26/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	11/28/2022
		ALS SDG#:	EV22110085
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-111922S - Batch 186457 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	11/19/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-111922S - Batch 186457 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	11/19/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	11/19/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	11/19/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	11/19/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-112222S - Batch 186596 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	11/22/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-111722S - Batch 186413 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	11/18/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-112122S - Batch 186438 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	11/21/2022	RAL

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	11/28/2022
		ALS SDG#:	EV22110085
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-112122S - Batch 186438 - Soil by EPA-6020

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 11/28/2022
ALS SDG#: EV22110085
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 186457 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**95.9**			66.5	122.7	11/19/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**98.5**	**3**		66.5	122.7	11/19/2022	KLS

ALS Test Batch ID: 186457 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**107**			67.7	124	11/19/2022	KLS
Benzene - BSD	EPA-8021	**111**	**4**		67.7	124	11/19/2022	KLS
Toluene - BS	EPA-8021	**112**			71	123	11/19/2022	KLS
Toluene - BSD	EPA-8021	**113**	**1**		71	123	11/19/2022	KLS
Ethylbenzene - BS	EPA-8021	**111**			69.8	117	11/19/2022	KLS
Ethylbenzene - BSD	EPA-8021	**106**	**5**		69.8	117	11/19/2022	KLS
Xylenes - BS	EPA-8021	**111**			70	119	11/19/2022	KLS
Xylenes - BSD	EPA-8021	**104**	**6**		70	119	11/19/2022	KLS

ALS Test Batch ID: 186596 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**104**			75.5	122.1	11/22/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**106**	**1**		75.5	122.1	11/23/2022	DHM

ALS Test Batch ID: 186413 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**94.2**			20	150	11/18/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**94.1**	**0**		20	150	11/18/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**95.1**			20	150	11/18/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**96.9**	**2**		20	150	11/18/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**88.0**			20	150	11/18/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**88.4**	**1**		20	150	11/18/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**119**			20	150	11/18/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**112**	**6**		20	150	11/18/2022	JMK
Chrysene - BS	EPA-8270 SIM	**102**			20	150	11/18/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**97.3**	**5**		20	150	11/18/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**111**			20	150	11/18/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**106**	**5**		20	150	11/18/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**100**			20	150	11/18/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**97.0**	**3**		20	150	11/18/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**105**			20	150	11/18/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	11/28/2022
		ALS SDG#:	EV22110085
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**100**	**5**		20	150	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**116**			20	150	11/18/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**112**	**4**		20	150	11/18/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**113**			20	150	11/18/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**109**	**4**		20	150	11/18/2022	JMK

SURROGATE	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Terphenyl-d14 - BS	EPA-8270 SIM	**137**		LCS06	58	132	11/18/2022	JMK

LCS06 - The LCS and/or LCSD recovery was outside of the upper control limit but within the Sporadic Marginal Exceedance limit for an analyte that is not a project-specific analyte of concern. No qualification is necessary for this analyte:

ALS Test Batch ID: 186438 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**104**			80	120	11/21/2022	RAL
Lead - BSD	EPA-6020	**104**	**1**		80	120	11/21/2022	RAL

APPROVED BY

Laboratory Director

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Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.: Ev221100 85

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)
CS-92 10.5ft	Soil	11/11/22	855		2	x	x	x	x	x	x
CS-93 7.5-8ft	Soil	11/11/22	1220		2	x	x	x	x	x	x
CS-94 10.5ft	Soil	11/11/22	1230		2	x	x	x	x	x	x
CS-95 10.75ft	Soil	11/11/22	1440		2	x	x	x	x	x	x
CS-96 7.5-8ft	Soil	11/11/22	1510		2	x	x	x	x	x	x

TAT

- [x] Routine 10 Day
- [ ] 24 hours * 100%
- [ ] 48 hours* 80%
- [ ] 3 Day* 60%
- [ ] 5 day* 50%

* Please call for availability

Due Date:

Comments

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Ava Gempler		11/14/22 9:56am	Meg Hamer		11:14 9:56

Revised : 11/14/2022

ALS ENVIRONMENTAL

Sample Receiving Checklist

Client: Whatcom Env. ALS Job #: Ev2211008 5

Project: Sunset Commons

Received Date: 11/14/22 Received Time: 9:56 am By: MH

Type of shipping container: Cooler X Box ____ Other ____

Shipped via: FedEx Ground ____ UPS ____ Mail ____ Courier X Hand Delivered ____
FedEx Express ____ ALS

	Yes	No	N/A
Were custody seals on outside of shipping container?	____	X	____
If yes, how many? ____ Where? ____			
Custody seal date: ____ Seal name: ____			
Was Chain of Custody properly filled out (ink, signed, dated, etc.)?	X	____	____
Did all bottles have labels?	X	____	____
Did all bottle labels and tags agree with Chain of Custody?	X	____	____
Were samples received within hold time?	X	____	____
Did all bottles arrive in good condition (unbroken, etc.)?	X	X	____
Was sufficient amount of sample sent for the tests indicated?	X	____	____
Was correct preservation added to samples?	X	____	____

If no, Sample Control added preservative to the following:

Sample Number	Reagent	Analyte
____	____	____
____	____	____
____	____	____

5 high HNS

Were VOA vials checked for absence of air bubbles?	____	____	X
Bubbles present in sample #: ____			

Temperature of cooler upon receipt: 6.8 °C Ice Cold Cool Ambient N/A

Explain any discrepancies: ____

Was client contacted? ____ Who was called? ____ By whom? ____ Date: ____

Outcome of call: ____

December 5, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On November 17th, 11 samples were received by our laboratory and assigned our laboratory project number EV22110109. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22110109 EV22110109-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/17/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/14/2022 9:50:00 AM
CLIENT SAMPLE ID	CS-97 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR		UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1		MG/KG	11/19/2022	KLS
Benzene	EPA-8021	U	0.030	1		MG/KG	11/19/2022	KLS
Toluene	EPA-8021	U	0.050	1		MG/KG	11/19/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1		MG/KG	11/19/2022	KLS
Xylenes	EPA-8021	U	0.20	1		MG/KG	11/19/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1		MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1		MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Chrysene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Lead	EPA-6020	**6.5**	0.10	1		MG/KG	11/21/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**75.1**	11/19/2022	KLS
TFT	EPA-8021	**116**	11/19/2022	KLS
C25	NWTPH-DX	**83.1**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**69.1**	12/02/2022	JMK

HT03 -Sample extracted outside of the holding time due to laboratory error. Sample results should be considered estimated.
U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22110109 EV22110109-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/17/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/14/2022 10:40:00 AM
CLIENT SAMPLE ID	CS-98 10.75ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR		UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1		MG/KG	11/19/2022	KLS
Benzene	EPA-8021	U	0.030	1		MG/KG	11/19/2022	KLS
Toluene	EPA-8021	U	0.050	1		MG/KG	11/19/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1		MG/KG	11/19/2022	KLS
Xylenes	EPA-8021	U	0.20	1		MG/KG	11/19/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1		MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1		MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Chrysene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Lead	EPA-6020	**5.2**	0.10	1		MG/KG	11/21/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**79.8**	11/19/2022	KLS
TFT	EPA-8021	**95.6**	11/19/2022	KLS
C25	NWTPH-DX	**84.5**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**82.2**	12/02/2022	JMK

HT03 -Sample extracted outside of the holding time due to laboratory error. Sample results should be considered estimated.
U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22110109 EV22110109-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/17/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/14/2022 10:50:00 AM
CLIENT SAMPLE ID	CS-99 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR		UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**4.0**	3.0	1		MG/KG	11/20/2022	KLS
Benzene	EPA-8021	U	0.030	1		MG/KG	11/20/2022	KLS
Toluene	EPA-8021	U	0.050	1		MG/KG	11/20/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1		MG/KG	11/20/2022	KLS
Xylenes	EPA-8021	U	0.20	1		MG/KG	11/20/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1		MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1		MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Chrysene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Lead	EPA-6020	**6.2**	0.10	1		MG/KG	11/21/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**82.3**	11/20/2022	KLS
TFT	EPA-8021	**108**	11/20/2022	KLS
C25	NWTPH-DX	**89.2**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**81.6**	12/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
HT03 -Sample extracted outside of the holding time due to laboratory error. Sample results should be considered estimated.
Chromatogram indicates that it is likely that sample contains an unidentified gasoline range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22110109 EV22110109-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/17/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/14/2022 2:00:00 PM
CLIENT SAMPLE ID	CS-100 10.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR		UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1		MG/KG	11/20/2022	KLS
Benzene	EPA-8021	U	0.030	1		MG/KG	11/20/2022	KLS
Toluene	EPA-8021	U	0.050	1		MG/KG	11/20/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1		MG/KG	11/20/2022	KLS
Xylenes	EPA-8021	U	0.20	1		MG/KG	11/20/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1		MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1		MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	**33 HT03**	20	1		UG/KG	12/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	**21 HT03**	20	1		UG/KG	12/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Chrysene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Lead	EPA-6020	**5.3**	0.10	1		MG/KG	11/21/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**74.9**	11/20/2022	KLS
TFT	EPA-8021	**101**	11/20/2022	KLS
C25	NWTPH-DX	**83.4**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**88.5**	12/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
HT03 -Sample extracted outside of the holding time due to laboratory error. Sample results should be considered estimated.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22110109 EV22110109-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/17/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/14/2022 2:30:00 PM
CLIENT SAMPLE ID	CS-101 7.5-8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR		UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1		MG/KG	11/20/2022	KLS
Benzene	EPA-8021	U	0.030	1		MG/KG	11/20/2022	KLS
Toluene	EPA-8021	U	0.050	1		MG/KG	11/20/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1		MG/KG	11/20/2022	KLS
Xylenes	EPA-8021	U	0.20	1		MG/KG	11/20/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1		MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1		MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Chrysene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U, HT03	20	1		UG/KG	12/02/2022	JMK
Lead	EPA-6020	**6.3**	0.10	1		MG/KG	11/21/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**76.9**	11/20/2022	KLS
TFT	EPA-8021	**109**	11/20/2022	KLS
C25	NWTPH-DX	**69.8**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**78.9**	12/02/2022	JMK

HT03 -Sample extracted outside of the holding time due to laboratory error. Sample results should be considered estimated.
U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22110109 EV22110109-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/17/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/15/2022 12:50:00 PM
CLIENT SAMPLE ID	CS-102 8ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/20/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/20/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/20/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/20/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/20/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Lead	EPA-6020	**4.9**	0.10	1	MG/KG	11/21/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**53.8 SUR12**	11/20/2022	KLS
TFT	EPA-8021	**90.6**	11/20/2022	KLS
C25	NWTPH-DX	**66.0**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**79.6**	12/02/2022	JMK

SUR12 -Surrogate recoveries were outside of the control limits due to matrix interference.
U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22110109 EV22110109-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/17/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/15/2022 1:25:00 PM
CLIENT SAMPLE ID	CS-103 9.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/20/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/20/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/20/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/20/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/20/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/23/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Lead	EPA-6020	**5.6**	0.10	1	MG/KG	11/21/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**62.7**	11/20/2022	KLS
TFT	EPA-8021	**88.7**	11/20/2022	KLS
C25	NWTPH-DX	**94.7**	11/23/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**84.8**	12/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22110109 EV22110109-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/17/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/15/2022 1:50:00 PM
CLIENT SAMPLE ID	CS-104 8.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/20/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/20/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/20/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/20/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/20/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Lead	EPA-6020	**4.5**	0.10	1	MG/KG	11/21/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**60.7**	11/20/2022	KLS
TFT	EPA-8021	**78.4**	11/20/2022	KLS
C25	NWTPH-DX	**112**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**78.0**	12/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22110109 EV22110109-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/17/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/15/2022 2:10:00 PM
CLIENT SAMPLE ID	CS-105 9ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/20/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/20/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/20/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/20/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/20/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Lead	EPA-6020	**4.3**	0.10	1	MG/KG	11/21/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**65.6**	11/20/2022	KLS
TFT	EPA-8021	**85.4**	11/20/2022	KLS
C25	NWTPH-DX	**102**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**95.9**	12/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22110109 EV22110109-10
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/17/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/15/2022 3:40:00 PM
CLIENT SAMPLE ID	CS-106 8.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/20/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/20/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/20/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/20/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/20/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Lead	EPA-6020	**4.4**	0.10	1	MG/KG	11/21/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**65.3**	11/20/2022	KLS
TFT	EPA-8021	**80.2**	11/20/2022	KLS
C25	NWTPH-DX	**86.8**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**79.7**	12/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/5/2022 EV22110109 EV22110109-11
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	11/17/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	11/15/2022 3:50:00 PM
CLIENT SAMPLE ID	CS-107 10.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	11/20/2022	KLS
Benzene	EPA-8021	U	0.030	1	MG/KG	11/20/2022	KLS
Toluene	EPA-8021	U	0.050	1	MG/KG	11/20/2022	KLS
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	11/20/2022	KLS
Xylenes	EPA-8021	U	0.20	1	MG/KG	11/20/2022	KLS
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	11/22/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	12/02/2022	JMK
Lead	EPA-6020	**5.1**	0.10	1	MG/KG	11/21/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**74.5**	11/20/2022	KLS
TFT	EPA-8021	**102**	11/20/2022	KLS
C25	NWTPH-DX	**89.0**	11/22/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**81.7**	12/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS SDG#:	EV22110109
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-111922S - Batch 186457 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	11/19/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-111922S - Batch 186457 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	11/19/2022	KLS
Toluene	EPA-8021	U	MG/KG	0.050	11/19/2022	KLS
Ethylbenzene	EPA-8021	U	MG/KG	0.050	11/19/2022	KLS
Xylenes	EPA-8021	U	MG/KG	0.20	11/19/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-112122S - Batch 186582 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	11/22/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	11/22/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-112922S - Batch 186906 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
Chrysene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	12/02/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MB-112122S - Batch 186438 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	11/21/2022	RAL

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS SDG#:	EV22110109
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-112122S - Batch 186438 - Soil by EPA-6020

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 12/5/2022
ALS SDG#: EV22110109
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 186457 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**95.9**			66.5	122.7	11/19/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**98.5**	**3**		66.5	122.7	11/19/2022	KLS

ALS Test Batch ID: 186457 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**107**			67.7	124	11/19/2022	KLS
Benzene - BSD	EPA-8021	**111**	**4**		67.7	124	11/19/2022	KLS
Toluene - BS	EPA-8021	**112**			71	123	11/19/2022	KLS
Toluene - BSD	EPA-8021	**113**	**1**		71	123	11/19/2022	KLS
Ethylbenzene - BS	EPA-8021	**111**			69.8	117	11/19/2022	KLS
Ethylbenzene - BSD	EPA-8021	**106**	**5**		69.8	117	11/19/2022	KLS
Xylenes - BS	EPA-8021	**111**			70	119	11/19/2022	KLS
Xylenes - BSD	EPA-8021	**104**	**6**		70	119	11/19/2022	KLS

ALS Test Batch ID: 186582 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**105**			75.5	122.1	11/22/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**101**	**5**		75.5	122.1	11/22/2022	DHM

ALS Test Batch ID: 186906 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**104**			20	150	12/02/2022	JMK
Naphthalene - BSD	EPA-8270 SIM	**108**	**4**		20	150	12/02/2022	JMK
2-Methylnaphthalene - BS	EPA-8270 SIM	**104**			20	150	12/02/2022	JMK
2-Methylnaphthalene - BSD	EPA-8270 SIM	**108**	**4**		20	150	12/02/2022	JMK
1-Methylnaphthalene - BS	EPA-8270 SIM	**101**			20	150	12/02/2022	JMK
1-Methylnaphthalene - BSD	EPA-8270 SIM	**105**	**4**		20	150	12/02/2022	JMK
Benzo[A]Anthracene - BS	EPA-8270 SIM	**110**			20	150	12/02/2022	JMK
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**113**	**3**		20	150	12/02/2022	JMK
Chrysene - BS	EPA-8270 SIM	**112**			20	150	12/02/2022	JMK
Chrysene - BSD	EPA-8270 SIM	**117**	**5**		20	150	12/02/2022	JMK
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**105**			20	150	12/02/2022	JMK
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**112**	**6**		20	150	12/02/2022	JMK
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**110**			20	150	12/02/2022	JMK
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**115**	**4**		20	150	12/02/2022	JMK
Benzo[A]Pyrene - BS	EPA-8270 SIM	**113**			20	150	12/02/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/5/2022
		ALS SDG#:	EV22110109
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**116**	**3**		20	150	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**125**			20	150	12/02/2022	JMK
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**128**	**2**		20	150	12/02/2022	JMK
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**128**			20	150	12/02/2022	JMK
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**129**	**1**		20	150	12/02/2022	JMK

ALS Test Batch ID: 186438 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**104**			80	120	11/21/2022	RAL
Lead - BSD	EPA-6020	**104**	**1**		80	120	11/21/2022	RAL

APPROVED BY

Laboratory Director

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EV2211019

Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.:

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)	Comments
CS-97 7.5-8ft	Soil	11/14/22	0950	1	2	x	x	x	x	x	x	
CS-98 10.75ft	Soil	11/14/22	1040	2	2	x	x	x	x	x	x	
CS-99 7.5-8ft	Soil	11/14/22	1050	3	2	x	x	x	x	x	x	
CS-100 10.5ft	Soil	11/14/22	1400	4	2	x	x	x	x	x	x	
CS-101 7.5-8ft	Soil	11/14/22	1430	5	2	x	x	x	x	x	x	
CS-102 8ft	Soil	11/15/22	1250	6	2	x	x	x	x	x	x	
CS-103 9.5ft	Soil	11/15/22	1325	7	2	x	x	x	x	x	x	
CS-104 8.5ft	Soil	11/15/22	1350	8	2	x	x	x	x	x	x	
CS-105 9ft	Soil	11/15/22	1410	9	2	x	x	x	x	x	x	
CS-106 8.5ft	Soil	11/15/22	1540	10	2	x	x	x	x	x	x	
CS-107 10.5ft	Soil	11/15/22	1550	11	2	x	x	x	x	x	x	

TAT

- [x] Routine 10 Day
- [ ] 24 hours * 100%
- [ ] 48 hours* 80%
- [ ] 3 Day* 60%
- [ ] 5 day* 50%

* Please call for availability

Due Date:

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Thom Davis		1030 on 11/17/22	Max Christoffel		1030 11/17/22
~~Max Christoffel~~		~~1030 11/17/22~~			

Revised : 11/16/2022

January 6, 2023

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On December 16th, 6 samples were received by our laboratory and assigned our laboratory project number EV22120112. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/6/2023 EV22120112 EV22120112-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/16/2022 9:30:00 AM
CLIENT SAMPLE ID	CS-108 1ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**12**	3.0	1	MG/KG	12/22/2022	MWW
Benzene	EPA-8021	U	0.030	1	MG/KG	12/22/2022	MWW
Toluene	EPA-8021	U	0.050	1	MG/KG	12/22/2022	MWW
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/22/2022	MWW
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/22/2022	MWW
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/30/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/30/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
Lead	EPA-6020	**11**	0.10	1	MG/KG	12/19/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**144 GS1**	12/22/2022	MWW
TFT	EPA-8021	**128**	12/22/2022	MWW
C25	NWTPH-DX	**98.3**	12/30/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**95.0**	01/05/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
GS1 - Surrogate outside of control limits due to matrix effect.
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.
Gasoline range product results biased high due to semivolatile range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/6/2023 EV22120112 EV22120112-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/16/2022 9:35:00 AM
CLIENT SAMPLE ID	CS-109 1ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**23**	3.0	1	MG/KG	12/22/2022	MWW
Benzene	EPA-8021	U	0.030	1	MG/KG	12/22/2022	MWW
Toluene	EPA-8021	U	0.050	1	MG/KG	12/22/2022	MWW
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/22/2022	MWW
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/22/2022	MWW
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/30/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/30/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/05/2023	DBA
Lead	EPA-6020	**10**	0.10	1	MG/KG	12/19/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**82.8**	12/22/2022	MWW
TFT	EPA-8021	**69.2**	12/22/2022	MWW
C25	NWTPH-DX	**102**	12/30/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**81.1**	01/05/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains highly weathered gasoline.
Gasoline range product results biased high due to semivolatile range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/6/2023 EV22120112 EV22120112-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/16/2022 10:15:00 AM
CLIENT SAMPLE ID	CS-110 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/22/2022	MWW
Benzene	EPA-8021	U	0.030	1	MG/KG	12/22/2022	MWW
Toluene	EPA-8021	U	0.050	1	MG/KG	12/22/2022	MWW
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/22/2022	MWW
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/22/2022	MWW
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/30/2022	DHM
TPH-Oil Range	NWTPH-DX	**57**	50	1	MG/KG	12/30/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Lead	EPA-6020	**10**	0.10	1	MG/KG	12/19/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**134**	12/22/2022	MWW
TFT	EPA-8021	**108**	12/22/2022	MWW
C25	NWTPH-DX	**94.4**	12/30/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**76.4**	01/03/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/6/2023 EV22120112 EV22120112-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/16/2022 10:25:00 AM
CLIENT SAMPLE ID	CS-111 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/22/2022	MWW
Benzene	EPA-8021	U	0.030	1	MG/KG	12/22/2022	MWW
Toluene	EPA-8021	U	0.050	1	MG/KG	12/22/2022	MWW
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/22/2022	MWW
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/22/2022	MWW
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/30/2022	DHM
TPH-Oil Range	NWTPH-DX	**52**	50	1	MG/KG	12/30/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Lead	EPA-6020	**16**	0.10	1	MG/KG	12/19/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**109**	12/22/2022	MWW
TFT	EPA-8021	**95.0**	12/22/2022	MWW
C25	NWTPH-DX	**109**	12/30/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**91.0**	01/03/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/6/2023 EV22120112 EV22120112-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/16/2022 10:40:00 AM
CLIENT SAMPLE ID	CS-112 1.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/22/2022	MWW
Benzene	EPA-8021	U	0.030	1	MG/KG	12/22/2022	MWW
Toluene	EPA-8021	U	0.050	1	MG/KG	12/22/2022	MWW
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/22/2022	MWW
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/22/2022	MWW
TPH-Diesel Range	NWTPH-DX	**150**	25	1	MG/KG	12/30/2022	DHM
TPH-Oil Range	NWTPH-DX	**730**	50	1	MG/KG	12/30/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	**57**	20	1	UG/KG	01/03/2023	DBA
Chrysene	EPA-8270 SIM	**69**	20	1	UG/KG	01/03/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	**84**	20	1	UG/KG	01/03/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	**39**	20	1	UG/KG	01/03/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	**60**	20	1	UG/KG	01/03/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**44**	20	1	UG/KG	01/03/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Lead	EPA-6020	**8.5**	0.10	1	MG/KG	12/19/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**123**	12/22/2022	MWW
TFT	EPA-8021	**108**	12/22/2022	MWW
C25	NWTPH-DX	**108**	12/30/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**108**	01/03/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains weathered diesel and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	1/6/2023 EV22120112 EV22120112-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	12/16/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/16/2022 11:10:00 AM
CLIENT SAMPLE ID	CS-113 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	12/22/2022	MWW
Benzene	EPA-8021	U	0.030	1	MG/KG	12/22/2022	MWW
Toluene	EPA-8021	U	0.050	1	MG/KG	12/22/2022	MWW
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	12/22/2022	MWW
Xylenes	EPA-8021	U	0.20	1	MG/KG	12/22/2022	MWW
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	12/30/2022	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	12/30/2022	DHM
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	01/03/2023	DBA
Lead	EPA-6020	**5.7**	0.10	1	MG/KG	12/19/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**128**	12/22/2022	MWW
TFT	EPA-8021	**113**	12/22/2022	MWW
C25	NWTPH-DX	**94.2**	12/30/2022	DHM
Terphenyl-d14	EPA-8270 SIM	**85.8**	01/03/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/6/2023
		ALS SDG#:	EV22120112
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-122222S - Batch 187861 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	12/22/2022	MWW

U - Analyte analyzed for but not detected at level above reporting limit.

MB-122222S - Batch 187861 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	12/22/2022	MWW
Toluene	EPA-8021	U	MG/KG	0.050	12/22/2022	MWW
Ethylbenzene	EPA-8021	U	MG/KG	0.050	12/22/2022	MWW
Xylenes	EPA-8021	U	MG/KG	0.20	12/22/2022	MWW

U - Analyte analyzed for but not detected at level above reporting limit.

MB-123022S - Batch 188019 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	12/30/2022	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	12/30/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-123022S - Batch 188148 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	01/03/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	01/03/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	01/03/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	01/03/2023	DBA
Chrysene	EPA-8270 SIM	U	UG/KG	20	01/03/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	01/03/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	01/03/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	01/03/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	01/03/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	01/03/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

MB-121722S - Batch 187518 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	12/19/2022	EBS

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS SDG#: WDOE ACCREDITATION:	1/6/2023 EV22120112 C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-121722S - Batch 187518 - Soil by EPA-6020

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 1/6/2023
ALS SDG#: EV22120112
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 187861 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**105**			66.5	122.7	12/22/2022	MWW
TPH-Volatile Range - BSD	NWTPH-GX	**113**	**7**		66.5	122.7	12/22/2022	MWW

SURROGATE	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TFT - BSD	NWTPH-GX	**144**		S	60	140	12/22/2022	MWW

S - Outside of control limits.

ALS Test Batch ID: 187861 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**98.9**			67.7	124	12/22/2022	MWW
Benzene - BSD	EPA-8021	**96.2**	**3**		67.7	124	12/22/2022	MWW
Toluene - BS	EPA-8021	**102**			71	123	12/22/2022	MWW
Toluene - BSD	EPA-8021	**99.4**	**3**		71	123	12/22/2022	MWW
Ethylbenzene - BS	EPA-8021	**102**			69.8	117	12/22/2022	MWW
Ethylbenzene - BSD	EPA-8021	**98.4**	**3**		69.8	117	12/22/2022	MWW
Xylenes - BS	EPA-8021	**103**			70	119	12/22/2022	MWW
Xylenes - BSD	EPA-8021	**101**	**3**		70	119	12/22/2022	MWW

ALS Test Batch ID: 188019 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**99.3**			75.5	122.1	12/30/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**101**	**2**		75.5	122.1	12/30/2022	DHM

ALS Test Batch ID: 188148 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**104**			20	150	01/03/2023	DBA
Naphthalene - BSD	EPA-8270 SIM	**125**	**18**		20	150	01/03/2023	DBA
2-Methylnaphthalene - BS	EPA-8270 SIM	**96.9**			20	150	01/03/2023	DBA
2-Methylnaphthalene - BSD	EPA-8270 SIM	**120**	**21**		20	150	01/03/2023	DBA
1-Methylnaphthalene - BS	EPA-8270 SIM	**106**			20	150	01/03/2023	DBA
1-Methylnaphthalene - BSD	EPA-8270 SIM	**127**	**18**		20	150	01/03/2023	DBA
Benzo[A]Anthracene - BS	EPA-8270 SIM	**88.9**			20	150	01/03/2023	DBA
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**108**	**19**		20	150	01/03/2023	DBA
Chrysene - BS	EPA-8270 SIM	**114**			20	150	01/03/2023	DBA
Chrysene - BSD	EPA-8270 SIM	**132**	**15**		20	150	01/03/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	1/6/2023
		ALS SDG#:	EV22120112
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**90.0**			20	150	01/03/2023	DBA
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**103**	**14**		20	150	01/03/2023	DBA
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**130**			20	150	01/03/2023	DBA
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**146**	**11**		20	150	01/03/2023	DBA
Benzo[A]Pyrene - BS	EPA-8270 SIM	**103**			20	150	01/03/2023	DBA
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**120**	**15**		20	150	01/03/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**99.2**			20	150	01/03/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**114**	**14**		20	150	01/03/2023	DBA
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**92.1**			20	150	01/03/2023	DBA
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**108**	**16**		20	150	01/03/2023	DBA

ALS Test Batch ID: 187518 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**101**			80	120	12/19/2022	EBS
Lead - BSD	EPA-6020	**102**	**1**		80	120	12/19/2022	EBS

APPROVED BY

Laboratory Director

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Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.: EV2212011 2

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)
CS-108 1ft	Soil	12/16/22	930	1	2	x	x	x	x	x	x
CS-109 1ft	Soil	12/16/22	935	2	2	x	x	x	x	x	x
CS-110 1.5ft	Soil	12/16/22	1015	3	2	x	x	x	x	x	x
CS-111 1.5ft	Soil	12/16/22	1025	4	2	x	x	x	x	x	x
CS-112 1.5ft	Soil	12/16/22	1040	5	2	x	x	x	x	x	x
CS-113 2.5ft	Soil	12/16/22	1110	6	2	x	x	x	x	x	x

TAT

- [x] Routine 10 Day
- [ ] 24 hours * 100%
- [ ] 48 hours* 80%
- [ ] 3 Day* 60%
- [ ] 5 day* 50%

* Please call for availability

Due Date:

Comments

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Thom Davis		12/16/22 @ 1330	Caw ALS 12-15	-22 3:20	
Gabrielle Hewitt	Gabrielle Hewitt				

Revised : 12/16/2022

June 23, 2023

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On June 19th, 6 samples were received by our laboratory and assigned our laboratory project number EV23060101. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Rob Greer
Laboratory Director

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ALS Group USA, Corp dba ALS Environmental

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/23/2023
		ALS JOB#:	EV23060101
		ALS SAMPLE#:	EV23060101-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/19/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/16/2023 1:00:00 PM
CLIENT SAMPLE ID	CS-114 4ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	06/20/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	06/20/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	06/20/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	06/20/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	06/20/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	06/22/2023	DHM
TPH-Diesel Range	NWTPH-DX w/ SGA	U	25	1	MG/KG	06/22/2023	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	06/22/2023	DHM
TPH-Oil Range	NWTPH-DX w/ SGA	U	50	1	MG/KG	06/22/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	06/21/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	06/21/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	6/23/2023 EV23060101 EV23060101-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/19/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/16/2023 1:00:00 PM
CLIENT SAMPLE ID	CS-114 4ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Chlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	06/21/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Lead	EPA-6020	**4.7**	0.10	1	MG/KG	06/20/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**163 S**	06/20/2023	GAP
TFT	EPA-8021	**156 S**	06/20/2023	GAP
C25	NWTPH-DX	**94.0**	06/22/2023	DHM
C25	NWTPH-DX w/ SGA	**97.8**	06/22/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**100**	06/21/2023	DLC
4-Bromofluorobenzene	EPA-8260	**104**	06/21/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**89.8**	06/21/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
S - Outside of control limits.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/23/2023
		ALS JOB#:	EV23060101
		ALS SAMPLE#:	EV23060101-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/19/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/16/2023 1:10:00 PM
CLIENT SAMPLE ID	CS-115 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	06/19/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	06/19/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	06/19/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	06/19/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	06/19/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	06/22/2023	DHM
TPH-Diesel Range	NWTPH-DX w/ SGA	U	25	1	MG/KG	06/22/2023	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	06/22/2023	DHM
TPH-Oil Range	NWTPH-DX w/ SGA	U	50	1	MG/KG	06/22/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	06/21/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	06/21/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	6/23/2023 EV23060101 EV23060101-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/19/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/16/2023 1:10:00 PM
CLIENT SAMPLE ID	CS-115 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	06/21/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Lead	EPA-6020	**4.8**	0.10	1	MG/KG	06/20/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**79.0**	06/19/2023	GAP
TFT	EPA-8021	**76.2**	06/19/2023	GAP
C25	NWTPH-DX	**94.6**	06/22/2023	DHM
C25	NWTPH-DX w/ SGA	**97.5**	06/22/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**103**	06/21/2023	DLC
4-Bromofluorobenzene	EPA-8260	**107**	06/21/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**73.4**	06/21/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/23/2023
		ALS JOB#:	EV23060101
		ALS SAMPLE#:	EV23060101-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/19/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/16/2023 1:15:00 PM
CLIENT SAMPLE ID	CS-116 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	06/20/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	06/20/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	06/20/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	06/20/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	06/20/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	06/22/2023	DHM
TPH-Diesel Range	NWTPH-DX w/ SGA	U	25	1	MG/KG	06/22/2023	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	06/22/2023	DHM
TPH-Oil Range	NWTPH-DX w/ SGA	U	50	1	MG/KG	06/22/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	06/21/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	06/21/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	6/23/2023 EV23060101 EV23060101-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/19/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/16/2023 1:15:00 PM
CLIENT SAMPLE ID	CS-116 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	06/21/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Lead	EPA-6020	**3.6**	0.10	1	MG/KG	06/20/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**77.3**	06/20/2023	GAP
TFT	EPA-8021	**74.0**	06/20/2023	GAP
C25	NWTPH-DX	**80.2**	06/22/2023	DHM
C25	NWTPH-DX w/ SGA	**84.1**	06/22/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**101**	06/21/2023	DLC
4-Bromofluorobenzene	EPA-8260	**102**	06/21/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**77.1**	06/21/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/23/2023
		ALS JOB#:	EV23060101
		ALS SAMPLE#:	EV23060101-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/19/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/16/2023 1:30:00 PM
CLIENT SAMPLE ID	CS-117 4ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	06/19/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	06/19/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	06/19/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	06/19/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	06/19/2023	GAP
TPH-Diesel Range	NWTPH-DX	**52**	25	1	MG/KG	06/22/2023	DHM
TPH-Diesel Range	NWTPH-DX w/ SGA	**50**	25	1	MG/KG	06/22/2023	DHM
TPH-Oil Range	NWTPH-DX	**150**	50	1	MG/KG	06/22/2023	DHM
TPH-Oil Range	NWTPH-DX w/ SGA	**150**	50	1	MG/KG	06/22/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	06/21/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	06/21/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/23/2023
		ALS JOB#:	EV23060101
		ALS SAMPLE#:	EV23060101-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/19/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/16/2023 1:30:00 PM
CLIENT SAMPLE ID	CS-117 4ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	06/21/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Lead	EPA-6020	**7.5**	0.10	1	MG/KG	06/20/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**75.9**	06/19/2023	GAP
TFT	EPA-8021	**74.0**	06/19/2023	GAP
C25	NWTPH-DX	**95.7**	06/22/2023	DHM
C25	NWTPH-DX w/ SGA	**98.2**	06/22/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**101**	06/21/2023	DLC
4-Bromofluorobenzene	EPA-8260	**104**	06/21/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**84.9**	06/21/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and light oil/lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/23/2023
		ALS JOB#:	EV23060101
		ALS SAMPLE#:	EV23060101-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/19/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/16/2023 1:40:00 PM
CLIENT SAMPLE ID	CS-118 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**4.4**	3.0	1	MG/KG	06/19/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	06/19/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	06/19/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	06/19/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	06/19/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	06/22/2023	DHM
TPH-Diesel Range	NWTPH-DX w/ SGA	U	25	1	MG/KG	06/22/2023	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	06/22/2023	DHM
TPH-Oil Range	NWTPH-DX w/ SGA	U	50	1	MG/KG	06/22/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	06/21/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	06/21/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	6/23/2023 EV23060101 EV23060101-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/19/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/16/2023 1:40:00 PM
CLIENT SAMPLE ID	CS-118 2.5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	06/21/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	06/21/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Lead	EPA-6020	**9.5**	0.10	1	MG/KG	06/20/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**68.9**	06/19/2023	GAP
TFT	EPA-8021	**66.7**	06/19/2023	GAP
C25	NWTPH-DX	**99.3**	06/22/2023	DHM
C25	NWTPH-DX w/ SGA	**95.9**	06/22/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**105**	06/21/2023	DLC
4-Bromofluorobenzene	EPA-8260	**110**	06/21/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**110**	06/21/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains extremely weathered gasoline.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/23/2023
		ALS JOB#:	EV23060101
		ALS SAMPLE#:	EV23060101-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/19/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/16/2023 1:45:00 PM
CLIENT SAMPLE ID	CS-119 3ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**29**	3.0	1	MG/KG	06/19/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	06/19/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	06/19/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	06/19/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	06/19/2023	GAP
TPH-Diesel Range	NWTPH-DX w/ SGA	**67**	25	1	MG/KG	06/23/2023	DHM
TPH-Diesel Range	NWTPH-DX	**75**	25	1	MG/KG	06/23/2023	DHM
TPH-Oil Range	NWTPH-DX w/ SGA	**120**	50	1	MG/KG	06/23/2023	DHM
TPH-Oil Range	NWTPH-DX	**120**	50	1	MG/KG	06/23/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	47	1	UG/KG	06/22/2023	DLC
Chloromethane	EPA-8260	U	44	1	UG/KG	06/22/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	06/22/2023	DLC
Bromomethane	EPA-8260	U	50	1	UG/KG	06/22/2023	DLC
Chloroethane	EPA-8260	U	37	1	UG/KG	06/22/2023	DLC
Carbon Tetrachloride	EPA-8260	U	24	1	UG/KG	06/22/2023	DLC
Trichlorofluoromethane	EPA-8260	U	30	1	UG/KG	06/22/2023	DLC
1,1-Dichloroethene	EPA-8260	U	46	1	UG/KG	06/22/2023	DLC
Methylene Chloride	EPA-8260	U	230	1	UG/KG	06/22/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	44	1	UG/KG	06/22/2023	DLC
1,1-Dichloroethane	EPA-8260	U	24	1	UG/KG	06/22/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	28	1	UG/KG	06/22/2023	DLC
2,2-Dichloropropane	EPA-8260	U	35	1	UG/KG	06/22/2023	DLC
Bromochloromethane	EPA-8260	U	32	1	UG/KG	06/22/2023	DLC
Chloroform	EPA-8260	U	45	1	UG/KG	06/22/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	48	1	UG/KG	06/22/2023	DLC
1,1-Dichloropropene	EPA-8260	U	39	1	UG/KG	06/22/2023	DLC
1,2-Dichloroethane	EPA-8260	U	14	1	UG/KG	06/22/2023	DLC
Trichloroethene	EPA-8260	U	26	1	UG/KG	06/22/2023	DLC
1,2-Dichloropropane	EPA-8260	U	15	1	UG/KG	06/22/2023	DLC
Dibromomethane	EPA-8260	U	48	1	UG/KG	06/22/2023	DLC
Bromodichloromethane	EPA-8260	U	15	1	UG/KG	06/22/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	32	1	UG/KG	06/22/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	20	1	UG/KG	06/22/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	12	1	UG/KG	06/22/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	06/22/2023	DLC
Tetrachloroethylene	EPA-8260	U	30	1	UG/KG	06/22/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	06/22/2023	DLC
1,2-Dibromoethane	EPA-8260	U	11	1	UG/KG	06/22/2023	DLC
Chlorobenzene	EPA-8260	U	13	1	UG/KG	06/22/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	6/23/2023 EV23060101 EV23060101-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	06/19/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	6/16/2023 1:45:00 PM
CLIENT SAMPLE ID	CS-119 3ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	18	1	UG/KG	06/22/2023	DLC
Bromoform	EPA-8260	U	17	1	UG/KG	06/22/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	34	1	UG/KG	06/22/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	06/22/2023	DLC
Bromobenzene	EPA-8260	U	22	1	UG/KG	06/22/2023	DLC
2-Chlorotoluene	EPA-8260	U	25	1	UG/KG	06/22/2023	DLC
4-Chlorotoluene	EPA-8260	U	17	1	UG/KG	06/22/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	15	1	UG/KG	06/22/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	19	1	UG/KG	06/22/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	16	1	UG/KG	06/22/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	06/22/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	27	1	UG/KG	06/22/2023	DLC
Hexachlorobutadiene	EPA-8260	U	25	1	UG/KG	06/22/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	14	1	UG/KG	06/22/2023	DLC
Naphthalene	EPA-8270 SIM	**70**	20	1	UG/KG	06/21/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	**120**	20	1	UG/KG	06/21/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	**250**	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	**64**	20	1	UG/KG	06/21/2023	DBA
Chrysene	EPA-8270 SIM	**71**	20	1	UG/KG	06/21/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	**68**	20	1	UG/KG	06/21/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	**21**	20	1	UG/KG	06/21/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	**42**	20	1	UG/KG	06/21/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	06/21/2023	DBA
Lead	EPA-6020	**9.0**	0.10	1	MG/KG	06/20/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**85.6**	06/19/2023	GAP
TFT	EPA-8021	**83.0**	06/19/2023	GAP
C25	NWTPH-DX w/ SGA	**108**	06/23/2023	DHM
C25	NWTPH-DX	**114**	06/23/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**99.9**	06/22/2023	DLC
4-Bromofluorobenzene	EPA-8260	**101**	06/22/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**86.4**	06/21/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains extremely weathered gasoline, an unidentified diesel range product and weathered lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/23/2023
		ALS SDG#:	EV23060101
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-061923S - Batch 196428 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	06/19/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB-061923S - Batch 196428 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	06/19/2023	GAP
Toluene	EPA-8021	U	MG/KG	0.050	06/19/2023	GAP
Ethylbenzene	EPA-8021	U	MG/KG	0.050	06/19/2023	GAP
Xylenes	EPA-8021	U	MG/KG	0.20	06/19/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB-062223S - Batch 196683 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	06/23/2023	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	06/23/2023	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-062123S - Batch 196609 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Chloromethane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Bromomethane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Chloroethane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Methylene Chloride	EPA-8260	U	UG/KG	20	06/21/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Chloroform	EPA-8260	U	UG/KG	10	06/21/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	06/21/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/23/2023
		ALS SDG#:	EV23060101
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-062123S - Batch 196609 - Soil by EPA-8260

1,1-Dichloropropene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Trichloroethene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Dibromochloromethane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	06/21/2023	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Bromoform	EPA-8260	U	UG/KG	10	06/21/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
2-Chlorotoluene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	06/21/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	06/21/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	06/21/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-062023S - Batch 196508 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA
Chrysene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/23/2023
		ALS SDG#:	EV23060101
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-062023S - Batch 196508 - Soil by EPA-8270 SIM

Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	06/21/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

MB-062023S - Batch 196480 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	06/20/2023	EBS

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CERTIFICATE OF ANALYSIS

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228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 6/23/2023
ALS SDG#: EV23060101
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 196428 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**101**			66.5	122.7	06/19/2023	GAP
TPH-Volatile Range - BSD	NWTPH-GX	**102**	**1**		66.5	122.7	06/19/2023	GAP

ALS Test Batch ID: 196428 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**94.2**			67.7	124	06/19/2023	GAP
Benzene - BSD	EPA-8021	**98.1**	**4**		67.7	124	06/19/2023	GAP
Toluene - BS	EPA-8021	**99.6**			71	123	06/19/2023	GAP
Toluene - BSD	EPA-8021	**103**	**4**		71	123	06/19/2023	GAP
Ethylbenzene - BS	EPA-8021	**99.1**			69.8	120	06/19/2023	GAP
Ethylbenzene - BSD	EPA-8021	**103**	**4**		69.8	120	06/19/2023	GAP
Xylenes - BS	EPA-8021	**100**			70	120	06/19/2023	GAP
Xylenes - BSD	EPA-8021	**103**	**3**		70	120	06/19/2023	GAP

ALS Test Batch ID: 196683 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**99.6**			75.5	122.1	06/23/2023	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**106**	**6**		75.5	122.1	06/23/2023	DHM

ALS Test Batch ID: 196609 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**108**			50	150	06/21/2023	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**106**	**2**		50	150	06/21/2023	DLC
Chloromethane - BS	EPA-8260	**112**			50	150	06/21/2023	DLC
Chloromethane - BSD	EPA-8260	**110**	**2**		50	150	06/21/2023	DLC
Vinyl Chloride - BS	EPA-8260	**114**			50	150	06/21/2023	DLC
Vinyl Chloride - BSD	EPA-8260	**110**	**3**		50	150	06/21/2023	DLC
Bromomethane - BS	EPA-8260	**101**			50	150	06/21/2023	DLC
Bromomethane - BSD	EPA-8260	**102**	**1**		50	150	06/21/2023	DLC
Chloroethane - BS	EPA-8260	**99.1**			50	150	06/21/2023	DLC
Chloroethane - BSD	EPA-8260	**96.4**	**3**		50	150	06/21/2023	DLC
Carbon Tetrachloride - BS	EPA-8260	**102**			50	150	06/21/2023	DLC
Carbon Tetrachloride - BSD	EPA-8260	**98.0**	**4**		50	150	06/21/2023	DLC
Trichlorofluoromethane - BS	EPA-8260	**99.4**			50	150	06/21/2023	DLC
Trichlorofluoromethane - BSD	EPA-8260	**97.0**	**2**		50	150	06/21/2023	DLC
1,1-Dichloroethene - BS	EPA-8260	**103**			70	130	06/21/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 6/23/2023
ALS SDG#: EV23060101
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BSD	EPA-8260	**100**	**3**		70	130	06/21/2023	DLC
Methylene Chloride - BS	EPA-8260	**111**			50	150	06/21/2023	DLC
Methylene Chloride - BSD	EPA-8260	**122**	**9**		50	150	06/21/2023	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**103**			50	150	06/21/2023	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**98.5**	**5**		50	150	06/21/2023	DLC
1,1-Dichloroethane - BS	EPA-8260	**104**			50	150	06/21/2023	DLC
1,1-Dichloroethane - BSD	EPA-8260	**101**	**3**		50	150	06/21/2023	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**99.4**			50	150	06/21/2023	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**96.1**	**3**		50	150	06/21/2023	DLC
2,2-Dichloropropane - BS	EPA-8260	**96.7**			50	150	06/21/2023	DLC
2,2-Dichloropropane - BSD	EPA-8260	**93.7**	**3**		50	150	06/21/2023	DLC
Bromochloromethane - BS	EPA-8260	**108**			50	150	06/21/2023	DLC
Bromochloromethane - BSD	EPA-8260	**105**	**2**		50	150	06/21/2023	DLC
Chloroform - BS	EPA-8260	**104**			50	150	06/21/2023	DLC
Chloroform - BSD	EPA-8260	**102**	**2**		50	150	06/21/2023	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**101**			50	150	06/21/2023	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**97.8**	**4**		50	150	06/21/2023	DLC
1,1-Dichloropropene - BS	EPA-8260	**96.6**			50	150	06/21/2023	DLC
1,1-Dichloropropene - BSD	EPA-8260	**95.9**	**1**		50	150	06/21/2023	DLC
1,2-Dichloroethane - BS	EPA-8260	**106**			50	150	06/21/2023	DLC
1,2-Dichloroethane - BSD	EPA-8260	**105**	**1**		50	150	06/21/2023	DLC
Trichloroethene - BS	EPA-8260	**100**			75	136	06/21/2023	DLC
Trichloroethene - BSD	EPA-8260	**99.1**	**1**		75	136	06/21/2023	DLC
1,2-Dichloropropane - BS	EPA-8260	**102**			50	150	06/21/2023	DLC
1,2-Dichloropropane - BSD	EPA-8260	**103**	**1**		50	150	06/21/2023	DLC
Dibromomethane - BS	EPA-8260	**104**			50	150	06/21/2023	DLC
Dibromomethane - BSD	EPA-8260	**103**	**1**		50	150	06/21/2023	DLC
Bromodichloromethane - BS	EPA-8260	**102**			50	150	06/21/2023	DLC
Bromodichloromethane - BSD	EPA-8260	**101**	**1**		50	150	06/21/2023	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**104**			50	150	06/21/2023	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**104**	**0**		50	150	06/21/2023	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**106**			50	150	06/21/2023	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**105**	**1**		50	150	06/21/2023	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**102**			50	150	06/21/2023	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**102**	**0**		50	150	06/21/2023	DLC
1,3-Dichloropropane - BS	EPA-8260	**101**			50	150	06/21/2023	DLC
1,3-Dichloropropane - BSD	EPA-8260	**103**	**1**		50	150	06/21/2023	DLC
Tetrachloroethylene - BS	EPA-8260	**101**			50	150	06/21/2023	DLC
Tetrachloroethylene - BSD	EPA-8260	**101**	**0**		50	150	06/21/2023	DLC
Dibromochloromethane - BS	EPA-8260	**107**			50	150	06/21/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 6/23/2023
ALS SDG#: EV23060101
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dibromochloromethane - BSD	EPA-8260	**107**	**0**		50	150	06/21/2023	DLC
1,2-Dibromoethane - BS	EPA-8260	**107**			50	150	06/21/2023	DLC
1,2-Dibromoethane - BSD	EPA-8260	**107**	**0**		50	150	06/21/2023	DLC
Chlorobenzene - BS	EPA-8260	**99.7**			79	128	06/21/2023	DLC
Chlorobenzene - BSD	EPA-8260	**98.7**	**1**		79	128	06/21/2023	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**100**			50	150	06/21/2023	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**99.8**	**0**		50	150	06/21/2023	DLC
Bromoform - BS	EPA-8260	**99.0**			50	150	06/21/2023	DLC
Bromoform - BSD	EPA-8260	**98.7**	**0**		50	150	06/21/2023	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**106**			50	150	06/21/2023	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**107**	**0**		50	150	06/21/2023	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**104**			50	150	06/21/2023	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**104**	**0**		50	150	06/21/2023	DLC
Bromobenzene - BS	EPA-8260	**99.1**			50	150	06/21/2023	DLC
Bromobenzene - BSD	EPA-8260	**97.7**	**1**		50	150	06/21/2023	DLC
2-Chlorotoluene - BS	EPA-8260	**101**			50	150	06/21/2023	DLC
2-Chlorotoluene - BSD	EPA-8260	**99.8**	**2**		50	150	06/21/2023	DLC
4-Chlorotoluene - BS	EPA-8260	**100**			50	150	06/21/2023	DLC
4-Chlorotoluene - BSD	EPA-8260	**100**	**0**		50	150	06/21/2023	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**101**			50	150	06/21/2023	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**99.4**	**1**		50	150	06/21/2023	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**99.3**			50	150	06/21/2023	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**97.1**	**2**		50	150	06/21/2023	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**101**			50	150	06/21/2023	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**100**	**1**		50	150	06/21/2023	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**108**			50	150	06/21/2023	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**107**	**1**		50	150	06/21/2023	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**81.9**			50	150	06/21/2023	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**74.7**	**9**		50	150	06/21/2023	DLC
Hexachlorobutadiene - BS	EPA-8260	**87.7**			50	150	06/21/2023	DLC
Hexachlorobutadiene - BSD	EPA-8260	**80.8**	**8**		50	150	06/21/2023	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**75.0**			50	150	06/21/2023	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**61.0**	**21**		50	150	06/21/2023	DLC

ALS Test Batch ID: 196508 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**64.2**			20	150	06/21/2023	DBA
Naphthalene - BSD	EPA-8270 SIM	**71.3**	**11**		20	150	06/21/2023	DBA
2-Methylnaphthalene - BS	EPA-8270 SIM	**73.1**			20	150	06/21/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS SDG#: WDOE ACCREDITATION:	6/23/2023 EV23060101 C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
2-Methylnaphthalene - BSD	EPA-8270 SIM	**79.0**	**8**		20	150	06/21/2023	DBA
1-Methylnaphthalene - BS	EPA-8270 SIM	**65.8**			20	150	06/21/2023	DBA
1-Methylnaphthalene - BSD	EPA-8270 SIM	**70.2**	**6**		20	150	06/21/2023	DBA
Benzo[A]Anthracene - BS	EPA-8270 SIM	**87.0**			20	150	06/21/2023	DBA
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**88.2**	**1**		20	150	06/21/2023	DBA
Chrysene - BS	EPA-8270 SIM	**69.5**			20	150	06/21/2023	DBA
Chrysene - BSD	EPA-8270 SIM	**70.0**	**1**		20	150	06/21/2023	DBA
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**92.9**			20	150	06/21/2023	DBA
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**95.8**	**3**		20	150	06/21/2023	DBA
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**77.0**			20	150	06/21/2023	DBA
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**75.3**	**2**		20	150	06/21/2023	DBA
Benzo[A]Pyrene - BS	EPA-8270 SIM	**83.8**			20	150	06/21/2023	DBA
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**95.2**	**13**		20	150	06/21/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**76.6**			20	150	06/21/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**78.6**	**3**		20	150	06/21/2023	DBA
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**77.4**			20	150	06/21/2023	DBA
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**78.5**	**1**		20	150	06/21/2023	DBA

ALS Test Batch ID: 196480 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**95.3**			80	120	06/20/2023	EBS
Lead - BSD	EPA-6020	**94.6**	**1**		80	120	06/20/2023	EBS

APPROVED BY

Rob Greer
Laboratory Director

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Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.: EV2306-101

8.4°C

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Dx	NWTPH-Dx w/ SGA	NWTPH-Gx	BTEX (8021)	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)		HVOCs (8260)										
CS-114 4ft	Soil	6/16/23	1300	1	4	X	X	X	X	X	X	X		X										
CS-115 2.5ft	Soil	6/16/23	1310	2	4	X	X	X	X	X	X	X		X										
CS-116 2.5ft	Soil	6/16/23	1315	3	4	X	X	X	X	X	X	X		X										
CS-117 4ft	Soil	6/16/23	1330	4	4	X	X	X	X	X	X	X		X										
CS-118 2.5ft	Soil	6/16/23	1340	5	4	X	X	X	X	X	X	X		X										
CS-119 3ft	Soil	6/16/23	1345	6	4	X	X	X	X	X	X	X		X										

TAT

- ☐ Routine 10 Day
- ☐ 24 hours * 100%
- ☐ 48 hours* 80%
- ☐ 3 Day* 60%
- ■ 5 day* (4) 50%

* **Please call for availability**

Due Date:

Comments

all samples collected via 5035A with stir bars

Run Bolded samples on a 48hr TAT. All others on a 3-day TAT.

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Thom Davis		6/19/23@1005	AFREESE		06/19/23 @1005

Revised : 6/16/2023

May 8, 2023

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On May 4th, 9 samples were received by our laboratory and assigned our laboratory project number EV23050032. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Rob Greer
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS JOB#:	EV23050032
		ALS SAMPLE#:	EV23050032-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 9:00:00 AM
CLIENT SAMPLE ID	Stockpile-1A	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/04/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/04/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/04/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/04/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/04/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	05/08/2023	DHM
TPH-Oil Range	NWTPH-DX	**79**	50	1	MG/KG	05/08/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Methylene Chloride	EPA-8260	U, CCV002	20	1	UG/KG	05/04/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/04/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS JOB#:	EV23050032
		ALS SAMPLE#:	EV23050032-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 9:00:00 AM
CLIENT SAMPLE ID	Stockpile-1A	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bromoform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/04/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	**28**	20	1	UG/KG	05/05/2023	DBA
Chrysene	EPA-8270 SIM	**30**	20	1	UG/KG	05/05/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	**37**	20	1	UG/KG	05/05/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	**25**	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	**35**	20	1	UG/KG	05/05/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**28**	20	1	UG/KG	05/05/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Lead	EPA-6020	**11**	0.10	1	MG/KG	05/08/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**65.8**	05/04/2023	GAP
TFT	EPA-8021	**68.6**	05/04/2023	GAP
C25	NWTPH-DX	**118**	05/08/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**99.5**	05/04/2023	DLC
4-Bromofluorobenzene	EPA-8260	**110**	05/04/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**66.8**	05/05/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
CCV002 -CCV recovery was below method acceptance limits.
Chromatogram indicates that it is likely that sample contains weathered lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS JOB#:	EV23050032
		ALS SAMPLE#:	EV23050032-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 9:05:00 AM
CLIENT SAMPLE ID	Stockpile-1B	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/04/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/04/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/04/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/04/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/04/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	05/08/2023	DHM
TPH-Oil Range	NWTPH-DX	**62**	50	1	MG/KG	05/08/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Methylene Chloride	EPA-8260	U, CCV002	20	1	UG/KG	05/04/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/04/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS JOB#:	EV23050032
		ALS SAMPLE#:	EV23050032-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 9:05:00 AM
CLIENT SAMPLE ID	Stockpile-1B	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/04/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Lead	EPA-6020	**7.3**	0.10	1	MG/KG	05/08/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**92.2**	05/04/2023	GAP
TFT	EPA-8021	**95.9**	05/04/2023	GAP
C25	NWTPH-DX	**104**	05/08/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**102**	05/04/2023	DLC
4-Bromofluorobenzene	EPA-8260	**105**	05/04/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**83.7**	05/05/2023	DBA

CCV002 -CCV recovery was below method acceptance limits.
U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains weathered lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS JOB#:	EV23050032
		ALS SAMPLE#:	EV23050032-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 9:10:00 AM
CLIENT SAMPLE ID	Stockpile-1C	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/04/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/04/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/04/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/04/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/04/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	05/04/2023	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	05/04/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Methylene Chloride	EPA-8260	U, CCV002	20	1	UG/KG	05/04/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/04/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS JOB#:	EV23050032
		ALS SAMPLE#:	EV23050032-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 9:10:00 AM
CLIENT SAMPLE ID	Stockpile-1C	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/04/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Lead	EPA-6020	**6.1**	0.10	1	MG/KG	05/08/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**94.1**	05/04/2023	GAP
TFT	EPA-8021	**92.9**	05/04/2023	GAP
C25	NWTPH-DX	**96.1**	05/04/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**103**	05/04/2023	DLC
4-Bromofluorobenzene	EPA-8260	**104**	05/04/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**83.6**	05/05/2023	DBA

CCV002 -CCV recovery was below method acceptance limits.
U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS JOB#:	EV23050032
		ALS SAMPLE#:	EV23050032-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 9:15:00 AM
CLIENT SAMPLE ID	Stockpile-1D	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/04/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/04/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/04/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/04/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/04/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	05/04/2023	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	05/04/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Methylene Chloride	EPA-8260	U, CCV002	20	1	UG/KG	05/04/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/04/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS JOB#:	EV23050032
		ALS SAMPLE#:	EV23050032-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 9:15:00 AM
CLIENT SAMPLE ID	Stockpile-1D	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/04/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Chrysene	EPA-8270 SIM	**20**	20	1	UG/KG	05/05/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	**20**	20	1	UG/KG	05/05/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Lead	EPA-6020	**5.8**	0.10	1	MG/KG	05/08/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**69.6**	05/04/2023	GAP
TFT	EPA-8021	**71.7**	05/04/2023	GAP
C25	NWTPH-DX	**103**	05/04/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**103**	05/04/2023	DLC
4-Bromofluorobenzene	EPA-8260	**102**	05/04/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**85.9**	05/05/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
CCV002 -CCV recovery was below method acceptance limits.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS JOB#:	EV23050032
		ALS SAMPLE#:	EV23050032-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 9:20:00 AM
CLIENT SAMPLE ID	Stockpile-1E	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/04/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/04/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/04/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/04/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/04/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	05/04/2023	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	05/04/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Methylene Chloride	EPA-8260	U, CCV002	20	1	UG/KG	05/04/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/04/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/8/2023 EV23050032 EV23050032-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 9:20:00 AM
CLIENT SAMPLE ID	Stockpile-1E	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/04/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	**44**	20	1	UG/KG	05/05/2023	DBA
Chrysene	EPA-8270 SIM	**45**	20	1	UG/KG	05/05/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	**50**	20	1	UG/KG	05/05/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	**30**	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	**47**	20	1	UG/KG	05/05/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**30**	20	1	UG/KG	05/05/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Lead	EPA-6020	**7.8**	0.10	1	MG/KG	05/08/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**82.8**	05/04/2023	GAP
TFT	EPA-8021	**84.9**	05/04/2023	GAP
C25	NWTPH-DX	**105**	05/04/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**102**	05/04/2023	DLC
4-Bromofluorobenzene	EPA-8260	**102**	05/04/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**80.7**	05/05/2023	DBA

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CCV002 -CCV recovery was below method acceptance limits.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS JOB#:	EV23050032
		ALS SAMPLE#:	EV23050032-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 9:35:00 AM
CLIENT SAMPLE ID	Stockpile-2A	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/04/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/04/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/04/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/04/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/04/2023	GAP
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Methylene Chloride	EPA-8260	U, CCV002	20	1	UG/KG	05/04/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/04/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS JOB#:	EV23050032
		ALS SAMPLE#:	EV23050032-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 9:35:00 AM
CLIENT SAMPLE ID	Stockpile-2A	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/04/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Lead	EPA-6020	**8.3**	0.10	1	MG/KG	05/08/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**79.8**	05/04/2023	GAP
TFT	EPA-8021	**83.2**	05/04/2023	GAP
1,2-Dichloroethane-d4	EPA-8260	**99.8**	05/04/2023	DLC
4-Bromofluorobenzene	EPA-8260	**106**	05/04/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**86.6**	05/05/2023	DBA

CCV002 -CCV recovery was below method acceptance limits.
U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS JOB#:	EV23050032
		ALS SAMPLE#:	EV23050032-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 9:40:00 AM
CLIENT SAMPLE ID	Stockpile-2B	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/04/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/04/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/04/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/04/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/04/2023	GAP
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Methylene Chloride	EPA-8260	U, CCV002	20	1	UG/KG	05/04/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/04/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/8/2023 EV23050032 EV23050032-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 9:40:00 AM
CLIENT SAMPLE ID	Stockpile-2B	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/04/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Lead	EPA-6020	**5.8**	0.10	1	MG/KG	05/08/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**87.8**	05/04/2023	GAP
TFT	EPA-8021	**92.3**	05/04/2023	GAP
1,2-Dichloroethane-d4	EPA-8260	**99.0**	05/04/2023	DLC
4-Bromofluorobenzene	EPA-8260	**104**	05/04/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**76.5**	05/05/2023	DBA

CCV002 -CCV recovery was below method acceptance limits.
U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS JOB#:	EV23050032
		ALS SAMPLE#:	EV23050032-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 9:55:00 AM
CLIENT SAMPLE ID	Stockpile-3A	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/05/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/05/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/05/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/05/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/05/2023	GAP
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Methylene Chloride	EPA-8260	U, CCV002	20	1	UG/KG	05/04/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/04/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS JOB#:	EV23050032
		ALS SAMPLE#:	EV23050032-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 9:55:00 AM
CLIENT SAMPLE ID	Stockpile-3A	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/04/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Lead	EPA-6020	**11**	0.10	1	MG/KG	05/08/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**70.0**	05/05/2023	GAP
TFT	EPA-8021	**72.5**	05/05/2023	GAP
1,2-Dichloroethane-d4	EPA-8260	**102**	05/04/2023	DLC
4-Bromofluorobenzene	EPA-8260	**102**	05/04/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**74.6**	05/05/2023	DBA

CCV002 -CCV recovery was below method acceptance limits.
U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS JOB#:	EV23050032
		ALS SAMPLE#:	EV23050032-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 10:00:00 AM
CLIENT SAMPLE ID	Stockpile-3B	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/05/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/05/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/05/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/05/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/05/2023	GAP
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Methylene Chloride	EPA-8260	U, CCV002	20	1	UG/KG	05/05/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/05/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/8/2023 EV23050032 EV23050032-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 10:00:00 AM
CLIENT SAMPLE ID	Stockpile-3B	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/05/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/05/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/05/2023	DBA
Lead	EPA-6020	**13**	0.10	1	MG/KG	05/08/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**76.2**	05/05/2023	GAP
TFT	EPA-8021	**79.5**	05/05/2023	GAP
1,2-Dichloroethane-d4	EPA-8260	**102**	05/05/2023	DLC
4-Bromofluorobenzene	EPA-8260	**103**	05/05/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**77.8**	05/05/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
CCV002 -CCV recovery was below method acceptance limits.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS SDG#:	EV23050032
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-050423S - Batch 193513 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	05/04/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB-050423S - Batch 193513 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	05/04/2023	GAP
Toluene	EPA-8021	U	MG/KG	0.050	05/04/2023	GAP
Ethylbenzene	EPA-8021	U	MG/KG	0.050	05/04/2023	GAP
Xylenes	EPA-8021	U	MG/KG	0.20	05/04/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB-050423S - Batch 193432 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	05/04/2023	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	05/04/2023	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-050423S - Batch 193441 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Chloromethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Bromomethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Chloroethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Methylene Chloride	EPA-8260	U, CCV002	UG/KG	20	05/04/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Chloroform	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS SDG#: WDOE ACCREDITATION:	5/8/2023 EV23050032 C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-050423S - Batch 193441 - Soil by EPA-8260

1,1-Dichloropropene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Trichloroethene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Dibromochloromethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	05/04/2023	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Bromoform	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
2-Chlorotoluene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	05/04/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	05/04/2023	DLC

CCV002 - CCV recovery was below method acceptance limits.

U - Analyte analyzed for but not detected at level above reporting limit.

MB-050523S - Batch 193482 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	05/05/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	05/05/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	05/05/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	05/05/2023	DBA
Chrysene	EPA-8270 SIM	U	UG/KG	20	05/05/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	05/05/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	05/05/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/8/2023
		ALS SDG#:	EV23050032
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-050523S - Batch 193482 - Soil by EPA-8270 SIM

Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	05/05/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	05/05/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	05/05/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

MB-050623S - Batch 193510 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	05/08/2023	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 5/8/2023
ALS SDG#: EV23050032
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 193513 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**111**			66.5	122.7	05/04/2023	GAP
TPH-Volatile Range - BSD	NWTPH-GX	**107**	**4**		66.5	122.7	05/04/2023	GAP

ALS Test Batch ID: 193513 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**100**			67.7	124	05/04/2023	GAP
Benzene - BSD	EPA-8021	**100**	**0**		67.7	124	05/04/2023	GAP
Toluene - BS	EPA-8021	**102**			71	123	05/04/2023	GAP
Toluene - BSD	EPA-8021	**102**	**0**		71	123	05/04/2023	GAP
Ethylbenzene - BS	EPA-8021	**102**			69.8	120	05/04/2023	GAP
Ethylbenzene - BSD	EPA-8021	**102**	**0**		69.8	120	05/04/2023	GAP
Xylenes - BS	EPA-8021	**102**			70	120	05/04/2023	GAP
Xylenes - BSD	EPA-8021	**102**	**1**		70	120	05/04/2023	GAP

ALS Test Batch ID: 193432 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**96.0**			75.5	122.1	05/04/2023	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**111**	**14**		75.5	122.1	05/04/2023	DHM

ALS Test Batch ID: 193441 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**104**			50	150	05/04/2023	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**102**	**2**		50	150	05/04/2023	DLC
Chloromethane - BS	EPA-8260	**90.4**			50	150	05/04/2023	DLC
Chloromethane - BSD	EPA-8260	**87.7**	**3**		50	150	05/04/2023	DLC
Vinyl Chloride - BS	EPA-8260	**104**			50	150	05/04/2023	DLC
Vinyl Chloride - BSD	EPA-8260	**102**	**2**		50	150	05/04/2023	DLC
Bromomethane - BS	EPA-8260	**117**			50	150	05/04/2023	DLC
Bromomethane - BSD	EPA-8260	**117**	**0**		50	150	05/04/2023	DLC
Chloroethane - BS	EPA-8260	**100**			50	150	05/04/2023	DLC
Chloroethane - BSD	EPA-8260	**98.4**	**2**		50	150	05/04/2023	DLC
Carbon Tetrachloride - BS	EPA-8260	**97.6**			50	150	05/04/2023	DLC
Carbon Tetrachloride - BSD	EPA-8260	**96.3**	**1**		50	150	05/04/2023	DLC
Trichlorofluoromethane - BS	EPA-8260	**98.3**			50	150	05/04/2023	DLC
Trichlorofluoromethane - BSD	EPA-8260	**95.8**	**3**		50	150	05/04/2023	DLC
1,1-Dichloroethene - BS	EPA-8260	**103**			70	130	05/04/2023	DLC

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CLIENT PROJECT: Sunset Commons

DATE: 5/8/2023
ALS SDG#: EV23050032
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BSD	EPA-8260	**101**	**2**		70	130	05/04/2023	DLC
Methylene Chloride - BS	EPA-8260	**31.0**		CCV00	50	150	05/04/2023	DLC
Methylene Chloride - BSD	EPA-8260	**31.5**	**2**	CCV00	50	150	05/04/2023	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**93.1**			50	150	05/04/2023	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**92.4**	**1**		50	150	05/04/2023	DLC
1,1-Dichloroethane - BS	EPA-8260	**94.2**			50	150	05/04/2023	DLC
1,1-Dichloroethane - BSD	EPA-8260	**93.5**	**1**		50	150	05/04/2023	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**96.9**			50	150	05/04/2023	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**97.3**	**0**		50	150	05/04/2023	DLC
2,2-Dichloropropane - BS	EPA-8260	**105**			50	150	05/04/2023	DLC
2,2-Dichloropropane - BSD	EPA-8260	**102**	**2**		50	150	05/04/2023	DLC
Bromochloromethane - BS	EPA-8260	**108**			50	150	05/04/2023	DLC
Bromochloromethane - BSD	EPA-8260	**107**	**1**		50	150	05/04/2023	DLC
Chloroform - BS	EPA-8260	**101**			50	150	05/04/2023	DLC
Chloroform - BSD	EPA-8260	**99.9**	**1**		50	150	05/04/2023	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**94.8**			50	150	05/04/2023	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**92.6**	**2**		50	150	05/04/2023	DLC
1,1-Dichloropropene - BS	EPA-8260	**96.4**			50	150	05/04/2023	DLC
1,1-Dichloropropene - BSD	EPA-8260	**94.5**	**2**		50	150	05/04/2023	DLC
1,2-Dichloroethane - BS	EPA-8260	**102**			50	150	05/04/2023	DLC
1,2-Dichloroethane - BSD	EPA-8260	**101**	**1**		50	150	05/04/2023	DLC
Trichloroethene - BS	EPA-8260	**103**			75	136	05/04/2023	DLC
Trichloroethene - BSD	EPA-8260	**101**	**2**		75	136	05/04/2023	DLC
1,2-Dichloropropane - BS	EPA-8260	**101**			50	150	05/04/2023	DLC
1,2-Dichloropropane - BSD	EPA-8260	**101**	**0**		50	150	05/04/2023	DLC
Dibromomethane - BS	EPA-8260	**102**			50	150	05/04/2023	DLC
Dibromomethane - BSD	EPA-8260	**99.8**	**2**		50	150	05/04/2023	DLC
Bromodichloromethane - BS	EPA-8260	**102**			50	150	05/04/2023	DLC
Bromodichloromethane - BSD	EPA-8260	**101**	**1**		50	150	05/04/2023	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**105**			50	150	05/04/2023	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**102**	**2**		50	150	05/04/2023	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**104**			50	150	05/04/2023	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**102**	**2**		50	150	05/04/2023	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**97.8**			50	150	05/04/2023	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**95.8**	**2**		50	150	05/04/2023	DLC
1,3-Dichloropropane - BS	EPA-8260	**99.3**			50	150	05/04/2023	DLC
1,3-Dichloropropane - BSD	EPA-8260	**97.3**	**2**		50	150	05/04/2023	DLC
Tetrachloroethylene - BS	EPA-8260	**120**			50	150	05/04/2023	DLC
Tetrachloroethylene - BSD	EPA-8260	**113**	**6**		50	150	05/04/2023	DLC
Dibromochloromethane - BS	EPA-8260	**97.2**			50	150	05/04/2023	DLC

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CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 5/8/2023
ALS SDG#: EV23050032
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dibromochloromethane - BSD	EPA-8260	**95.3**	**2**		50	150	05/04/2023	DLC
1,2-Dibromoethane - BS	EPA-8260	**101**			50	150	05/04/2023	DLC
1,2-Dibromoethane - BSD	EPA-8260	**98.8**	**2**		50	150	05/04/2023	DLC
Chlorobenzene - BS	EPA-8260	**97.2**			79	128	05/04/2023	DLC
Chlorobenzene - BSD	EPA-8260	**95.5**	**2**		79	128	05/04/2023	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**92.2**			50	150	05/04/2023	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**91.5**	**1**		50	150	05/04/2023	DLC
Bromoform - BS	EPA-8260	**92.7**			50	150	05/04/2023	DLC
Bromoform - BSD	EPA-8260	**90.1**	**3**		50	150	05/04/2023	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**98.3**			50	150	05/04/2023	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**97.5**	**1**		50	150	05/04/2023	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**98.7**			50	150	05/04/2023	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**97.3**	**1**		50	150	05/04/2023	DLC
Bromobenzene - BS	EPA-8260	**94.4**			50	150	05/04/2023	DLC
Bromobenzene - BSD	EPA-8260	**95.0**	**1**		50	150	05/04/2023	DLC
2-Chlorotoluene - BS	EPA-8260	**98.6**			50	150	05/04/2023	DLC
2-Chlorotoluene - BSD	EPA-8260	**98.9**	**0**		50	150	05/04/2023	DLC
4-Chlorotoluene - BS	EPA-8260	**98.2**			50	150	05/04/2023	DLC
4-Chlorotoluene - BSD	EPA-8260	**98.0**	**0**		50	150	05/04/2023	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**93.6**			50	150	05/04/2023	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**94.0**	**0**		50	150	05/04/2023	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**95.9**			50	150	05/04/2023	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**95.9**	**0**		50	150	05/04/2023	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**95.2**			50	150	05/04/2023	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**95.7**	**1**		50	150	05/04/2023	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**97.9**			50	150	05/04/2023	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**96.9**	**1**		50	150	05/04/2023	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**96.0**			50	150	05/04/2023	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**99.6**	**4**		50	150	05/04/2023	DLC
Hexachlorobutadiene - BS	EPA-8260	**92.1**			50	150	05/04/2023	DLC
Hexachlorobutadiene - BSD	EPA-8260	**93.3**	**1**		50	150	05/04/2023	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**88.7**			50	150	05/04/2023	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**94.3**	**6**		50	150	05/04/2023	DLC

CCV002 - CCV recovery was below method acceptance limits.

ALS Test Batch ID: 193482 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**74.7**			20	150	05/05/2023	DBA
Naphthalene - BSD	EPA-8270 SIM	**66.7**	**11**		20	150	05/05/2023	DBA

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LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
2-Methylnaphthalene - BS	EPA-8270 SIM	**96.0**			20	150	05/05/2023	DBA
2-Methylnaphthalene - BSD	EPA-8270 SIM	**86.7**	**10**		20	150	05/05/2023	DBA
1-Methylnaphthalene - BS	EPA-8270 SIM	**96.7**			20	150	05/05/2023	DBA
1-Methylnaphthalene - BSD	EPA-8270 SIM	**86.5**	**11**		20	150	05/05/2023	DBA
Benzo[A]Anthracene - BS	EPA-8270 SIM	**95.4**			20	150	05/05/2023	DBA
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**84.3**	**12**		20	150	05/05/2023	DBA
Chrysene - BS	EPA-8270 SIM	**107**			20	150	05/05/2023	DBA
Chrysene - BSD	EPA-8270 SIM	**95.8**	**11**		20	150	05/05/2023	DBA
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**75.4**			20	150	05/05/2023	DBA
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**70.2**	**7**		20	150	05/05/2023	DBA
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**111**			20	150	05/05/2023	DBA
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**105**	**5**		20	150	05/05/2023	DBA
Benzo[A]Pyrene - BS	EPA-8270 SIM	**97.3**			20	150	05/05/2023	DBA
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**89.0**	**9**		20	150	05/05/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**108**			20	150	05/05/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**94.8**	**13**		20	150	05/05/2023	DBA
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**100**			20	150	05/05/2023	DBA
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**87.2**	**14**		20	150	05/05/2023	DBA

ALS Test Batch ID: 193510 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**90.3**			80	120	05/08/2023	EBS
Lead - BSD	EPA-6020	**94.2**	**4**		80	120	05/08/2023	EBS

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 5/8/2023
ALS SDG#: EV23050032
WDOE ACCREDITATION: C601

MATRIX SPIKE RESULTS

ALS Test Batch ID: 193482 - Soil
Parent Sample: Stockpile-1E

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	SPIKE ADDED	PARENT SAMPLE RESULT	RESULT	LIMITS MIN	LIMITS MAX	RPD	ANALYSIS DATE	ANALYSIS BY
Naphthalene - MS	EPA-8270 SIM	**67.9**			814	3.7	553	20	150		05/05/2023	DBA
Naphthalene - MSD	EPA-8270 SIM	**81.7**	**18**		814	3.7	665	20	150	30	05/05/2023	DBA
2-Methylnaphthalene - MS	EPA-8270 SIM	**87.6**			814	14	713	20	150		05/05/2023	DBA
2-Methylnaphthalene - MSD	EPA-8270 SIM	**106**	**19**		814	14	866	20	150	30	05/05/2023	DBA
1-Methylnaphthalene - MS	EPA-8270 SIM	**89.1**			814	15	726	20	150		05/05/2023	DBA
1-Methylnaphthalene - MSD	EPA-8270 SIM	**110**	**20**		814	15	894	20	150	30	05/05/2023	DBA
Benzo[A]Anthracene - MS	EPA-8270 SIM	**77.5**			814	44	631	20	150		05/05/2023	DBA
Benzo[A]Anthracene - MSD	EPA-8270 SIM	**100**	**24**		814	44	814	20	150	30	05/05/2023	DBA
Chrysene - MS	EPA-8270 SIM	**84.7**			814	45	690	20	150		05/05/2023	DBA
Chrysene - MSD	EPA-8270 SIM	**110**	**25**		814	45	898	20	150	30	05/05/2023	DBA
Benzo[B]Fluoranthene - MS	EPA-8270 SIM	**63.9**			814	50	520	20	150		05/05/2023	DBA
Benzo[B]Fluoranthene - MSD	EPA-8270 SIM	**83.6**	**25**		814	50	681	20	150	30	05/05/2023	DBA
Benzo[K]Fluoranthene - MS	EPA-8270 SIM	**70.8**			814	30	577	20	150		05/05/2023	DBA
Benzo[K]Fluoranthene - MSD	EPA-8270 SIM	**86.7**	**19**		814	30	706	20	150	30	05/05/2023	DBA
Benzo[A]Pyrene - MS	EPA-8270 SIM	**75.3**			814	47	613	20	150		05/05/2023	DBA
Benzo[A]Pyrene - MSD	EPA-8270 SIM	**94.1**	**21**		814	47	767	20	150	30	05/05/2023	DBA
Indeno[1,2,3-Cd]Pyrene - MS	EPA-8270 SIM	**81.9**			814	30	667	20	150		05/05/2023	DBA
Indeno[1,2,3-Cd]Pyrene - MSD	EPA-8270 SIM	**99.8**	**19**		814	30	812	20	150	30	05/05/2023	DBA
Dibenz[A,H]Anthracene - MS	EPA-8270 SIM	**97.1**			814	8.3	790	20	150		05/05/2023	DBA
Dibenz[A,H]Anthracene - MSD	EPA-8270 SIM	**122**	**23**		814	8.3	993	20	150	30	05/05/2023	DBA

APPROVED BY

Rob Greer
Laboratory Director

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Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.: EV2305032

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Dx	NWTPH-Gx	BTEX (8021)	HVOCs (8260)	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)
Stockpile-1A	Soil	5/4/23	9am	1	4	X	X	X	X	X	X	X
Stockpile-1B	Soil	5/4/23	905	2	4	X	X	X	X	X	X	X
Stockpile-1C	Soil	5/4/23	910	3	4	X	X	X	X	X	X	X
Stockpile-1D	Soil	5/4/23	915	4	4	X	X	X	X	X	X	X
Stockpile-1E	Soil	5/4/23	920	5	4	X	X	X	X	X	X	X
Stockpile-2A	Soil	5/4/23	935	6	4	X	X	X	X	X	X	X
Stockpile-2B	Soil	5/4/23	940	7	4	X	X	X	X	X	X	X
Stockpile-3A	Soil	5/4/23	955	8	4	X	X	X	X	X	X	X
Stockpile-3B	Soil	5/4/23	10am	9	4	X	X	X	X	X	X	X

TAT

- ☐ Routine 10 Day
- ☐ 24 hours * 100%
- ■ 48 hours* 80%
- ■ 3 Day* 60%
- ☐ 5 day* 50%

* **Please call for availability**

Due Date:

Comments

all samples collected via 5035A

Run Bolded samples on a 48hr TAT. All others on a 3-day TAT.

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Thom Davis		5/4/23@1105	AEREESE		05-04-23 @1200

Revised : 5/4/2023

May 16, 2023

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On May 9th, 7 samples were received by our laboratory and assigned our laboratory project number EV23050075. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Rob Greer
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/16/2023 EV23050075 EV23050075-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/09/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/8/2023 11:20:00 AM
CLIENT SAMPLE ID	Stockpile-4A	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/10/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/10/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/10/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/10/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/10/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	05/11/2023	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	05/11/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	05/11/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/11/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/16/2023 EV23050075 EV23050075-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/09/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/8/2023 11:20:00 AM
CLIENT SAMPLE ID	Stockpile-4A	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bromoform	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/11/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Chrysene	EPA-8270 SIM	**37**	20	1	UG/KG	05/12/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	**50**	20	1	UG/KG	05/12/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	**35**	20	1	UG/KG	05/12/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**22**	20	1	UG/KG	05/12/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Lead	EPA-6020	**8.3**	0.10	1	MG/KG	05/14/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**61.9**	05/10/2023	GAP
TFT	EPA-8021	**64.2**	05/10/2023	GAP
C25	NWTPH-DX	**87.8**	05/11/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**97.0**	05/11/2023	DLC
4-Bromofluorobenzene	EPA-8260	**109**	05/11/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**69.8**	05/12/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/16/2023 EV23050075 EV23050075-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/09/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/8/2023 11:25:00 AM
CLIENT SAMPLE ID	Stockpile-4B	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/10/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/10/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/10/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/10/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/10/2023	GAP
TPH-Diesel Range	NWTPH-DX	**71**	25	1	MG/KG	05/11/2023	DHM
TPH-Oil Range	NWTPH-DX	**260**	50	1	MG/KG	05/11/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	05/11/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/11/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/16/2023 EV23050075 EV23050075-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/09/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/8/2023 11:25:00 AM
CLIENT SAMPLE ID	Stockpile-4B	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/11/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	**31**	20	1	UG/KG	05/12/2023	DBA
Chrysene	EPA-8270 SIM	**43**	20	1	UG/KG	05/12/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	**66**	20	1	UG/KG	05/12/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	**50**	20	1	UG/KG	05/12/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**35**	20	1	UG/KG	05/12/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Lead	EPA-6020	**19**	0.10	1	MG/KG	05/14/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**78.9**	05/10/2023	GAP
TFT	EPA-8021	**80.9**	05/10/2023	GAP
C25	NWTPH-DX	**99.2**	05/11/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**109**	05/11/2023	DLC
4-Bromofluorobenzene	EPA-8260	**107**	05/11/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**67.1**	05/12/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and weathered lube oil.
Diesel range product results biased high due to oil range product overlap.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/16/2023 EV23050075 EV23050075-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/09/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/8/2023 11:40:00 AM
CLIENT SAMPLE ID	Stockpile-5A	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/10/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/10/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/10/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/10/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/10/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	05/11/2023	DHM
TPH-Oil Range	NWTPH-DX	**78**	50	1	MG/KG	05/11/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	05/11/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/11/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/16/2023 EV23050075 EV23050075-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/09/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/8/2023 11:40:00 AM
CLIENT SAMPLE ID	Stockpile-5A	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/11/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	**57**	20	1	UG/KG	05/12/2023	DBA
Chrysene	EPA-8270 SIM	**67**	20	1	UG/KG	05/12/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	**93**	20	1	UG/KG	05/12/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	**28**	20	1	UG/KG	05/12/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	**67**	20	1	UG/KG	05/12/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**45**	20	1	UG/KG	05/12/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Lead	EPA-6020	**12**	0.10	1	MG/KG	05/14/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**76.0**	05/10/2023	GAP
TFT	EPA-8021	**78.7**	05/10/2023	GAP
C25	NWTPH-DX	**96.4**	05/11/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**107**	05/11/2023	DLC
4-Bromofluorobenzene	EPA-8260	**106**	05/11/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**65.0**	05/12/2023	DBA

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Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and weathered lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/16/2023 EV23050075 EV23050075-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/09/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/8/2023 11:45:00 AM
CLIENT SAMPLE ID	Stockpile-5B	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/10/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/10/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/10/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/10/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/10/2023	GAP
TPH-Diesel Range	NWTPH-DX	**48**	25	1	MG/KG	05/12/2023	DHM
TPH-Oil Range	NWTPH-DX	**380**	50	1	MG/KG	05/12/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	05/11/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/11/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/16/2023 EV23050075 EV23050075-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/09/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/8/2023 11:45:00 AM
CLIENT SAMPLE ID	Stockpile-5B	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/11/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	**30**	20	1	UG/KG	05/12/2023	DBA
Chrysene	EPA-8270 SIM	**49**	20	1	UG/KG	05/12/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	**53**	20	1	UG/KG	05/12/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	**37**	20	1	UG/KG	05/12/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**33**	20	1	UG/KG	05/12/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Lead	EPA-6020	**18**	0.10	1	MG/KG	05/14/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**67.6**	05/10/2023	GAP
TFT	EPA-8021	**69.8**	05/10/2023	GAP
C25	NWTPH-DX	**107**	05/12/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**109**	05/11/2023	DLC
4-Bromofluorobenzene	EPA-8260	**110**	05/11/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**71.9**	05/12/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains weathered lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/16/2023 EV23050075 EV23050075-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/09/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/8/2023 12:15:00 PM
CLIENT SAMPLE ID	Stockpile-6A	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/10/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/10/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/10/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/10/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/10/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	05/12/2023	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	05/12/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	05/11/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/11/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/16/2023 EV23050075 EV23050075-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/09/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/8/2023 12:15:00 PM
CLIENT SAMPLE ID	Stockpile-6A	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/11/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Lead	EPA-6020	**5.2**	0.10	1	MG/KG	05/14/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**83.1**	05/10/2023	GAP
TFT	EPA-8021	**86.5**	05/10/2023	GAP
C25	NWTPH-DX	**95.6**	05/12/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**107**	05/11/2023	DLC
4-Bromofluorobenzene	EPA-8260	**120**	05/11/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**68.1**	05/12/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/16/2023 EV23050075 EV23050075-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/09/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/8/2023 12:20:00 PM
CLIENT SAMPLE ID	Stockpile-6B	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/10/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/10/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/10/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/10/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/10/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	05/12/2023	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	05/12/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	05/11/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/11/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/16/2023 EV23050075 EV23050075-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/09/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/8/2023 12:20:00 PM
CLIENT SAMPLE ID	Stockpile-6B	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/11/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/12/2023	DBA
Lead	EPA-6020	**5.1**	0.10	1	MG/KG	05/14/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**81.5**	05/10/2023	GAP
TFT	EPA-8021	**84.6**	05/10/2023	GAP
C25	NWTPH-DX	**89.5**	05/12/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**111**	05/11/2023	DLC
4-Bromofluorobenzene	EPA-8260	**109**	05/11/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**71.1**	05/12/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/16/2023 EV23050075 EV23050075-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/09/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/8/2023 12:25:00 PM
CLIENT SAMPLE ID	Stockpile-6C	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/11/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/11/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/11/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/11/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/11/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	05/12/2023	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	05/12/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	05/11/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/11/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/16/2023 EV23050075 EV23050075-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/09/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/8/2023 12:25:00 PM
CLIENT SAMPLE ID	Stockpile-6C	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/11/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/11/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/16/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/16/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/16/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/16/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	05/16/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/16/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/16/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/16/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	20	1	UG/KG	05/16/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/16/2023	DBA
Lead	EPA-6020	**5.1**	0.10	1	MG/KG	05/14/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**77.3**	05/11/2023	GAP
TFT	EPA-8021	**81.1**	05/11/2023	GAP
C25	NWTPH-DX	**87.1**	05/12/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**112**	05/11/2023	DLC
4-Bromofluorobenzene	EPA-8260	**106**	05/11/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**63.4**	05/16/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/16/2023
		ALS SDG#:	EV23050075
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-051023S - Batch 193754 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	05/10/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB-051023S - Batch 193754 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	05/10/2023	GAP
Toluene	EPA-8021	U	MG/KG	0.050	05/10/2023	GAP
Ethylbenzene	EPA-8021	U	MG/KG	0.050	05/10/2023	GAP
Xylenes	EPA-8021	U	MG/KG	0.20	05/10/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB-051123S - Batch 193752 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	05/11/2023	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	05/11/2023	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-051123S - Batch 193782 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Chloromethane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Bromomethane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Chloroethane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Methylene Chloride	EPA-8260	U	UG/KG	20	05/11/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Chloroform	EPA-8260	U	UG/KG	10	05/11/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	05/11/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/16/2023
		ALS SDG#:	EV23050075
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-051123S - Batch 193782 - Soil by EPA-8260

1,1-Dichloropropene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Trichloroethene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Dibromochloromethane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	05/11/2023	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Bromoform	EPA-8260	U	UG/KG	10	05/11/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
2-Chlorotoluene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	05/11/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	05/11/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	05/11/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-051223S - Batch 193879 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	05/12/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	05/12/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	05/12/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	05/12/2023	DBA
Chrysene	EPA-8270 SIM	U	UG/KG	20	05/12/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	05/12/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	05/12/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	05/12/2023	DBA

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CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-051223S - Batch 193879 - Soil by EPA-8270 SIM

Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	05/12/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	05/12/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

MB-051423S - Batch 193790 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	05/14/2023	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

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WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 193754 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**105**			66.5	122.7	05/10/2023	GAP
TPH-Volatile Range - BSD	NWTPH-GX	**103**	**2**		66.5	122.7	05/10/2023	GAP

ALS Test Batch ID: 193754 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**98.1**			67.7	124	05/10/2023	GAP
Benzene - BSD	EPA-8021	**99.4**	**1**		67.7	124	05/10/2023	GAP
Toluene - BS	EPA-8021	**99.7**			71	123	05/10/2023	GAP
Toluene - BSD	EPA-8021	**101**	**1**		71	123	05/10/2023	GAP
Ethylbenzene - BS	EPA-8021	**100**			69.8	120	05/10/2023	GAP
Ethylbenzene - BSD	EPA-8021	**101**	**1**		69.8	120	05/10/2023	GAP
Xylenes - BS	EPA-8021	**100**			70	120	05/10/2023	GAP
Xylenes - BSD	EPA-8021	**102**	**1**		70	120	05/10/2023	GAP

ALS Test Batch ID: 193752 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**109**			75.5	122.1	05/11/2023	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**102**	**7**		75.5	122.1	05/11/2023	DHM

ALS Test Batch ID: 193782 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**78.4**			50	150	05/11/2023	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**68.7**	**13**		50	150	05/11/2023	DLC
Chloromethane - BS	EPA-8260	**96.2**			50	150	05/11/2023	DLC
Chloromethane - BSD	EPA-8260	**87.6**	**9**		50	150	05/11/2023	DLC
Vinyl Chloride - BS	EPA-8260	**84.9**			50	150	05/11/2023	DLC
Vinyl Chloride - BSD	EPA-8260	**76.4**	**11**		50	150	05/11/2023	DLC
Bromomethane - BS	EPA-8260	**94.9**			50	150	05/11/2023	DLC
Bromomethane - BSD	EPA-8260	**89.7**	**6**		50	150	05/11/2023	DLC
Chloroethane - BS	EPA-8260	**87.1**			50	150	05/11/2023	DLC
Chloroethane - BSD	EPA-8260	**80.0**	**9**		50	150	05/11/2023	DLC
Carbon Tetrachloride - BS	EPA-8260	**86.8**			50	150	05/11/2023	DLC
Carbon Tetrachloride - BSD	EPA-8260	**80.6**	**7**		50	150	05/11/2023	DLC
Trichlorofluoromethane - BS	EPA-8260	**83.0**			50	150	05/11/2023	DLC
Trichlorofluoromethane - BSD	EPA-8260	**74.6**	**11**		50	150	05/11/2023	DLC
1,1-Dichloroethene - BS	EPA-8260	**86.4**			70	130	05/11/2023	DLC

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CLIENT PROJECT: Sunset Commons

DATE: 5/16/2023
ALS SDG#: EV23050075
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BSD	EPA-8260	**78.5**	**10**		70	130	05/11/2023	DLC
Methylene Chloride - BS	EPA-8260	**93.2**			50	150	05/11/2023	DLC
Methylene Chloride - BSD	EPA-8260	**93.2**	**0**		50	150	05/11/2023	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**87.4**			50	150	05/11/2023	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**81.0**	**8**		50	150	05/11/2023	DLC
1,1-Dichloroethane - BS	EPA-8260	**87.5**			50	150	05/11/2023	DLC
1,1-Dichloroethane - BSD	EPA-8260	**83.2**	**5**		50	150	05/11/2023	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**90.1**			50	150	05/11/2023	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**85.9**	**5**		50	150	05/11/2023	DLC
2,2-Dichloropropane - BS	EPA-8260	**90.8**			50	150	05/11/2023	DLC
2,2-Dichloropropane - BSD	EPA-8260	**82.9**	**9**		50	150	05/11/2023	DLC
Bromochloromethane - BS	EPA-8260	**94.0**			50	150	05/11/2023	DLC
Bromochloromethane - BSD	EPA-8260	**90.1**	**4**		50	150	05/11/2023	DLC
Chloroform - BS	EPA-8260	**87.4**			50	150	05/11/2023	DLC
Chloroform - BSD	EPA-8260	**83.1**	**5**		50	150	05/11/2023	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**85.4**			50	150	05/11/2023	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**79.3**	**7**		50	150	05/11/2023	DLC
1,1-Dichloropropene - BS	EPA-8260	**89.4**			50	150	05/11/2023	DLC
1,1-Dichloropropene - BSD	EPA-8260	**82.4**	**8**		50	150	05/11/2023	DLC
1,2-Dichloroethane - BS	EPA-8260	**88.8**			50	150	05/11/2023	DLC
1,2-Dichloroethane - BSD	EPA-8260	**85.6**	**4**		50	150	05/11/2023	DLC
Trichloroethene - BS	EPA-8260	**86.5**			75	136	05/11/2023	DLC
Trichloroethene - BSD	EPA-8260	**80.0**	**8**		75	136	05/11/2023	DLC
1,2-Dichloropropane - BS	EPA-8260	**94.1**			50	150	05/11/2023	DLC
1,2-Dichloropropane - BSD	EPA-8260	**91.2**	**3**		50	150	05/11/2023	DLC
Dibromomethane - BS	EPA-8260	**95.3**			50	150	05/11/2023	DLC
Dibromomethane - BSD	EPA-8260	**91.2**	**4**		50	150	05/11/2023	DLC
Bromodichloromethane - BS	EPA-8260	**93.8**			50	150	05/11/2023	DLC
Bromodichloromethane - BSD	EPA-8260	**89.7**	**5**		50	150	05/11/2023	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**98.5**			50	150	05/11/2023	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**96.6**	**2**		50	150	05/11/2023	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**97.5**			50	150	05/11/2023	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**93.4**	**4**		50	150	05/11/2023	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**107**			50	150	05/11/2023	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**104**	**2**		50	150	05/11/2023	DLC
1,3-Dichloropropane - BS	EPA-8260	**107**			50	150	05/11/2023	DLC
1,3-Dichloropropane - BSD	EPA-8260	**106**	**1**		50	150	05/11/2023	DLC
Tetrachloroethylene - BS	EPA-8260	**90.9**			50	150	05/11/2023	DLC
Tetrachloroethylene - BSD	EPA-8260	**84.2**	**8**		50	150	05/11/2023	DLC
Dibromochloromethane - BS	EPA-8260	**105**			50	150	05/11/2023	DLC

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CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 5/16/2023
ALS SDG#: EV23050075
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dibromochloromethane - BSD	EPA-8260	**104**	**2**		50	150	05/11/2023	DLC
1,2-Dibromoethane - BS	EPA-8260	**110**			50	150	05/11/2023	DLC
1,2-Dibromoethane - BSD	EPA-8260	**108**	**2**		50	150	05/11/2023	DLC
Chlorobenzene - BS	EPA-8260	**101**			79	128	05/11/2023	DLC
Chlorobenzene - BSD	EPA-8260	**96.4**	**5**		79	128	05/11/2023	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**104**			50	150	05/11/2023	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**100**	**3**		50	150	05/11/2023	DLC
Bromoform - BS	EPA-8260	**104**			50	150	05/11/2023	DLC
Bromoform - BSD	EPA-8260	**102**	**2**		50	150	05/11/2023	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**120**			50	150	05/11/2023	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**120**	**1**		50	150	05/11/2023	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**118**			50	150	05/11/2023	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**118**	**0**		50	150	05/11/2023	DLC
Bromobenzene - BS	EPA-8260	**110**			50	150	05/11/2023	DLC
Bromobenzene - BSD	EPA-8260	**106**	**4**		50	150	05/11/2023	DLC
2-Chlorotoluene - BS	EPA-8260	**109**			50	150	05/11/2023	DLC
2-Chlorotoluene - BSD	EPA-8260	**103**	**6**		50	150	05/11/2023	DLC
4-Chlorotoluene - BS	EPA-8260	**114**			50	150	05/11/2023	DLC
4-Chlorotoluene - BSD	EPA-8260	**107**	**6**		50	150	05/11/2023	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**108**			50	150	05/11/2023	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**104**	**4**		50	150	05/11/2023	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**111**			50	150	05/11/2023	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**106**	**4**		50	150	05/11/2023	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**111**			50	150	05/11/2023	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**107**	**3**		50	150	05/11/2023	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**120**			50	150	05/11/2023	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**120**	**0**		50	150	05/11/2023	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**121**			50	150	05/11/2023	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**116**	**4**		50	150	05/11/2023	DLC
Hexachlorobutadiene - BS	EPA-8260	**108**			50	150	05/11/2023	DLC
Hexachlorobutadiene - BSD	EPA-8260	**103**	**5**		50	150	05/11/2023	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**124**			50	150	05/11/2023	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**121**	**2**		50	150	05/11/2023	DLC

ALS Test Batch ID: 193879 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**97.1**			20	150	05/12/2023	DBA
Naphthalene - BSD	EPA-8270 SIM	**87.7**	**10**		20	150	05/12/2023	DBA
2-Methylnaphthalene - BS	EPA-8270 SIM	**105**			20	150	05/12/2023	DBA

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LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
2-Methylnaphthalene - BSD	EPA-8270 SIM	**93.0**	**12**		20	150	05/12/2023	DBA
1-Methylnaphthalene - BS	EPA-8270 SIM	**103**			20	150	05/12/2023	DBA
1-Methylnaphthalene - BSD	EPA-8270 SIM	**91.3**	**12**		20	150	05/12/2023	DBA
Benzo[A]Anthracene - BS	EPA-8270 SIM	**129**			20	150	05/12/2023	DBA
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**115**	**12**		20	150	05/12/2023	DBA
Chrysene - BS	EPA-8270 SIM	**125**			20	150	05/12/2023	DBA
Chrysene - BSD	EPA-8270 SIM	**112**	**11**		20	150	05/12/2023	DBA
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**121**			20	150	05/12/2023	DBA
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**108**	**11**		20	150	05/12/2023	DBA
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**96.4**			20	150	05/12/2023	DBA
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**87.0**	**10**		20	150	05/12/2023	DBA
Benzo[A]Pyrene - BS	EPA-8270 SIM	**125**			20	150	05/12/2023	DBA
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**114**	**10**		20	150	05/12/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**137**			20	150	05/12/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**124**	**10**		20	150	05/12/2023	DBA
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**114**			20	150	05/12/2023	DBA
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**105**	**8**		20	150	05/12/2023	DBA

ALS Test Batch ID: 193790 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**96.5**			80	120	05/14/2023	EBS
Lead - BSD	EPA-6020	**96.5**	**0**		80	120	05/14/2023	EBS

APPROVED BY

Rob Greer
Laboratory Director

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Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.: EV2305075

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Dx	NWTPH-Gx	BTEX (8021)	HVOCs (8260)	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)
Stockpile-4A	Soil	5/8/23	1120	1	4	X	X	X	X	X	X	X
Stockpile-4B	Soil	5/8/23	1125	2	4	X	X	X	X	X	X	X
Stockpile-5A	Soil	5/8/23	1140	3	4	X	X	X	X	X	X	X
Stockpile-5B	Soil	5/8/23	1145	4	4	X	X	X	X	X	X	X
Stockpile-6A	Soil	5/8/23	1215	5	4	X	X	X	X	X	X	X
Stockpile-6B	Soil	5/8/23	1220	6	4	X	X	X	X	X	X	X
Stockpile-6C	Soil	5/8/23	1225	7	4	X	X	X	X	X	X	X

TAT

- ☐ Routine 10 Day
- ☐ 24 hours * 100%
- ☐ 48 hours* 80%
- ☐ 3 Day* 60%
- ■ 5 day* 50%

* Please call for availability

Due Date:

Comments

all samples collected via 5035A

Run Bolded samples on a 48hr TAT. All others on a 3-day TAT.

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Jacob Libolt	Jacob Libolt	5/9/2023 3:30pm			
Robert Greer		5/9/2023 3:30pm			

Revised : 5/8/2023

May 22, 2023

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On May 12th, 5 samples were received by our laboratory and assigned our laboratory project number EV23050105. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Rob Greer
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/22/2023 EV23050105 EV23050105-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/12/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/12/2023 9:15:00 AM
CLIENT SAMPLE ID	Stockpile-7A	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/15/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/15/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/15/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/15/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/15/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	05/15/2023	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	05/15/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	05/16/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/16/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/22/2023 EV23050105 EV23050105-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/12/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/12/2023 9:15:00 AM
CLIENT SAMPLE ID	Stockpile-7A	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bromoform	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/16/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
Chrysene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	**34**	20	1	UG/KG	05/19/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	**25**	20	1	UG/KG	05/19/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**22**	20	1	UG/KG	05/19/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
Lead	EPA-6020	**6.3**	0.10	1	MG/KG	05/15/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**102**	05/15/2023	GAP
TFT	EPA-8021	**104**	05/15/2023	GAP
C25	NWTPH-DX	**93.6**	05/15/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**101**	05/16/2023	DLC
4-Bromofluorobenzene	EPA-8260	**104**	05/16/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**70.5**	05/19/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/22/2023 EV23050105 EV23050105-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/12/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/12/2023 9:25:00 AM
CLIENT SAMPLE ID	Stockpile-7B	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/15/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/15/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/15/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/15/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/15/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	05/15/2023	DHM
TPH-Oil Range	NWTPH-DX	**76**	50	1	MG/KG	05/15/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	05/16/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/16/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/22/2023 EV23050105 EV23050105-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/12/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/12/2023 9:25:00 AM
CLIENT SAMPLE ID	Stockpile-7B	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/16/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	**29**	20	1	UG/KG	05/19/2023	DBA
Chrysene	EPA-8270 SIM	**42**	20	1	UG/KG	05/19/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	**53**	20	1	UG/KG	05/19/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	**30**	20	1	UG/KG	05/19/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	**40**	20	1	UG/KG	05/19/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**32**	20	1	UG/KG	05/19/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
Lead	EPA-6020	**14**	0.10	1	MG/KG	05/15/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**80.7**	05/15/2023	GAP
TFT	EPA-8021	**82.8**	05/15/2023	GAP
C25	NWTPH-DX	**100**	05/15/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**102**	05/16/2023	DLC
4-Bromofluorobenzene	EPA-8260	**105**	05/16/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**64.4**	05/19/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains weathered lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/22/2023 EV23050105 EV23050105-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/12/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/12/2023 9:35:00 AM
CLIENT SAMPLE ID	Stockpile-7C	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/15/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/15/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/15/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/15/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/15/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	05/15/2023	DHM
TPH-Oil Range	NWTPH-DX	**84**	50	1	MG/KG	05/15/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	05/16/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/16/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/22/2023 EV23050105 EV23050105-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/12/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/12/2023 9:35:00 AM
CLIENT SAMPLE ID	Stockpile-7C	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/16/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	**41**	20	1	UG/KG	05/19/2023	DBA
Chrysene	EPA-8270 SIM	**53**	20	1	UG/KG	05/19/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	**64**	20	1	UG/KG	05/19/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	**31**	20	1	UG/KG	05/19/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	**53**	20	1	UG/KG	05/19/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**38**	20	1	UG/KG	05/19/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
Lead	EPA-6020	**29**	0.10	1	MG/KG	05/15/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**85.6**	05/15/2023	GAP
TFT	EPA-8021	**86.4**	05/15/2023	GAP
C25	NWTPH-DX	**123**	05/15/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**103**	05/16/2023	DLC
4-Bromofluorobenzene	EPA-8260	**121**	05/16/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**64.3**	05/19/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains weathered lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/22/2023 EV23050105 EV23050105-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/12/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/12/2023 9:45:00 AM
CLIENT SAMPLE ID	Stockpile-7D	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/15/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/15/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/15/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/15/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/15/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	05/16/2023	DHM
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	05/16/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	05/17/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/17/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/22/2023 EV23050105 EV23050105-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/12/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/12/2023 9:45:00 AM
CLIENT SAMPLE ID	Stockpile-7D	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/17/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/17/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	**35**	20	1	UG/KG	05/19/2023	DBA
Chrysene	EPA-8270 SIM	**47**	20	1	UG/KG	05/19/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	**72**	20	1	UG/KG	05/19/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	**25**	20	1	UG/KG	05/19/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	**51**	20	1	UG/KG	05/19/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**33**	20	1	UG/KG	05/19/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
Lead	EPA-6020	**37**	0.10	1	MG/KG	05/15/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**84.6**	05/15/2023	GAP
TFT	EPA-8021	**85.8**	05/15/2023	GAP
C25	NWTPH-DX	**94.0**	05/16/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**99.7**	05/17/2023	DLC
4-Bromofluorobenzene	EPA-8260	**114**	05/17/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**61.7**	05/19/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/22/2023 EV23050105 EV23050105-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/12/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/12/2023 9:55:00 AM
CLIENT SAMPLE ID	Stockpile-7E	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	3.0	1	MG/KG	05/15/2023	GAP
Benzene	EPA-8021	U	0.030	1	MG/KG	05/15/2023	GAP
Toluene	EPA-8021	U	0.050	1	MG/KG	05/15/2023	GAP
Ethylbenzene	EPA-8021	U	0.050	1	MG/KG	05/15/2023	GAP
Xylenes	EPA-8021	U	0.20	1	MG/KG	05/15/2023	GAP
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	05/16/2023	DHM
TPH-Oil Range	NWTPH-DX	**52**	50	1	MG/KG	05/16/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	05/16/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/16/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/22/2023 EV23050105 EV23050105-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/12/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/12/2023 9:55:00 AM
CLIENT SAMPLE ID	Stockpile-7E	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/16/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/16/2023	DLC
Naphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	**55**	20	1	UG/KG	05/19/2023	DBA
Chrysene	EPA-8270 SIM	**100**	20	1	UG/KG	05/19/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	**110**	20	1	UG/KG	05/19/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	**51**	20	1	UG/KG	05/19/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	**78**	20	1	UG/KG	05/19/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	**57**	20	1	UG/KG	05/19/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	20	1	UG/KG	05/19/2023	DBA
Lead	EPA-6020	**13**	0.10	1	MG/KG	05/15/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**82.8**	05/15/2023	GAP
TFT	EPA-8021	**84.6**	05/15/2023	GAP
C25	NWTPH-DX	**105**	05/16/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**101**	05/16/2023	DLC
4-Bromofluorobenzene	EPA-8260	**105**	05/16/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**68.4**	05/19/2023	DBA

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Chromatogram indicates that it is likely that sample contains weathered lube oil.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/22/2023
		ALS SDG#:	EV23050105
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-051523S - Batch 193802 - Soil by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	MG/KG	3.0	05/15/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB-051523S - Batch 193802 - Soil by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	MG/KG	0.030	05/15/2023	GAP
Toluene	EPA-8021	U	MG/KG	0.050	05/15/2023	GAP
Ethylbenzene	EPA-8021	U	MG/KG	0.050	05/15/2023	GAP
Xylenes	EPA-8021	U	MG/KG	0.20	05/15/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB-051523S - Batch 193803 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	05/15/2023	DHM
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	05/15/2023	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-051623S - Batch 194018 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Chloromethane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Bromomethane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Chloroethane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Methylene Chloride	EPA-8260	U	UG/KG	20	05/16/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Chloroform	EPA-8260	U	UG/KG	10	05/16/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	05/16/2023	DLC

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Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 5/22/2023
ALS SDG#: EV23050105
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-051623S - Batch 194018 - Soil by EPA-8260

1,1-Dichloropropene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Trichloroethene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Dibromochloromethane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	05/16/2023	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Bromoform	EPA-8260	U	UG/KG	10	05/16/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
2-Chlorotoluene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	05/16/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	05/16/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	05/16/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-051823S - Batch 194088 - Soil by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/KG	20	05/19/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	05/19/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	UG/KG	20	05/19/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/KG	20	05/19/2023	DBA
Chrysene	EPA-8270 SIM	U	UG/KG	20	05/19/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	05/19/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/KG	20	05/19/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/KG	20	05/19/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/22/2023
		ALS SDG#:	EV23050105
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-051823S - Batch 194088 - Soil by EPA-8270 SIM

Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/KG	20	05/19/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/KG	20	05/19/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

MB-051523S - Batch 193789 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead	EPA-6020	U	MG/KG	0.10	05/15/2023	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CLIENT PROJECT: Sunset Commons

DATE: 5/22/2023
ALS SDG#: EV23050105
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 193802 - Soil by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**108**			66.5	122.7	05/15/2023	GAP
TPH-Volatile Range - BSD	NWTPH-GX	**108**	**0**		66.5	122.7	05/15/2023	GAP

ALS Test Batch ID: 193802 - Soil by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**97.7**			67.7	124	05/15/2023	GAP
Benzene - BSD	EPA-8021	**92.3**	**6**		67.7	124	05/15/2023	GAP
Toluene - BS	EPA-8021	**99.5**			71	123	05/15/2023	GAP
Toluene - BSD	EPA-8021	**94.3**	**5**		71	123	05/15/2023	GAP
Ethylbenzene - BS	EPA-8021	**100**			69.8	120	05/15/2023	GAP
Ethylbenzene - BSD	EPA-8021	**94.9**	**5**		69.8	120	05/15/2023	GAP
Xylenes - BS	EPA-8021	**100**			70	120	05/15/2023	GAP
Xylenes - BSD	EPA-8021	**95.6**	**5**		70	120	05/15/2023	GAP

ALS Test Batch ID: 193803 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**110**			75.5	122.1	05/15/2023	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**113**	**2**		75.5	122.1	05/15/2023	DHM

ALS Test Batch ID: 194018 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**94.6**			50	150	05/16/2023	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**90.0**	**5**		50	150	05/16/2023	DLC
Chloromethane - BS	EPA-8260	**98.3**			50	150	05/16/2023	DLC
Chloromethane - BSD	EPA-8260	**96.0**	**2**		50	150	05/16/2023	DLC
Vinyl Chloride - BS	EPA-8260	**89.4**			50	150	05/16/2023	DLC
Vinyl Chloride - BSD	EPA-8260	**88.8**	**1**		50	150	05/16/2023	DLC
Bromomethane - BS	EPA-8260	**98.7**			50	150	05/16/2023	DLC
Bromomethane - BSD	EPA-8260	**100**	**2**		50	150	05/16/2023	DLC
Chloroethane - BS	EPA-8260	**91.0**			50	150	05/16/2023	DLC
Chloroethane - BSD	EPA-8260	**91.2**	**0**		50	150	05/16/2023	DLC
Carbon Tetrachloride - BS	EPA-8260	**98.7**			50	150	05/16/2023	DLC
Carbon Tetrachloride - BSD	EPA-8260	**100**	**2**		50	150	05/16/2023	DLC
Trichlorofluoromethane - BS	EPA-8260	**92.1**			50	150	05/16/2023	DLC
Trichlorofluoromethane - BSD	EPA-8260	**92.1**	**0**		50	150	05/16/2023	DLC
1,1-Dichloroethene - BS	EPA-8260	**91.5**			70	130	05/16/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
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Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 5/22/2023
ALS SDG#: EV23050105
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BSD	EPA-8260	**91.1**	**0**		70	130	05/16/2023	DLC
Methylene Chloride - BS	EPA-8260	**99.7**			50	150	05/16/2023	DLC
Methylene Chloride - BSD	EPA-8260	**102**	**2**		50	150	05/16/2023	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**95.2**			50	150	05/16/2023	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**96.4**	**1**		50	150	05/16/2023	DLC
1,1-Dichloroethane - BS	EPA-8260	**95.9**			50	150	05/16/2023	DLC
1,1-Dichloroethane - BSD	EPA-8260	**95.5**	**0**		50	150	05/16/2023	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**94.0**			50	150	05/16/2023	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**96.3**	**2**		50	150	05/16/2023	DLC
2,2-Dichloropropane - BS	EPA-8260	**88.9**			50	150	05/16/2023	DLC
2,2-Dichloropropane - BSD	EPA-8260	**89.8**	**1**		50	150	05/16/2023	DLC
Bromochloromethane - BS	EPA-8260	**96.2**			50	150	05/16/2023	DLC
Bromochloromethane - BSD	EPA-8260	**96.5**	**0**		50	150	05/16/2023	DLC
Chloroform - BS	EPA-8260	**96.8**			50	150	05/16/2023	DLC
Chloroform - BSD	EPA-8260	**98.6**	**2**		50	150	05/16/2023	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**95.8**			50	150	05/16/2023	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**97.9**	**2**		50	150	05/16/2023	DLC
1,1-Dichloropropene - BS	EPA-8260	**94.3**			50	150	05/16/2023	DLC
1,1-Dichloropropene - BSD	EPA-8260	**95.4**	**1**		50	150	05/16/2023	DLC
1,2-Dichloroethane - BS	EPA-8260	**97.5**			50	150	05/16/2023	DLC
1,2-Dichloroethane - BSD	EPA-8260	**97.5**	**0**		50	150	05/16/2023	DLC
Trichloroethene - BS	EPA-8260	**95.6**			75	136	05/16/2023	DLC
Trichloroethene - BSD	EPA-8260	**96.3**	**1**		75	136	05/16/2023	DLC
1,2-Dichloropropane - BS	EPA-8260	**95.0**			50	150	05/16/2023	DLC
1,2-Dichloropropane - BSD	EPA-8260	**96.5**	**2**		50	150	05/16/2023	DLC
Dibromomethane - BS	EPA-8260	**97.4**			50	150	05/16/2023	DLC
Dibromomethane - BSD	EPA-8260	**99.3**	**2**		50	150	05/16/2023	DLC
Bromodichloromethane - BS	EPA-8260	**97.8**			50	150	05/16/2023	DLC
Bromodichloromethane - BSD	EPA-8260	**98.4**	**1**		50	150	05/16/2023	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**96.4**			50	150	05/16/2023	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**96.9**	**1**		50	150	05/16/2023	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**99.8**			50	150	05/16/2023	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**101**	**1**		50	150	05/16/2023	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**98.5**			50	150	05/16/2023	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**101**	**3**		50	150	05/16/2023	DLC
1,3-Dichloropropane - BS	EPA-8260	**98.9**			50	150	05/16/2023	DLC
1,3-Dichloropropane - BSD	EPA-8260	**101**	**2**		50	150	05/16/2023	DLC
Tetrachloroethylene - BS	EPA-8260	**111**			50	150	05/16/2023	DLC
Tetrachloroethylene - BSD	EPA-8260	**109**	**2**		50	150	05/16/2023	DLC
Dibromochloromethane - BS	EPA-8260	**103**			50	150	05/16/2023	DLC

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DATE: 5/22/2023
ALS SDG#: EV23050105
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dibromochloromethane - BSD	EPA-8260	**106**	**3**		50	150	05/16/2023	DLC
1,2-Dibromoethane - BS	EPA-8260	**102**			50	150	05/16/2023	DLC
1,2-Dibromoethane - BSD	EPA-8260	**105**	**3**		50	150	05/16/2023	DLC
Chlorobenzene - BS	EPA-8260	**98.4**			79	128	05/16/2023	DLC
Chlorobenzene - BSD	EPA-8260	**101**	**2**		79	128	05/16/2023	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**106**			50	150	05/16/2023	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**108**	**2**		50	150	05/16/2023	DLC
Bromoform - BS	EPA-8260	**106**			50	150	05/16/2023	DLC
Bromoform - BSD	EPA-8260	**111**	**5**		50	150	05/16/2023	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**96.0**			50	150	05/16/2023	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**98.0**	**2**		50	150	05/16/2023	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**97.4**			50	150	05/16/2023	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**98.7**	**1**		50	150	05/16/2023	DLC
Bromobenzene - BS	EPA-8260	**98.8**			50	150	05/16/2023	DLC
Bromobenzene - BSD	EPA-8260	**98.1**	**1**		50	150	05/16/2023	DLC
2-Chlorotoluene - BS	EPA-8260	**97.8**			50	150	05/16/2023	DLC
2-Chlorotoluene - BSD	EPA-8260	**96.7**	**1**		50	150	05/16/2023	DLC
4-Chlorotoluene - BS	EPA-8260	**98.1**			50	150	05/16/2023	DLC
4-Chlorotoluene - BSD	EPA-8260	**96.3**	**2**		50	150	05/16/2023	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**100**			50	150	05/16/2023	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**98.5**	**1**		50	150	05/16/2023	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**98.3**			50	150	05/16/2023	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**97.7**	**1**		50	150	05/16/2023	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**99.1**			50	150	05/16/2023	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**99.4**	**0**		50	150	05/16/2023	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**97.3**			50	150	05/16/2023	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**99.1**	**2**		50	150	05/16/2023	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**104**			50	150	05/16/2023	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**99.8**	**4**		50	150	05/16/2023	DLC
Hexachlorobutadiene - BS	EPA-8260	**101**			50	150	05/16/2023	DLC
Hexachlorobutadiene - BSD	EPA-8260	**98.2**	**3**		50	150	05/16/2023	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**103**			50	150	05/16/2023	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**96.8**	**6**		50	150	05/16/2023	DLC

ALS Test Batch ID: 194088 - Soil by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**83.6**			20	150	05/19/2023	DBA
Naphthalene - BSD	EPA-8270 SIM	**85.0**	**2**		20	150	05/19/2023	DBA
2-Methylnaphthalene - BS	EPA-8270 SIM	**86.1**			20	150	05/19/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS SDG#: WDOE ACCREDITATION:	5/22/2023 EV23050105 C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
2-Methylnaphthalene - BSD	EPA-8270 SIM	**88.6**	**3**		20	150	05/19/2023	DBA
1-Methylnaphthalene - BS	EPA-8270 SIM	**89.9**			20	150	05/19/2023	DBA
1-Methylnaphthalene - BSD	EPA-8270 SIM	**91.8**	**2**		20	150	05/19/2023	DBA
Benzo[A]Anthracene - BS	EPA-8270 SIM	**82.7**			20	150	05/19/2023	DBA
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**78.2**	**6**		20	150	05/19/2023	DBA
Chrysene - BS	EPA-8270 SIM	**108**			20	150	05/19/2023	DBA
Chrysene - BSD	EPA-8270 SIM	**112**	**3**		20	150	05/19/2023	DBA
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**83.5**			20	150	05/19/2023	DBA
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**82.0**	**2**		20	150	05/19/2023	DBA
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**65.8**			20	150	05/19/2023	DBA
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**69.3**	**5**		20	150	05/19/2023	DBA
Benzo[A]Pyrene - BS	EPA-8270 SIM	**103**			20	150	05/19/2023	DBA
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**104**	**0**		20	150	05/19/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**96.2**			20	150	05/19/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**89.8**	**7**		20	150	05/19/2023	DBA
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**87.8**			20	150	05/19/2023	DBA
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**79.0**	**11**		20	150	05/19/2023	DBA

ALS Test Batch ID: 193789 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead - BS	EPA-6020	**95.8**			80	120	05/15/2023	EBS
Lead - BSD	EPA-6020	**94.3**	**2**		80	120	05/15/2023	EBS

APPROVED BY



Rob Greer
Laboratory Director

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Chain of Custody

EV2305105

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.:

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Dx	NWTPH-Gx	BTEX (8021)	HVOCs (8260)	Lead (Pb)	Naphthalenes (8270SIM)	cPAHs (8270SIM)
Stockpile-7A	Soil	5/12/23	915	1	4	X	X	X	X	X	X	X
Stockpile-7B	Soil	5/12/23	925	2	4	X	X	X	X	X	X	X
Stockpile-7C	Soil	5/12/23	935	3	4	X	X	X	X	X	X	X
Stockpile-7D	Soil	5/12/23	945	4	4	X	X	X	X	X	X	X
Stockpile-7E	Soil	5/12/23	955	5	4	X	X	X	X	X	X	X

TAT

- ☐ Routine 10 Day
- ☐ 24 hours * 100%
- ☐ 48 hours* 80%
- ☐ 3 Day* 60%
- ■ 5 day* 50%

* Please call for availability

Due Date:

Comments

all samples collected via 5035A

Run Bolded samples on a 48hr TAT. All others on a 3-day TAT.

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Thom Davis		5/12/23@1030A	AFREESE		05-12-23 0912

Revised : 5/12/2023

May 5, 2023

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On May 4th, 2 samples were received by our laboratory and assigned our laboratory project number EV23050031. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Rob Greer
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/5/2023 EV23050031 EV23050031-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 10:15:00 AM
CLIENT SAMPLE ID	CO-1 0-5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Methylene Chloride	EPA-8260	U, CCV002	20	1	UG/KG	05/04/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/04/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/5/2023 EV23050031 EV23050031-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 10:15:00 AM
CLIENT SAMPLE ID	CO-1 0-5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/04/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**105**	05/04/2023	DLC
4-Bromofluorobenzene	EPA-8260	**106**	05/04/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.
CCV002 -CCV recovery was below method acceptance limits.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/5/2023
		ALS JOB#:	EV23050031
		ALS SAMPLE#:	EV23050031-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 10:20:00 AM
CLIENT SAMPLE ID	CO-2 0-5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Methylene Chloride	EPA-8260	U, CCV002	20	1	UG/KG	05/04/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	05/04/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/5/2023 EV23050031 EV23050031-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/04/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/4/2023 10:20:00 AM
CLIENT SAMPLE ID	CO-2 0-5ft	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	05/04/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	05/04/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	**106**	05/04/2023	DLC
4-Bromofluorobenzene	EPA-8260	**105**	05/04/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.
CCV002 -CCV recovery was below method acceptance limits.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 5/5/2023
ALS SDG#: EV23050031
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-050423S - Batch 193441 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Chloromethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Bromomethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Chloroethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Methylene Chloride	EPA-8260	U, CCV002	UG/KG	20	05/04/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Chloroform	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,1-Dichloropropene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Trichloroethene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Dibromochloromethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	05/04/2023	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Bromoform	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
2-Chlorotoluene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	05/04/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/5/2023
		ALS SDG#:	EV23050031
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-050423S - Batch 193441 - Soil by EPA-8260

1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	05/04/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	05/04/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	05/04/2023	DLC

CCV002 - CCV recovery was below method acceptance limits.

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 5/5/2023
ALS SDG#: EV23050031
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 193441 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	104			50	150	05/04/2023	DLC
Dichlorodifluoromethane - BSD	EPA-8260	102	2		50	150	05/04/2023	DLC
Chloromethane - BS	EPA-8260	90.4			50	150	05/04/2023	DLC
Chloromethane - BSD	EPA-8260	87.7	3		50	150	05/04/2023	DLC
Vinyl Chloride - BS	EPA-8260	104			50	150	05/04/2023	DLC
Vinyl Chloride - BSD	EPA-8260	102	2		50	150	05/04/2023	DLC
Bromomethane - BS	EPA-8260	117			50	150	05/04/2023	DLC
Bromomethane - BSD	EPA-8260	117	0		50	150	05/04/2023	DLC
Chloroethane - BS	EPA-8260	100			50	150	05/04/2023	DLC
Chloroethane - BSD	EPA-8260	98.4	2		50	150	05/04/2023	DLC
Carbon Tetrachloride - BS	EPA-8260	97.6			50	150	05/04/2023	DLC
Carbon Tetrachloride - BSD	EPA-8260	96.3	1		50	150	05/04/2023	DLC
Trichlorofluoromethane - BS	EPA-8260	98.3			50	150	05/04/2023	DLC
Trichlorofluoromethane - BSD	EPA-8260	95.8	3		50	150	05/04/2023	DLC
1,1-Dichloroethene - BS	EPA-8260	103			70	130	05/04/2023	DLC
1,1-Dichloroethene - BSD	EPA-8260	101	2		70	130	05/04/2023	DLC
Methylene Chloride - BS	EPA-8260	31.0		CCV00	50	150	05/04/2023	DLC
Methylene Chloride - BSD	EPA-8260	31.5	2	CCV00	50	150	05/04/2023	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	93.1			50	150	05/04/2023	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	92.4	1		50	150	05/04/2023	DLC
1,1-Dichloroethane - BS	EPA-8260	94.2			50	150	05/04/2023	DLC
1,1-Dichloroethane - BSD	EPA-8260	93.5	1		50	150	05/04/2023	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	96.9			50	150	05/04/2023	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	97.3	0		50	150	05/04/2023	DLC
2,2-Dichloropropane - BS	EPA-8260	105			50	150	05/04/2023	DLC
2,2-Dichloropropane - BSD	EPA-8260	102	2		50	150	05/04/2023	DLC
Bromochloromethane - BS	EPA-8260	108			50	150	05/04/2023	DLC
Bromochloromethane - BSD	EPA-8260	107	1		50	150	05/04/2023	DLC
Chloroform - BS	EPA-8260	101			50	150	05/04/2023	DLC
Chloroform - BSD	EPA-8260	99.9	1		50	150	05/04/2023	DLC
1,1,1-Trichloroethane - BS	EPA-8260	94.8			50	150	05/04/2023	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	92.6	2		50	150	05/04/2023	DLC
1,1-Dichloropropene - BS	EPA-8260	96.4			50	150	05/04/2023	DLC
1,1-Dichloropropene - BSD	EPA-8260	94.5	2		50	150	05/04/2023	DLC
1,2-Dichloroethane - BS	EPA-8260	102			50	150	05/04/2023	DLC
1,2-Dichloroethane - BSD	EPA-8260	101	1		50	150	05/04/2023	DLC
Trichloroethene - BS	EPA-8260	103			75	136	05/04/2023	DLC
Trichloroethene - BSD	EPA-8260	101	2		75	136	05/04/2023	DLC
1,2-Dichloropropane - BS	EPA-8260	101			50	150	05/04/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 5/5/2023
ALS SDG#: EV23050031
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloropropane - BSD	EPA-8260	**101**	**0**		50	150	05/04/2023	DLC
Dibromomethane - BS	EPA-8260	**102**			50	150	05/04/2023	DLC
Dibromomethane - BSD	EPA-8260	**99.8**	**2**		50	150	05/04/2023	DLC
Bromodichloromethane - BS	EPA-8260	**102**			50	150	05/04/2023	DLC
Bromodichloromethane - BSD	EPA-8260	**101**	**1**		50	150	05/04/2023	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**105**			50	150	05/04/2023	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**102**	**2**		50	150	05/04/2023	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**104**			50	150	05/04/2023	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**102**	**2**		50	150	05/04/2023	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**97.8**			50	150	05/04/2023	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**95.8**	**2**		50	150	05/04/2023	DLC
1,3-Dichloropropane - BS	EPA-8260	**99.3**			50	150	05/04/2023	DLC
1,3-Dichloropropane - BSD	EPA-8260	**97.3**	**2**		50	150	05/04/2023	DLC
Tetrachloroethylene - BS	EPA-8260	**120**			50	150	05/04/2023	DLC
Tetrachloroethylene - BSD	EPA-8260	**113**	**6**		50	150	05/04/2023	DLC
Dibromochloromethane - BS	EPA-8260	**97.2**			50	150	05/04/2023	DLC
Dibromochloromethane - BSD	EPA-8260	**95.3**	**2**		50	150	05/04/2023	DLC
1,2-Dibromoethane - BS	EPA-8260	**101**			50	150	05/04/2023	DLC
1,2-Dibromoethane - BSD	EPA-8260	**98.8**	**2**		50	150	05/04/2023	DLC
Chlorobenzene - BS	EPA-8260	**97.2**			79	128	05/04/2023	DLC
Chlorobenzene - BSD	EPA-8260	**95.5**	**2**		79	128	05/04/2023	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**92.2**			50	150	05/04/2023	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**91.5**	**1**		50	150	05/04/2023	DLC
Bromoform - BS	EPA-8260	**92.7**			50	150	05/04/2023	DLC
Bromoform - BSD	EPA-8260	**90.1**	**3**		50	150	05/04/2023	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**98.3**			50	150	05/04/2023	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**97.5**	**1**		50	150	05/04/2023	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**98.7**			50	150	05/04/2023	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**97.3**	**1**		50	150	05/04/2023	DLC
Bromobenzene - BS	EPA-8260	**94.4**			50	150	05/04/2023	DLC
Bromobenzene - BSD	EPA-8260	**95.0**	**1**		50	150	05/04/2023	DLC
2-Chlorotoluene - BS	EPA-8260	**98.6**			50	150	05/04/2023	DLC
2-Chlorotoluene - BSD	EPA-8260	**98.9**	**0**		50	150	05/04/2023	DLC
4-Chlorotoluene - BS	EPA-8260	**98.2**			50	150	05/04/2023	DLC
4-Chlorotoluene - BSD	EPA-8260	**98.0**	**0**		50	150	05/04/2023	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**93.6**			50	150	05/04/2023	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**94.0**	**0**		50	150	05/04/2023	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**95.9**			50	150	05/04/2023	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**95.9**	**0**		50	150	05/04/2023	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**95.2**			50	150	05/04/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 5/5/2023
ALS SDG#: EV23050031
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,2-Dichlorobenzene - BSD	EPA-8260	**95.7**	**1**		50	150	05/04/2023	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**97.9**			50	150	05/04/2023	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**96.9**	**1**		50	150	05/04/2023	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**96.0**			50	150	05/04/2023	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**99.6**	**4**		50	150	05/04/2023	DLC
Hexachlorobutadiene - BS	EPA-8260	**92.1**			50	150	05/04/2023	DLC
Hexachlorobutadiene - BSD	EPA-8260	**93.3**	**1**		50	150	05/04/2023	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**88.7**			50	150	05/04/2023	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**94.3**	**6**		50	150	05/04/2023	DLC

CCV002 - CCV recovery was below method acceptance limits.

APPROVED BY



Rob Greer
Laboratory Director

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Chain of Custody

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.: EV2305 0031

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	(360) 752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**	WA				
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):				
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	HVOCs (8260)
B49 - 0 to 5ft-A	Soil	5/4/23	1015	1	4	X
B49 - 0 to 5ft-B	Soil	5/4/23	1020	2	4	X

TAT

- [ ] Routine 10 Day
- [x] 24 hours * 100%
- [ ] 48 hours* 80%
- [ ] 3 Day* 60%
- [ ] 5 day* 50%

* **Please call for availability**

Due Date:

Comments

all samples collected via 5035A

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Thom Davis		5/4/23@1105	AFREESE		05/04/23 @1200

Revised : 5/4/2023

May 11, 2023

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On May 9th, 2 samples were received by our laboratory and assigned our laboratory project number EV23050074. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Rob Greer
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/11/2023 EV23050074 EV23050074-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/09/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/9/2023 11:10:00 AM
CLIENT SAMPLE ID	B27 Resample	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1-Trichloroethane (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
Vinyl Chloride (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
cis-1,2-Dichloroethene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
Carbon Tetrachloride (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
1,1-Dichloroethene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
2-Butanone (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
Chloroform (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
1,2-Dichloroethane (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
Trichloroethene (ZHE)	EPA-8260/1311	**0.021**	0.0050	1	MG/L	05/10/2023	DLC
Tetrachloroethylene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
Chlorobenzene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
1,4-Dichlorobenzene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260/1311	**99.6**	05/10/2023	DLC
4-Bromofluorobenzene	EPA-8260/1311	**100**	05/10/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	5/11/2023 EV23050074 EV23050074-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/09/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/9/2023 11:55:00 AM
CLIENT SAMPLE ID	B27E Resample	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1-Trichloroethane (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
Vinyl Chloride (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
cis-1,2-Dichloroethene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
Carbon Tetrachloride (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
1,1-Dichloroethene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
2-Butanone (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
Chloroform (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
1,2-Dichloroethane (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
Trichloroethene (ZHE)	EPA-8260/1311	**0.011**	0.0050	1	MG/L	05/10/2023	DLC
Tetrachloroethylene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
Chlorobenzene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC
1,4-Dichlorobenzene (ZHE)	EPA-8260/1311	U	0.0050	1	MG/L	05/10/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260/1311	**103**	05/10/2023	DLC
4-Bromofluorobenzene	EPA-8260/1311	**102**	05/10/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/11/2023
		ALS SDG#:	EV23050074
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBLK-R434965 - Batch R434965 - TCLP Extract by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
1,1,1-Trichloroethane (ZHE)	EPA-8260/1311	U	MG/L	0.0050	05/10/2023	DLC
Vinyl Chloride (ZHE)	EPA-8260/1311	U	MG/L	0.0050	05/10/2023	DLC
cis-1,2-Dichloroethene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	05/10/2023	DLC
Carbon Tetrachloride (ZHE)	EPA-8260/1311	U	MG/L	0.0050	05/10/2023	DLC
1,1-Dichloroethene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	05/10/2023	DLC
2-Butanone (ZHE)	EPA-8260/1311	U	MG/L	0.0050	05/10/2023	DLC
Chloroform (ZHE)	EPA-8260/1311	U	MG/L	0.0050	05/10/2023	DLC
1,2-Dichloroethane (ZHE)	EPA-8260/1311	U	MG/L	0.0050	05/10/2023	DLC
Trichloroethene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	05/10/2023	DLC
Tetrachloroethylene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	05/10/2023	DLC
Chlorobenzene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	05/10/2023	DLC
1,4-Dichlorobenzene (ZHE)	EPA-8260/1311	U	MG/L	0.0050	05/10/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	5/11/2023
		ALS SDG#:	EV23050074
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: R434965 - TCLP Extract by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene (ZHE) - BS	EPA-8260/1311	**95.7**			80.2	139	05/10/2023	DLC
1,1-Dichloroethene (ZHE) - BSD	EPA-8260/1311	**97.5**	**2**		80.2	139	05/10/2023	DLC
Trichloroethene (ZHE) - BS	EPA-8260/1311	**94.3**			80	134	05/10/2023	DLC
Trichloroethene (ZHE) - BSD	EPA-8260/1311	**95.7**	**1**		80	134	05/10/2023	DLC
Chlorobenzene (ZHE) - BS	EPA-8260/1311	**100**			78	130	05/10/2023	DLC
Chlorobenzene (ZHE) - BSD	EPA-8260/1311	**103**	**2**		78	130	05/10/2023	DLC

APPROVED BY

Rob Greer
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
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ALS Environmental
8620 Holly Drive, Suite 100
Everett, WA 98208
Phone (425) 356-2600
Fax (425) 356-2626
http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2305007 4

Date 5/9/23 Page 1 Of 1

PROJECT ID:	Sunset Commons
REPORT TO COMPANY:	Whatcom Env. Svcs.
PROJECT MANAGER:	Thom- Aimee- Harold
ADDRESS:	228 E. Champion #101
	Bellingham, WA 98225
PHONE:	(360) 752-9571 P.O. #: —
E-MAIL:	tdavis@whatcom-es.com
INVOICE TO COMPANY:	
ATTENTION:	Same
ADDRESS:	

SAMPLE I.D.	DATE	TIME	TYPE	LAB#
1. B27 Resample	5/9/23	1110A	Soil	1
2. B27A E&S Resample	5/9/23	1155A	Soil	2
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

ANALYSIS REQUESTED

NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021	BTEX by EPA 8260	MTBE by EPA 8021	MTBE by EPA 8260	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082	Pesticides by EPA 8081	Metals-MTCA-5	RCRA-8	Pri Pol	TAL	Metals Other (Specify)	TCLP-Metals	VOA	Semi-Vol	Pest	Herbs

OTHER (Specify)

HVOCs-TCLP (incl MEK)							NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
X							1	
X							1	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: [signature] WES 5/9/2023 3:30pm
   Received By: [signature] ALS 5/9/2023 3:30pm
2. Relinquished By: _____
   Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: 10 Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: 5 Standard | 3 | 1 | 2 | SAME DAY

OTHER:
Specify: ASAP please

*Turnaround request less than standard may incur Rush Charges

Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

May 15, 2023

Thom Davis
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23E039

Enclosed are the results of analyses for samples received by our laboratory on 5/8/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

L23E039 EXE0051

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Page 2 of 21

Client: Whatcom Environmental
Address: 228 E. Champion # 101
City: Bellingham, State: WA Zip: 98225
Phone: 360-752-9571 Fax:
Client Project # Sunset Commons

Date: 5/8/23 Page: 1 of 1
Project Manager: Thom Davis
Project Name: Sunset Commons
Location: City, State: Bellingham, WA
Collector: Thom D Date of Collection: 5/8/23
Email:

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	HVOCs (8260)		Field Notes
1	SS-1 14.5ft	14.5	930A	Soil														X		
2	SS-4 12.5ft	12.5	945A															X		
3	SS-3 13ft	13.0	940A															X		
4	SS-2 13ft	13.0	935A															X		
5	SS-5 12.5ft	12.5	950A															X		
6	CO-3 5-9ft	5-9ft	855A															X		
7	CO-4 5-9.5ft	5-9ft	9AM															X		
8	CO-5 0-5ft	0-5ft	1245															X		
9	CO-6 0-5ft		1300															X		
10	CO-7 0-5ft		1310															X		
11	CO-8 0-5ft		1315															X		
12	~~CO-9 0-5ft~~		~~1320~~																	
13	SS-7 13ft	13ft	1440	Soil														X		
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
Thom Davis	5/8/23 @ 1330		5/9/23 1513
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

ML

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellingham, WA **Work Order:** L23E039 **Reported:** 05/15/2023 14:49

Notes and Definitions

Item	Definition
S	Spike recovery indicates a possible matrix effect.
S1	Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23E039-01	SS-1 14.5ft	Soil	05/08/2023	05/08/2023
L23E039-02	SS-4 12.5ft	Soil	05/08/2023	05/08/2023
L23E039-03	SS-3 13ft	Soil	05/08/2023	05/08/2023
L23E039-04	SS-2 13ft	Soil	05/08/2023	05/08/2023
L23E039-05	SS-5 12.5ft	Soil	05/08/2023	05/08/2023
L23E039-06	CO-3 5-9ft	Soil	05/08/2023	05/08/2023
L23E039-07	CO-4 5-9ft	Soil	05/08/2023	05/08/2023
L23E039-08	CO-5 0-5ft	Soil	05/08/2023	05/08/2023
L23E039-09	CO-6 0-5ft	Soil	05/08/2023	05/08/2023
L23E039-10	CO-7 0-5ft	Soil	05/08/2023	05/08/2023
L23E039-11	CO-8 0-5ft	Soil	05/08/2023	05/08/2023
L23E039-12	SS-7 13ft	Soil	05/08/2023	05/08/2023

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety.

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellingham, WA **Work Order:** L23E039 **Reported:** 05/15/2023 14:49

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-5 12.5ft**			Lab#: L23E039-05		
Trichloroethene	0.063		mg/kg dry	0.018	8260D
Sample: **SS-7 13ft**			Lab#: L23E039-12		
Trichloroethene	0.019		mg/kg dry	0.017	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E039
Reported: 05/15/2023 14:49

Sample Results

Client Sample ID: SS-1 14.5ft

Lab ID: L23E039-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.055	mg/kg dry	05/08/2023	PB
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry	05/08/2023	PB
Chloroethane	ND		0.055	mg/kg dry	05/08/2023	PB
1,1-Dichloroethene	ND		0.046	mg/kg dry	05/08/2023	PB
trans-1,2-Dichloroethene	ND		0.028	mg/kg dry	05/08/2023	PB
1,1-Dichloroethane	ND		0.028	mg/kg dry	05/08/2023	PB
2,2-Dichloropropane	ND		0.046	mg/kg dry	05/08/2023	PB
cis-1,2-Dichloroethene	ND		0.028	mg/kg dry	05/08/2023	PB
Chloroform	ND		0.028	mg/kg dry	05/08/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.028	mg/kg dry	05/08/2023	PB
Carbon tetrachloride	ND		0.028	mg/kg dry	05/08/2023	PB
1,1-Dichloropropene	ND		0.028	mg/kg dry	05/08/2023	PB
1,2-Dichloroethane (EDC)	ND		0.028	mg/kg dry	05/08/2023	PB
Trichloroethene (SIM)	ND		0.018	mg/kg dry	05/08/2023	PB
1,2-Dichloropropane	ND		0.028	mg/kg dry	05/08/2023	PB
cis-1,3-Dichloropropene	ND		0.028	mg/kg dry	05/08/2023	PB
Trans-1,3-Dichloropropene	ND		0.028	mg/kg dry	05/08/2023	PB
1,1,2-Trichloroethane	ND		0.028	mg/kg dry	05/08/2023	PB
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry	05/08/2023	PB
2-Chlorotoluene	ND		0.037	mg/kg dry	05/08/2023	PB
4-Chlorotoluene	ND		0.037	mg/kg dry	05/08/2023	PB
1,3-Dichlorobenzene	ND		0.037	mg/kg dry	05/08/2023	PB
1,4-Dichlorobenzene	ND		0.037	mg/kg dry	05/08/2023	PB
1,2-Dichlorobenzene	ND		0.037	mg/kg dry	05/08/2023	PB
Surrogate: Dibromofluoromethane	*116%*		*27-188*		*05/08/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*98.9%*		*17-212*		*05/08/2023*	*PB*
Surrogate: Toluene-d8	*100%*		*41-142*		*05/08/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*113%*		*47-167*		*05/08/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	22		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E039
Reported: 05/15/2023 14:49

Sample Results (Continued)

Client Sample ID: SS-4 12.5ft

Lab ID: L23E039-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	05/08/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/08/2023	PB
Chloroethane	ND		0.049	mg/kg dry	05/08/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	05/08/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/08/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/08/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	05/08/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/08/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/08/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/08/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/08/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/08/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/08/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	05/08/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/08/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/08/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/08/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/08/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/08/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	05/08/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	05/08/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	05/08/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	05/08/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	05/08/2023	PB
Surrogate: Dibromofluoromethane	*122%*		*27-188*		*05/08/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*102%*		*17-212*		*05/08/2023*	*PB*
Surrogate: Toluene-d8	*92.3%*		*41-142*		*05/08/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*112%*		*47-167*		*05/08/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E039
Reported: 05/15/2023 14:49

Sample Results (Continued)

Client Sample ID: SS-3 13ft

Lab ID: L23E039-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	05/08/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/08/2023	PB
Chloroethane	ND		0.051	mg/kg dry	05/08/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	05/08/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/08/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	05/08/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	05/08/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/08/2023	PB
Chloroform	ND		0.025	mg/kg dry	05/08/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	05/08/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	05/08/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	05/08/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	05/08/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	05/08/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	05/08/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/08/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/08/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	05/08/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/08/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	05/08/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	05/08/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	05/08/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	05/08/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	05/08/2023	PB
Surrogate: Dibromofluoromethane	*124%*		*27-188*		*05/08/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*107%*		*17-212*		*05/08/2023*	*PB*
Surrogate: Toluene-d8	*94.0%*		*41-142*		*05/08/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*110%*		*47-167*		*05/08/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	05/12/2023	SG

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety.

Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E039
Reported: 05/15/2023 14:49

Sample Results (Continued)

Client Sample ID: SS-2 13ft

Lab ID: L23E039-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.054	mg/kg dry	05/08/2023	PB
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry	05/08/2023	PB
Chloroethane	ND		0.054	mg/kg dry	05/08/2023	PB
1,1-Dichloroethene	ND		0.045	mg/kg dry	05/08/2023	PB
trans-1,2-Dichloroethene	ND		0.027	mg/kg dry	05/08/2023	PB
1,1-Dichloroethane	ND		0.027	mg/kg dry	05/08/2023	PB
2,2-Dichloropropane	ND		0.045	mg/kg dry	05/08/2023	PB
cis-1,2-Dichloroethene	ND		0.027	mg/kg dry	05/08/2023	PB
Chloroform	ND		0.027	mg/kg dry	05/08/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.027	mg/kg dry	05/08/2023	PB
Carbon tetrachloride	ND		0.027	mg/kg dry	05/08/2023	PB
1,1-Dichloropropene	ND		0.027	mg/kg dry	05/08/2023	PB
1,2-Dichloroethane (EDC)	ND		0.027	mg/kg dry	05/08/2023	PB
Trichloroethene (SIM)	ND		0.018	mg/kg dry	05/08/2023	PB
1,2-Dichloropropane	ND		0.027	mg/kg dry	05/08/2023	PB
cis-1,3-Dichloropropene	ND		0.027	mg/kg dry	05/08/2023	PB
Trans-1,3-Dichloropropene	ND		0.027	mg/kg dry	05/08/2023	PB
1,1,2-Trichloroethane	ND		0.027	mg/kg dry	05/08/2023	PB
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry	05/08/2023	PB
2-Chlorotoluene	ND		0.036	mg/kg dry	05/08/2023	PB
4-Chlorotoluene	ND		0.036	mg/kg dry	05/08/2023	PB
1,3-Dichlorobenzene	ND		0.036	mg/kg dry	05/08/2023	PB
1,4-Dichlorobenzene	ND		0.036	mg/kg dry	05/08/2023	PB
1,2-Dichlorobenzene	ND		0.036	mg/kg dry	05/08/2023	PB
Surrogate: Dibromofluoromethane	*119%*		*27-188*		*05/08/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*98.7%*		*17-212*		*05/08/2023*	*PB*
Surrogate: Toluene-d8	*89.2%*		*41-142*		*05/08/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*106%*		*47-167*		*05/08/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	22		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E039
Reported: 05/15/2023 14:49

Sample Results (Continued)

Client Sample ID: SS-5 12.5ft

Lab ID: L23E039-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.054	mg/kg dry	05/08/2023	PB
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry	05/08/2023	PB
Chloroethane	ND		0.054	mg/kg dry	05/08/2023	PB
1,1-Dichloroethene	ND		0.045	mg/kg dry	05/08/2023	PB
trans-1,2-Dichloroethene	ND		0.027	mg/kg dry	05/08/2023	PB
1,1-Dichloroethane	ND		0.027	mg/kg dry	05/08/2023	PB
2,2-Dichloropropane	ND		0.045	mg/kg dry	05/08/2023	PB
cis-1,2-Dichloroethene	ND		0.027	mg/kg dry	05/08/2023	PB
Chloroform	ND		0.027	mg/kg dry	05/08/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.027	mg/kg dry	05/08/2023	PB
Carbon tetrachloride	ND		0.027	mg/kg dry	05/08/2023	PB
1,1-Dichloropropene	ND		0.027	mg/kg dry	05/08/2023	PB
1,2-Dichloroethane (EDC)	ND		0.027	mg/kg dry	05/08/2023	PB
Trichloroethene (SIM)	0.063		0.018	mg/kg dry	05/08/2023	PB
1,2-Dichloropropane	ND		0.027	mg/kg dry	05/08/2023	PB
cis-1,3-Dichloropropene	ND		0.027	mg/kg dry	05/08/2023	PB
Trans-1,3-Dichloropropene	ND		0.027	mg/kg dry	05/08/2023	PB
1,1,2-Trichloroethane	ND		0.027	mg/kg dry	05/08/2023	PB
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry	05/08/2023	PB
2-Chlorotoluene	ND		0.036	mg/kg dry	05/08/2023	PB
4-Chlorotoluene	ND		0.036	mg/kg dry	05/08/2023	PB
1,3-Dichlorobenzene	ND		0.036	mg/kg dry	05/08/2023	PB
1,4-Dichlorobenzene	ND		0.036	mg/kg dry	05/08/2023	PB
1,2-Dichlorobenzene	ND		0.036	mg/kg dry	05/08/2023	PB
Surrogate: Dibromofluoromethane	*129%*		*27-188*		*05/08/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*110%*		*17-212*		*05/08/2023*	*PB*
Surrogate: Toluene-d8	*95.4%*		*41-142*		*05/08/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*106%*		*47-167*		*05/08/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	21		0.50	%	05/12/2023	SG

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Sample Results (Continued)

Client Sample ID: CO-3 5-9ft

Lab ID: L23E039-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.056	mg/kg dry	05/08/2023	PB
Vinyl Chloride (SIM)	ND		0.019	mg/kg dry	05/08/2023	PB
Chloroethane	ND		0.056	mg/kg dry	05/08/2023	PB
1,1-Dichloroethene	ND		0.047	mg/kg dry	05/08/2023	PB
trans-1,2-Dichloroethene	ND		0.028	mg/kg dry	05/08/2023	PB
1,1-Dichloroethane	ND		0.028	mg/kg dry	05/08/2023	PB
2,2-Dichloropropane	ND		0.047	mg/kg dry	05/08/2023	PB
cis-1,2-Dichloroethene	ND		0.028	mg/kg dry	05/08/2023	PB
Chloroform	ND		0.028	mg/kg dry	05/08/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.028	mg/kg dry	05/08/2023	PB
Carbon tetrachloride	ND		0.028	mg/kg dry	05/08/2023	PB
1,1-Dichloropropene	ND		0.028	mg/kg dry	05/08/2023	PB
1,2-Dichloroethane (EDC)	ND		0.028	mg/kg dry	05/08/2023	PB
Trichloroethene (SIM)	ND		0.019	mg/kg dry	05/08/2023	PB
1,2-Dichloropropane	ND		0.028	mg/kg dry	05/08/2023	PB
cis-1,3-Dichloropropene	ND		0.028	mg/kg dry	05/08/2023	PB
Trans-1,3-Dichloropropene	ND		0.028	mg/kg dry	05/08/2023	PB
1,1,2-Trichloroethane	ND		0.028	mg/kg dry	05/08/2023	PB
Tetrachloroethene (SIM)	ND		0.019	mg/kg dry	05/08/2023	PB
2-Chlorotoluene	ND		0.037	mg/kg dry	05/08/2023	PB
4-Chlorotoluene	ND		0.037	mg/kg dry	05/08/2023	PB
1,3-Dichlorobenzene	ND		0.037	mg/kg dry	05/08/2023	PB
1,4-Dichlorobenzene	ND		0.037	mg/kg dry	05/08/2023	PB
1,2-Dichlorobenzene	ND		0.037	mg/kg dry	05/08/2023	PB
Surrogate: Dibromofluoromethane	*133%*		*27-188*		*05/08/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*119%*		*17-212*		*05/08/2023*	*PB*
Surrogate: Toluene-d8	*113%*		*41-142*		*05/08/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*109%*		*47-167*		*05/08/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	22		0.50	%	05/12/2023	SG

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Sample Results (Continued)

Client Sample ID: CO-4 5-9ft

Lab ID: L23E039-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	05/08/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/08/2023	PB
Chloroethane	ND		0.051	mg/kg dry	05/08/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	05/08/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/08/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	05/08/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	05/08/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/08/2023	PB
Chloroform	ND		0.025	mg/kg dry	05/08/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	05/08/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	05/08/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	05/08/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	05/08/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	05/08/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	05/08/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/08/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/08/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	05/08/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/08/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	05/08/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	05/08/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	05/08/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	05/08/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	05/08/2023	PB
Surrogate: Dibromofluoromethane	*128%*		*27-188*		*05/08/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*114%*		*17-212*		*05/08/2023*	*PB*
Surrogate: Toluene-d8	*96.8%*		*41-142*		*05/08/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*103%*		*47-167*		*05/08/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	05/12/2023	SG

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Sample Results (Continued)

Client Sample ID: CO-5 0-5ft

Lab ID: L23E039-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.037	mg/kg dry	05/08/2023	PB
Vinyl Chloride (SIM)	ND		0.012	mg/kg dry	05/08/2023	PB
Chloroethane	ND		0.037	mg/kg dry	05/08/2023	PB
1,1-Dichloroethene	ND		0.031	mg/kg dry	05/08/2023	PB
trans-1,2-Dichloroethene	ND		0.019	mg/kg dry	05/08/2023	PB
1,1-Dichloroethane	ND		0.019	mg/kg dry	05/08/2023	PB
2,2-Dichloropropane	ND		0.031	mg/kg dry	05/08/2023	PB
cis-1,2-Dichloroethene	ND		0.019	mg/kg dry	05/08/2023	PB
Chloroform	ND		0.019	mg/kg dry	05/08/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.019	mg/kg dry	05/08/2023	PB
Carbon tetrachloride	ND		0.019	mg/kg dry	05/08/2023	PB
1,1-Dichloropropene	ND		0.019	mg/kg dry	05/08/2023	PB
1,2-Dichloroethane (EDC)	ND		0.019	mg/kg dry	05/08/2023	PB
Trichloroethene (SIM)	ND		0.012	mg/kg dry	05/08/2023	PB
1,2-Dichloropropane	ND		0.019	mg/kg dry	05/08/2023	PB
cis-1,3-Dichloropropene	ND		0.019	mg/kg dry	05/08/2023	PB
Trans-1,3-Dichloropropene	ND		0.019	mg/kg dry	05/08/2023	PB
1,1,2-Trichloroethane	ND		0.019	mg/kg dry	05/08/2023	PB
Tetrachloroethene (SIM)	ND		0.012	mg/kg dry	05/08/2023	PB
2-Chlorotoluene	ND		0.025	mg/kg dry	05/08/2023	PB
4-Chlorotoluene	ND		0.025	mg/kg dry	05/08/2023	PB
1,3-Dichlorobenzene	ND		0.025	mg/kg dry	05/08/2023	PB
1,4-Dichlorobenzene	ND		0.025	mg/kg dry	05/08/2023	PB
1,2-Dichlorobenzene	ND		0.025	mg/kg dry	05/08/2023	PB
Surrogate: Dibromofluoromethane	*129%*		*27-188*		*05/08/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*117%*		*17-212*		*05/08/2023*	*PB*
Surrogate: Toluene-d8	*95.4%*		*41-142*		*05/08/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*122%*		*47-167*		*05/08/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	6.9		0.50	%	05/12/2023	SG

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Sample Results (Continued)

Client Sample ID: CO-6 0-5ft

Lab ID: L23E039-09 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.038	mg/kg dry	05/08/2023	PB
Vinyl Chloride (SIM)	ND		0.013	mg/kg dry	05/08/2023	PB
Chloroethane	ND		0.038	mg/kg dry	05/08/2023	PB
1,1-Dichloroethene	ND		0.032	mg/kg dry	05/08/2023	PB
trans-1,2-Dichloroethene	ND		0.019	mg/kg dry	05/08/2023	PB
1,1-Dichloroethane	ND		0.019	mg/kg dry	05/08/2023	PB
2,2-Dichloropropane	ND		0.032	mg/kg dry	05/08/2023	PB
cis-1,2-Dichloroethene	ND		0.019	mg/kg dry	05/08/2023	PB
Chloroform	ND		0.019	mg/kg dry	05/08/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.019	mg/kg dry	05/08/2023	PB
Carbon tetrachloride	ND		0.019	mg/kg dry	05/08/2023	PB
1,1-Dichloropropene	ND		0.019	mg/kg dry	05/08/2023	PB
1,2-Dichloroethane (EDC)	ND		0.019	mg/kg dry	05/08/2023	PB
Trichloroethene (SIM)	ND		0.013	mg/kg dry	05/08/2023	PB
1,2-Dichloropropane	ND		0.019	mg/kg dry	05/08/2023	PB
cis-1,3-Dichloropropene	ND		0.019	mg/kg dry	05/08/2023	PB
Trans-1,3-Dichloropropene	ND		0.019	mg/kg dry	05/08/2023	PB
1,1,2-Trichloroethane	ND		0.019	mg/kg dry	05/08/2023	PB
Tetrachloroethene (SIM)	ND		0.013	mg/kg dry	05/08/2023	PB
2-Chlorotoluene	ND		0.025	mg/kg dry	05/08/2023	PB
4-Chlorotoluene	ND		0.025	mg/kg dry	05/08/2023	PB
1,3-Dichlorobenzene	ND		0.025	mg/kg dry	05/08/2023	PB
1,4-Dichlorobenzene	ND		0.025	mg/kg dry	05/08/2023	PB
1,2-Dichlorobenzene	ND		0.025	mg/kg dry	05/08/2023	PB
Surrogate: Dibromofluoromethane	*133%*		*27-188*		*05/08/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*115%*		*17-212*		*05/08/2023*	*PB*
Surrogate: Toluene-d8	*95.8%*		*41-142*		*05/08/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*104%*		*47-167*		*05/08/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	7.9		0.50	%	05/12/2023	SG

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Sample Results (Continued)

Client Sample ID: CO-7 0-5ft

Lab ID: L23E039-10 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.037	mg/kg dry	05/08/2023	PB
Vinyl Chloride (SIM)	ND		0.012	mg/kg dry	05/08/2023	PB
Chloroethane	ND		0.037	mg/kg dry	05/08/2023	PB
1,1-Dichloroethene	ND		0.031	mg/kg dry	05/08/2023	PB
trans-1,2-Dichloroethene	ND		0.018	mg/kg dry	05/08/2023	PB
1,1-Dichloroethane	ND		0.018	mg/kg dry	05/08/2023	PB
2,2-Dichloropropane	ND		0.031	mg/kg dry	05/08/2023	PB
cis-1,2-Dichloroethene	ND		0.018	mg/kg dry	05/08/2023	PB
Chloroform	ND		0.018	mg/kg dry	05/08/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.018	mg/kg dry	05/08/2023	PB
Carbon tetrachloride	ND		0.018	mg/kg dry	05/08/2023	PB
1,1-Dichloropropene	ND		0.018	mg/kg dry	05/08/2023	PB
1,2-Dichloroethane (EDC)	ND		0.018	mg/kg dry	05/08/2023	PB
Trichloroethene (SIM)	ND		0.012	mg/kg dry	05/08/2023	PB
1,2-Dichloropropane	ND		0.018	mg/kg dry	05/08/2023	PB
cis-1,3-Dichloropropene	ND		0.018	mg/kg dry	05/08/2023	PB
Trans-1,3-Dichloropropene	ND		0.018	mg/kg dry	05/08/2023	PB
1,1,2-Trichloroethane	ND		0.018	mg/kg dry	05/08/2023	PB
Tetrachloroethene (SIM)	ND		0.012	mg/kg dry	05/08/2023	PB
2-Chlorotoluene	ND		0.025	mg/kg dry	05/08/2023	PB
4-Chlorotoluene	ND		0.025	mg/kg dry	05/08/2023	PB
1,3-Dichlorobenzene	ND		0.025	mg/kg dry	05/08/2023	PB
1,4-Dichlorobenzene	ND		0.025	mg/kg dry	05/08/2023	PB
1,2-Dichlorobenzene	ND		0.025	mg/kg dry	05/08/2023	PB
Surrogate: Dibromofluoromethane	*142%*		*27-188*		*05/08/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*137%*		*17-212*		*05/08/2023*	*PB*
Surrogate: Toluene-d8	*98.3%*		*41-142*		*05/08/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*108%*		*47-167*		*05/08/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	7.2		0.50	%	05/12/2023	SG

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Sample Results (Continued)

Client Sample ID: CO-8 0-5ft

Lab ID: L23E039-11 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.041	mg/kg dry	05/08/2023	PB
Vinyl Chloride (SIM)	ND		0.014	mg/kg dry	05/08/2023	PB
Chloroethane	ND		0.041	mg/kg dry	05/08/2023	PB
1,1-Dichloroethene	ND		0.034	mg/kg dry	05/08/2023	PB
trans-1,2-Dichloroethene	ND		0.020	mg/kg dry	05/08/2023	PB
1,1-Dichloroethane	ND		0.020	mg/kg dry	05/08/2023	PB
2,2-Dichloropropane	ND		0.034	mg/kg dry	05/08/2023	PB
cis-1,2-Dichloroethene	ND		0.020	mg/kg dry	05/08/2023	PB
Chloroform	ND		0.020	mg/kg dry	05/08/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.020	mg/kg dry	05/08/2023	PB
Carbon tetrachloride	ND		0.020	mg/kg dry	05/08/2023	PB
1,1-Dichloropropene	ND		0.020	mg/kg dry	05/08/2023	PB
1,2-Dichloroethane (EDC)	ND		0.020	mg/kg dry	05/08/2023	PB
Trichloroethene (SIM)	ND		0.014	mg/kg dry	05/08/2023	PB
1,2-Dichloropropane	ND		0.020	mg/kg dry	05/08/2023	PB
cis-1,3-Dichloropropene	ND		0.020	mg/kg dry	05/08/2023	PB
Trans-1,3-Dichloropropene	ND		0.020	mg/kg dry	05/08/2023	PB
1,1,2-Trichloroethane	ND		0.020	mg/kg dry	05/08/2023	PB
Tetrachloroethene (SIM)	ND		0.014	mg/kg dry	05/08/2023	PB
2-Chlorotoluene	ND		0.027	mg/kg dry	05/08/2023	PB
4-Chlorotoluene	ND		0.027	mg/kg dry	05/08/2023	PB
1,3-Dichlorobenzene	ND		0.027	mg/kg dry	05/08/2023	PB
1,4-Dichlorobenzene	ND		0.027	mg/kg dry	05/08/2023	PB
1,2-Dichlorobenzene	ND		0.027	mg/kg dry	05/08/2023	PB
Surrogate: Dibromofluoromethane	*141%*		*27-188*		*05/08/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*127%*		*17-212*		*05/08/2023*	*PB*
Surrogate: Toluene-d8	*97.2%*		*41-142*		*05/08/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*111%*		*47-167*		*05/08/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	10		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E039
Reported: 05/15/2023 14:49

Sample Results (Continued)

Client Sample ID: SS-7 13ft

Lab ID: L23E039-12 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	05/08/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/08/2023	PB
Chloroethane	ND		0.050	mg/kg dry	05/08/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	05/08/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/08/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	05/08/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	05/08/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/08/2023	PB
Chloroform	ND		0.025	mg/kg dry	05/08/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	05/08/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	05/08/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	05/08/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	05/08/2023	PB
Trichloroethene (SIM)	0.019		0.017	mg/kg dry	05/08/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	05/08/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/08/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/08/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	05/08/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/08/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	05/08/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	05/08/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	05/08/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	05/08/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	05/08/2023	PB
Surrogate: Dibromofluoromethane	*143%*		*27-188*		*05/08/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*134%*		*17-212*		*05/08/2023*	*PB*
Surrogate: Toluene-d8	*97.1%*		*41-142*		*05/08/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*103%*	*S1*	*47-167*		*05/08/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	05/12/2023	SG

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Reported: 05/15/2023 14:49

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXE0051 - VOA										
Blank (BXE0051-BLK1)					Prepared & Analyzed: 5/8/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*21.5*	*ug/L*	*20.0*		*108*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*17.6*	*ug/L*	*20.0*		*88.2*	*17-212*		
Surrogate: Toluene-d8			*19.8*	*ug/L*	*20.0*		*99.0*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*19.6*	*ug/L*	*20.0*		*98.0*	*47-167*		
LCS (BXE0051-BS1)					Prepared & Analyzed: 5/8/2023					
Chloromethane	0.217		0.060	mg/kg wet	0.250		86.7	10-229		
Vinyl Chloride (VC)	0.202		0.10	mg/kg wet	0.250		80.7	15-226		
Chloroethane	0.129		0.060	mg/kg wet	0.250		51.6	26-324		
1,1-Dichloroethene	0.210		0.050	mg/kg wet	0.250		84.0	38-193		
trans-1,2-Dichloroethene	0.145		0.030	mg/kg wet	0.250		58.1	53-156		
1,1-Dichloroethane	0.214		0.030	mg/kg wet	0.250		85.6	68-169		
2,2-Dichloropropane	0.266		0.050	mg/kg wet	0.250		107	50-196		
cis-1,2-Dichloroethene	0.206		0.030	mg/kg wet	0.250		82.4	10-219		
Chloroform	0.239		0.030	mg/kg wet	0.250		95.8	47-192		
1,1,1-Trichloroethane (TCA)	0.221		0.030	mg/kg wet	0.250		88.5	67-173		
Carbon tetrachloride	0.207		0.030	mg/kg wet	0.250		83.0	69-170		
1,1-Dichloropropene	0.161		0.030	mg/kg wet	0.250		64.3	61-113		
1,2-Dichloroethane (EDC)	0.204		0.030	mg/kg wet	0.250		81.6	67-138		
Trichloroethene (TCE)	0.194		0.020	mg/kg wet	0.250		77.7	67-121		
1,2-Dichloropropane	0.208		0.030	mg/kg wet	0.250		83.4	51-140		
cis-1,3-Dichloropropene	0.228		0.030	mg/kg wet	0.250		91.1	56-105		
Trans-1,3-Dichloropropene	0.225		0.030	mg/kg wet	0.250		89.9	63-109		
1,1,2-Trichloroethane	0.266		0.030	mg/kg wet	0.250		106	65-152		
Tetrachloroethene (PCE)	0.257		0.10	mg/kg wet	0.250		103	46-159		
2-Chlorotoluene	0.219		0.040	mg/kg wet	0.250		87.4	67-120		

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Project Manager: Thom Davis

City/State: Bellingham, WA
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Reported: 05/15/2023 14:49

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXE0051-BS1)					Prepared & Analyzed: 5/8/2023					
4-Chlorotoluene	0.254		0.040	mg/kg wet	0.250		102	65-116		
1,3-Dichlorobenzene	0.277		0.040	mg/kg wet	0.250		111	75-133		
1,4-Dichlorobenzene	0.253		0.040	mg/kg wet	0.250		101	83-128		
1,2-Dichlorobenzene	0.256		0.040	mg/kg wet	0.250		103	73-129		
Surrogate: Dibromofluoromethane			*20.6*	*ug/L*	*20.0*		*103*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*17.3*	*ug/L*	*20.0*		*86.5*	*17-212*		
Surrogate: Toluene-d8			*16.6*	*ug/L*	*20.0*		*83.2*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*27.1*	*ug/L*	*20.0*		*136*	*47-167*		
Duplicate (BXE0051-DUP1)		**Parent: L23E039-05**			Prepared & Analyzed: 5/8/2023					
Chloromethane	ND		0.054	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry		ND				35
Chloroethane	ND		0.054	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.045	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.027	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.027	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.045	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.027	mg/kg dry		ND				35
Chloroform	ND		0.027	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.027	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.027	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.027	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.027	mg/kg dry		ND				35
Trichloroethene (SIM)	0.0644		0.018	mg/kg dry		0.0631			2.04	35
1,2-Dichloropropane	ND		0.027	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.027	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.027	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.027	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry		0.00282				35
2-Chlorotoluene	ND		0.036	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.036	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.036	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.036	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.036	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*26.9*	*ug/L*	*20.0*		*134*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*23.5*	*ug/L*	*20.0*		*117*	*17-212*		
Surrogate: Toluene-d8			*18.2*	*ug/L*	*20.0*		*91.0*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*21.5*	*ug/L*	*20.0*		*108*	*47-167*		

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Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E039
Reported: 05/15/2023 14:49

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Duplicate (BXE0051-DUP2)		**Parent: L23E039-12**			Prepared & Analyzed: 5/8/2023					
Chloromethane	ND		0.050	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry		ND				35
Chloroethane	ND		0.050	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.042	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.025	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.042	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry		ND				35
Chloroform	ND		0.025	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.025	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.025	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.017	mg/kg dry		0.0185				35
1,2-Dichloropropane	ND		0.025	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.025	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.034	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.034	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.034	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.034	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.034	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*27.9*	*ug/L*	*20.0*		*140*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*24.3*	*ug/L*	*20.0*		*122*	*17-212*		
Surrogate: Toluene-d8			*19.7*	*ug/L*	*20.0*		*98.5*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*19.9*	*ug/L*	*20.0*		*99.4*	*47-167*		
Matrix Spike (BXE0051-MS1)		**Parent: L23E039-05**			Prepared & Analyzed: 5/8/2023					
Chloromethane	0.364		0.054	mg/kg dry	0.224	ND	162	10-226		
Vinyl Chloride (VC)	0.310		0.090	mg/kg dry	0.224	ND	138	10-208		
Chloroethane	0.228		0.054	mg/kg dry	0.224	ND	102	10-245		
1,1-Dichloroethene	0.350		0.045	mg/kg dry	0.224	ND	156	50-187		
trans-1,2-Dichloroethene	0.353		0.027	mg/kg dry	0.224	ND	158	38-175		
1,1-Dichloroethane	0.320		0.027	mg/kg dry	0.224	ND	143	67-164		
2,2-Dichloropropane	0.365	S	0.045	mg/kg dry	0.224	ND	163	75-162		
cis-1,2-Dichloroethene	0.286		0.027	mg/kg dry	0.224	ND	128	33-166		
Chloroform	0.358		0.027	mg/kg dry	0.224	ND	160	18-225		
1,1,1-Trichloroethane (TCA)	0.351		0.027	mg/kg dry	0.224	ND	156	73-162		
Carbon tetrachloride	0.367		0.027	mg/kg dry	0.224	ND	164	70-175		
1,1-Dichloropropene	0.285	S1	0.027	mg/kg dry	0.224	ND	127	55-121		
1,2-Dichloroethane (EDC)	0.379	S1	0.027	mg/kg dry	0.224	ND	169	66-147		
Trichloroethene (TCE)	0.377	S1	0.018	mg/kg dry	0.224	0.0649	139	71-126		
1,2-Dichloropropane	0.291		0.027	mg/kg dry	0.224	ND	130	55-146		
cis-1,3-Dichloropropene	0.371	S1	0.027	mg/kg dry	0.224	ND	165	32-130		
Trans-1,3-Dichloropropene	0.242		0.027	mg/kg dry	0.224	ND	108	51-115		
1,1,2-Trichloroethane	0.275		0.027	mg/kg dry	0.224	ND	123	61-157		
Tetrachloroethene (PCE)	0.258		0.090	mg/kg dry	0.224	ND	115	45-166		
2-Chlorotoluene	0.200		0.036	mg/kg dry	0.224	ND	89.3	53-138		
4-Chlorotoluene	0.216		0.036	mg/kg dry	0.224	ND	96.3	51-132		
1,3-Dichlorobenzene	0.239		0.036	mg/kg dry	0.224	ND	107	68-143		

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Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXE0051-MS1)		**Parent: L23E039-05**			Prepared & Analyzed: 5/8/2023					
1,4-Dichlorobenzene	0.219		0.036	mg/kg dry	0.224	ND	97.9	71-140		
1,2-Dichlorobenzene	0.245		0.036	mg/kg dry	0.224	ND	109	60-138		
Surrogate: Dibromofluoromethane			*27.0*	*ug/L*	*20.0*		*135*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*26.4*	*ug/L*	*20.0*		*132*	*17-212*		
Surrogate: Toluene-d8			*20.4*	*ug/L*	*20.0*		*102*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*25.9*	*ug/L*	*20.0*		*130*	*47-167*		
Matrix Spike Dup (BXE0051-MSD1)		**Parent: L23E039-05**			Prepared & Analyzed: 5/8/2023					
Chloromethane	0.368		0.054	mg/kg dry	0.224	ND	164	10-226	1.18	35
Vinyl Chloride (VC)	0.306		0.090	mg/kg dry	0.224	ND	136	10-208	1.22	35
Chloroethane	0.211		0.054	mg/kg dry	0.224	ND	94.3	10-245	7.35	35
1,1-Dichloroethene	0.334		0.045	mg/kg dry	0.224	ND	149	50-187	4.59	35
trans-1,2-Dichloroethene	0.351		0.027	mg/kg dry	0.224	ND	157	38-175	0.573	35
1,1-Dichloroethane	0.435	S	0.027	mg/kg dry	0.224	ND	194	67-164	30.6	35
2,2-Dichloropropane	0.361		0.045	mg/kg dry	0.224	ND	161	75-162	0.926	35
cis-1,2-Dichloroethene	0.282		0.027	mg/kg dry	0.224	ND	126	33-166	1.29	35
Chloroform	0.351		0.027	mg/kg dry	0.224	ND	157	18-225	1.95	35
1,1,1-Trichloroethane (TCA)	0.352		0.027	mg/kg dry	0.224	ND	157	73-162	0.446	35
Carbon tetrachloride	0.365		0.027	mg/kg dry	0.224	ND	163	70-175	0.588	35
1,1-Dichloropropene	0.282	S1	0.027	mg/kg dry	0.224	ND	126	55-121	1.38	35
1,2-Dichloroethane (EDC)	0.346	S1	0.027	mg/kg dry	0.224	ND	154	66-147	9.34	35
Trichloroethene (TCE)	0.369	S1	0.018	mg/kg dry	0.224	0.0649	136	71-126	2.24	35
1,2-Dichloropropane	0.292		0.027	mg/kg dry	0.224	ND	130	55-146	0.154	35
cis-1,3-Dichloropropene	0.336	S	0.027	mg/kg dry	0.224	ND	150	32-130	9.88	35
Trans-1,3-Dichloropropene	0.249		0.027	mg/kg dry	0.224	ND	111	51-115	2.80	35
1,1,2-Trichloroethane	0.266		0.027	mg/kg dry	0.224	ND	119	61-157	3.27	35
Tetrachloroethene (PCE)	0.328		0.090	mg/kg dry	0.224	ND	146	45-166	24.0	35
2-Chlorotoluene	0.223		0.036	mg/kg dry	0.224	ND	99.6	53-138	10.9	35
4-Chlorotoluene	0.240		0.036	mg/kg dry	0.224	ND	107	51-132	10.6	35
1,3-Dichlorobenzene	0.255		0.036	mg/kg dry	0.224	ND	114	68-143	6.49	35
1,4-Dichlorobenzene	0.230		0.036	mg/kg dry	0.224	ND	103	71-140	4.79	35
1,2-Dichlorobenzene	0.273		0.036	mg/kg dry	0.224	ND	122	60-138	11.0	35
Surrogate: Dibromofluoromethane			*26.5*	*ug/L*	*20.0*		*132*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*24.2*	*ug/L*	*20.0*		*121*	*17-212*		
Surrogate: Toluene-d8			*19.7*	*ug/L*	*20.0*		*98.4*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*29.7*	*ug/L*	*20.0*		*149*	*47-167*		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
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Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellingham, WA **Work Order:** L23E039 **Reported:** 05/15/2023 14:49

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXE0074 - Gen Chem										
LCS (BXE0074-BS1)					Prepared & Analyzed: 5/12/2023					
Moisture	18			%	17.0		103	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

May 14, 2023

Thom Davis
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23E044

Enclosed are the results of analyses for samples received by our laboratory on 5/9/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

Libby Environmental, Inc. L23E044 BXE0056

Chain of Custody Record

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

www.LibbyEnvironmental.com

Page 2 of 17

Date: 5-9-23 Page: 1 of 1

Client: Whatcom Environmental
Address:
City: State: Zip:
Phone: Fax:
Client Project # Sunset Commons

Project Manager: Thom Davis
Project Name: Sunset Commons
Location: City, State: Bellingham, WA
Collector: Thom D. Date of Collection: 5/8-9/23
Email:

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	HVOC		Field Notes
D1	1 CO-9 Ø-5ft	Ø-5'	1320	Soil	1 Jar, 2 Voas												X			collected 5/8
	2 SS-6 8ft	8ft	1430	Soil	" "												X			collected 5/8
	3 CO-10 Ø-5ft	Ø-5'	950	Soil													X			collected 5/9
D2	4 CO-11 Ø-5ft	Ø-5'	955	Soil													X			
	5 B-27 Resample	13.5-14'	1110A	Soil													X			
	6 B-27 Resample	14-15ft	1155A	Soil													X			
	~~7 B-27W Resample~~	~~12.5-13'~~	~~1255A~~	~~Soil~~																Hold 1 week 6 day
	8 SS-8 9ft	9ft	1440	Soil													X			
	9 SS-9 8ft	8ft	1500	Soil													X			
	10																			
	11																			
	12																			
	13																			
	14																			
	15																			
	16																			
	17																			

Relinquished by:	Date / Time	Received by:	Date / Time
	5/9/23 1515		5/9/23 1515
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellingham, WA **Work Order:** L23E044 **Reported:** 05/14/2023 10:40

Notes and Definitions

Item	Definition
E	Reported value is above the calibration range and should be considered an estimate.
R	High Relative Percent Difference observed.
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
S4	Outlying surrogate recovery(ies) observed.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23E044-01	CO-9 0-5ft	Soil	05/08/2023	05/09/2023
L23E044-02	SS-6 8ft	Soil	05/08/2023	05/09/2023
L23E044-03	CO-10 0-5 ft	Soil	05/09/2023	05/09/2023
L23E044-04	CO-11 0-5 ft	Soil	05/09/2023	05/09/2023
L23E044-05	B-27 Resample	Soil	05/09/2023	05/09/2023
L23E044-06	B-27E Resample	Soil	05/09/2023	05/09/2023
L23E044-07	SS-8 9 ft	Soil	05/09/2023	05/09/2023
L23E044-08	SS-9 8 ft	Soil	05/09/2023	05/09/2023

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No duplication of this report is allowed, except in its entirety.

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellingham, WA **Work Order:** L23E044 **Reported:** 05/14/2023 10:40

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **CO-9 0-5ft**			Lab#: L23E044-01		
1,1,1-Trichloroethane (TCA)	0.031		mg/kg dry	0.026	8260D
Trichloroethene	0.033		mg/kg dry	0.017	8260D
Sample: **SS-6 8ft**			Lab#: L23E044-02		
Trichloroethene	0.019		mg/kg dry	0.017	8260D
Sample: **B-27 Resample**			Lab#: L23E044-05		
1,1-Dichloroethene	0.058		mg/kg dry	0.041	8260D
1,1-Dichloroethane	0.029		mg/kg dry	0.025	8260D
Trichloroethene (TCE)	17	E	mg/kg dry	0.016	8260D
Sample: **B-27E Resample**			Lab#: L23E044-06		
1,1-Dichloroethene	0.057		mg/kg dry	0.041	8260D
Trichloroethene (TCE)	14	E	mg/kg dry	0.016	8260D
Sample: **SS-8 9 ft**			Lab#: L23E044-07		
Trichloroethene (TCE)	0.096		mg/kg dry	0.017	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E044
Reported: 05/14/2023 10:40

Sample Results

Client Sample ID: CO-9 0-5ft

Lab ID: L23E044-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.052	mg/kg dry	05/09/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/09/2023	PB
Chloroethane	ND		0.052	mg/kg dry	05/09/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	05/09/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/09/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	05/09/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	05/09/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/09/2023	PB
Chloroform	ND		0.026	mg/kg dry	05/09/2023	PB
1,1,1-Trichloroethane (TCA)	0.031		0.026	mg/kg dry	05/09/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	05/09/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	05/09/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	05/09/2023	PB
Trichloroethene (SIM)	0.033		0.017	mg/kg dry	05/09/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	05/09/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/09/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/09/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	05/09/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/09/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	05/09/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	05/09/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	05/09/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	05/09/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	05/09/2023	PB
Surrogate: Dibromofluoromethane	*149%*		*27-188*		*05/09/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*130%*		*17-212*		*05/09/2023*	*PB*
Surrogate: Toluene-d8	*96.0%*		*41-142*		*05/09/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*107%*		*47-167*		*05/09/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E044
Reported: 05/14/2023 10:40

Sample Results (Continued)

Client Sample ID: SS-6 8ft

Lab ID: L23E044-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	05/09/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/09/2023	PB
Chloroethane	ND		0.050	mg/kg dry	05/09/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	05/09/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/09/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	05/09/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	05/09/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/09/2023	PB
Chloroform	ND		0.025	mg/kg dry	05/09/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	05/09/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	05/09/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	05/09/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	05/09/2023	PB
Trichloroethene (SIM)	0.019		0.017	mg/kg dry	05/09/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	05/09/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/09/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/09/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	05/09/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/09/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	05/09/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	05/09/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	05/09/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	05/09/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	05/09/2023	PB
Surrogate: Dibromofluoromethane	*155%*		*27-188*		*05/09/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*138%*		*17-212*		*05/09/2023*	*PB*
Surrogate: Toluene-d8	*106%*		*41-142*		*05/09/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*167%*	*S4*	*47-167*		*05/09/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E044
Reported: 05/14/2023 10:40

Sample Results (Continued)

Client Sample ID: CO-10 0-5 ft

Lab ID: L23E044-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.053	mg/kg dry	05/09/2023	PB
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry	05/09/2023	PB
Chloroethane	ND		0.053	mg/kg dry	05/09/2023	PB
1,1-Dichloroethene	ND		0.044	mg/kg dry	05/09/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/09/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	05/09/2023	PB
2,2-Dichloropropane	ND		0.044	mg/kg dry	05/09/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/09/2023	PB
Chloroform	ND		0.026	mg/kg dry	05/09/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	05/09/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	05/09/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	05/09/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	05/09/2023	PB
Trichloroethene (SIM)	ND		0.018	mg/kg dry	05/09/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	05/09/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/09/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/09/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	05/09/2023	PB
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry	05/09/2023	PB
2-Chlorotoluene	ND		0.035	mg/kg dry	05/09/2023	PB
4-Chlorotoluene	ND		0.035	mg/kg dry	05/09/2023	PB
1,3-Dichlorobenzene	ND		0.035	mg/kg dry	05/09/2023	PB
1,4-Dichlorobenzene	ND		0.035	mg/kg dry	05/09/2023	PB
1,2-Dichlorobenzene	ND		0.035	mg/kg dry	05/09/2023	PB
Surrogate: Dibromofluoromethane	*155%*		*27-188*		*05/09/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*129%*		*17-212*		*05/09/2023*	*PB*
Surrogate: Toluene-d8	*90.4%*		*41-142*		*05/09/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*133%*		*47-167*		*05/09/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	20		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E044
Reported: 05/14/2023 10:40

Sample Results (Continued)

Client Sample ID: CO-11 0-5 ft

Lab ID: L23E044-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	05/09/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/09/2023	PB
Chloroethane	ND		0.049	mg/kg dry	05/09/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	05/09/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/09/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/09/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	05/09/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/09/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/09/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/09/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/09/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/09/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/09/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	05/09/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/09/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/09/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/09/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/09/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/09/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	05/09/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	05/09/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	05/09/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	05/09/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	05/09/2023	PB
Surrogate: Dibromofluoromethane	*153%*		*27-188*		*05/09/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*128%*		*17-212*		*05/09/2023*	*PB*
Surrogate: Toluene-d8	*95.6%*		*41-142*		*05/09/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*131%*		*47-167*		*05/09/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E044
Reported: 05/14/2023 10:40

Sample Results (Continued)

Client Sample ID: B-27 Resample

Lab ID: L23E044-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	05/09/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/09/2023	PB
Chloroethane	ND		0.049	mg/kg dry	05/09/2023	PB
1,1-Dichloroethene	0.058		0.041	mg/kg dry	05/09/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/09/2023	PB
1,1-Dichloroethane	0.029		0.025	mg/kg dry	05/09/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	05/09/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/09/2023	PB
Chloroform	ND		0.025	mg/kg dry	05/09/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	05/09/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	05/09/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	05/09/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	05/09/2023	PB
Trichloroethene (TCE)	17	E	0.016	mg/kg dry	05/09/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	05/09/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/09/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/09/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	05/09/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/09/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	05/09/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	05/09/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	05/09/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	05/09/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	05/09/2023	PB
Surrogate: Dibromofluoromethane	*149%*		*27-188*		*05/09/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*124%*		*17-212*		*05/09/2023*	*PB*
Surrogate: Toluene-d8	*97.6%*		*41-142*		*05/09/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*122%*		*47-167*		*05/09/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E044
Reported: 05/14/2023 10:40

Sample Results (Continued)

Client Sample ID: B-27E Resample

Lab ID: L23E044-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	05/09/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/09/2023	PB
Chloroethane	ND		0.049	mg/kg dry	05/09/2023	PB
1,1-Dichloroethene	0.057		0.041	mg/kg dry	05/09/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/09/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/09/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	05/09/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/09/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/09/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/09/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/09/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/09/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/09/2023	PB
Trichloroethene (TCE)	14	E	0.016	mg/kg dry	05/09/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/09/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/09/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/09/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/09/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/09/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	05/09/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	05/09/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	05/09/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	05/09/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	05/09/2023	PB
Surrogate: Dibromofluoromethane	*151%*		*27-188*		*05/09/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*122%*		*17-212*		*05/09/2023*	*PB*
Surrogate: Toluene-d8	*97.8%*		*41-142*		*05/09/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*127%*		*47-167*		*05/09/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	05/12/2023	SG

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Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E044
Reported: 05/14/2023 10:40

Sample Results (Continued)

Client Sample ID: SS-8 9 ft

Lab ID: L23E044-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.052	mg/kg dry	05/09/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/09/2023	PB
Chloroethane	ND		0.052	mg/kg dry	05/09/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	05/09/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/09/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	05/09/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	05/09/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/09/2023	PB
Chloroform	ND		0.026	mg/kg dry	05/09/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	05/09/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	05/09/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	05/09/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	05/09/2023	PB
Trichloroethene (TCE)	0.096		0.017	mg/kg dry	05/09/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	05/09/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/09/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/09/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	05/09/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/09/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	05/09/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	05/09/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	05/09/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	05/09/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	05/09/2023	PB
Surrogate: Dibromofluoromethane	*146%*		*27-188*		*05/09/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*112%*		*17-212*		*05/09/2023*	*PB*
Surrogate: Toluene-d8	*144%*	*S4*	*41-142*		*05/09/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*136%*		*47-167*		*05/09/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	05/12/2023	SG

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Project Manager: Thom Davis

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Work Order: L23E044
Reported: 05/14/2023 10:40

Sample Results (Continued)

Client Sample ID: SS-9 8 ft

Lab ID: L23E044-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.052	mg/kg dry	05/09/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/09/2023	PB
Chloroethane	ND		0.052	mg/kg dry	05/09/2023	PB
1,1-Dichloroethene	ND		0.044	mg/kg dry	05/09/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/09/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	05/09/2023	PB
2,2-Dichloropropane	ND		0.044	mg/kg dry	05/09/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/09/2023	PB
Chloroform	ND		0.026	mg/kg dry	05/09/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	05/09/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	05/09/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	05/09/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	05/09/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	05/09/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	05/09/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/09/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/09/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	05/09/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/09/2023	PB
2-Chlorotoluene	ND		0.035	mg/kg dry	05/09/2023	PB
4-Chlorotoluene	ND		0.035	mg/kg dry	05/09/2023	PB
1,3-Dichlorobenzene	ND		0.035	mg/kg dry	05/09/2023	PB
1,4-Dichlorobenzene	ND		0.035	mg/kg dry	05/09/2023	PB
1,2-Dichlorobenzene	ND		0.035	mg/kg dry	05/09/2023	PB
Surrogate: Dibromofluoromethane	*156%*		*27-188*		*05/09/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*117%*		*17-212*		*05/09/2023*	*PB*
Surrogate: Toluene-d8	*99.2%*		*41-142*		*05/09/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*151%*		*47-167*		*05/09/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	20		0.50	%	05/12/2023	SG

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Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E044
Reported: 05/14/2023 10:40

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXE0056 - VOA										
Blank (BXE0056-BLK1)					Prepared & Analyzed: 5/9/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*31.5*	*ug/L*	*20.0*		*157*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*27.4*	*ug/L*	*20.0*		*137*	*17-212*		
Surrogate: Toluene-d8			*20.5*	*ug/L*	*20.0*		*102*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*23.0*	*ug/L*	*20.0*		*115*	*47-167*		
LCS (BXE0056-BS1)					Prepared & Analyzed: 5/9/2023					
Chloromethane	0.325		0.060	mg/kg wet	0.250		130	10-229		
Vinyl Chloride (VC)	0.310		0.10	mg/kg wet	0.250		124	15-226		
Chloroethane	0.290		0.060	mg/kg wet	0.250		116	26-324		
1,1-Dichloroethene	0.331		0.050	mg/kg wet	0.250		132	38-193		
trans-1,2-Dichloroethene	0.331		0.030	mg/kg wet	0.250		132	53-156		
1,1-Dichloroethane	0.266		0.030	mg/kg wet	0.250		106	68-169		
2,2-Dichloropropane	0.256		0.050	mg/kg wet	0.250		103	50-196		
cis-1,2-Dichloroethene	0.280		0.030	mg/kg wet	0.250		112	10-219		
Chloroform	0.344		0.030	mg/kg wet	0.250		138	47-192		
1,1,1-Trichloroethane (TCA)	0.355		0.030	mg/kg wet	0.250		142	67-173		
Carbon tetrachloride	0.276		0.030	mg/kg wet	0.250		110	69-170		
1,1-Dichloropropene	0.273		0.030	mg/kg wet	0.250		109	61-113		
1,2-Dichloroethane (EDC)	0.338		0.030	mg/kg wet	0.250		135	67-138		
Trichloroethene (TCE)	0.294		0.020	mg/kg wet	0.250		117	67-121		
1,2-Dichloropropane	0.283		0.030	mg/kg wet	0.250		113	51-140		
cis-1,3-Dichloropropene	0.280	S3	0.030	mg/kg wet	0.250		112	56-105		
Trans-1,3-Dichloropropene	0.298	S3	0.030	mg/kg wet	0.250		119	63-109		
1,1,2-Trichloroethane	0.377		0.030	mg/kg wet	0.250		151	65-152		
Tetrachloroethene (PCE)	0.351		0.10	mg/kg wet	0.250		140	46-159		
2-Chlorotoluene	0.189		0.040	mg/kg wet	0.250		75.6	67-120		

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Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E044
Reported: 05/14/2023 10:40

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXE0056-BS1)					Prepared & Analyzed: 5/9/2023					
4-Chlorotoluene	0.225		0.040	mg/kg wet	0.250		89.8	65-116		
1,3-Dichlorobenzene	0.274		0.040	mg/kg wet	0.250		109	75-133		
1,4-Dichlorobenzene	0.261		0.040	mg/kg wet	0.250		104	83-128		
1,2-Dichlorobenzene	0.231		0.040	mg/kg wet	0.250		92.3	73-129		
Surrogate: Dibromofluoromethane			*23.0*	*ug/L*	*20.0*		*115*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*21.1*	*ug/L*	*20.0*		*105*	*17-212*		
Surrogate: Toluene-d8			*13.3*	*ug/L*	*20.0*		*66.6*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*33.1*	*ug/L*	*20.0*		*165*	*47-167*		
Duplicate (BXE0056-DUP1)		**Parent: L23E044-01**			Prepared & Analyzed: 5/9/2023					
Chloromethane	ND		0.051	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry		ND				35
Chloroethane	ND		0.051	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.043	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.026	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.043	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry		ND				35
Chloroform	ND		0.026	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	0.0649	R	0.026	mg/kg dry		0.0312			70.0	35
Carbon tetrachloride	ND		0.026	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.026	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry		ND				35
Trichloroethene (SIM)	0.0488	R	0.017	mg/kg dry		0.0331			38.3	35
1,2-Dichloropropane	ND		0.026	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.026	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.034	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.034	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.034	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.034	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.034	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*29.3*	*ug/L*	*20.0*		*147*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*25.2*	*ug/L*	*20.0*		*126*	*17-212*		
Surrogate: Toluene-d8			*18.6*	*ug/L*	*20.0*		*93.2*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*24.5*	*ug/L*	*20.0*		*123*	*47-167*		

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Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E044
Reported: 05/14/2023 10:40

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXE0056-MS1)		**Parent: L23E044-01**			Prepared & Analyzed: 5/9/2023					
Chloromethane	0.260		0.052	mg/kg dry	0.215	ND	121	10-226		
Vinyl Chloride (SIM)	0.245		0.017	mg/kg dry	0.215	ND	114	10-208		
Chloroethane	0.173		0.052	mg/kg dry	0.215	ND	80.8	10-245		
1,1-Dichloroethene	0.266		0.043	mg/kg dry	0.215	ND	124	50-187		
trans-1,2-Dichloroethene	0.276		0.026	mg/kg dry	0.215	ND	129	38-175		
1,1-Dichloroethane	0.358	S3	0.026	mg/kg dry	0.215	ND	167	67-164		
2,2-Dichloropropane	0.305		0.043	mg/kg dry	0.215	ND	142	75-162		
cis-1,2-Dichloroethene	0.235		0.026	mg/kg dry	0.215	ND	110	33-166		
Chloroform	0.283		0.026	mg/kg dry	0.215	ND	132	18-225		
1,1,1-Trichloroethane (TCA)	0.303		0.026	mg/kg dry	0.215	0.0312	127	73-162		
Carbon tetrachloride	0.290		0.026	mg/kg dry	0.215	ND	135	70-175		
1,1-Dichloropropene	0.210		0.026	mg/kg dry	0.215	ND	97.9	55-121		
1,2-Dichloroethane (EDC)	0.272		0.026	mg/kg dry	0.215	ND	127	66-147		
Trichloroethene (SIM)	0.256		0.017	mg/kg dry	0.215	0.0331	104	71-126		
1,2-Dichloropropane	0.226		0.026	mg/kg dry	0.215	ND	105	55-146		
cis-1,3-Dichloropropene	0.269		0.026	mg/kg dry	0.215	ND	125	32-130		
Trans-1,3-Dichloropropene	0.185		0.026	mg/kg dry	0.215	ND	86.2	51-115		
1,1,2-Trichloroethane	0.226		0.026	mg/kg dry	0.215	ND	105	61-157		
Tetrachloroethene (SIM)	0.192		0.017	mg/kg dry	0.215	0.00438	87.5	45-166		
2-Chlorotoluene	0.194		0.034	mg/kg dry	0.215	ND	90.2	53-138		
4-Chlorotoluene	0.223		0.034	mg/kg dry	0.215	ND	104	51-132		
1,3-Dichlorobenzene	0.229		0.034	mg/kg dry	0.215	ND	107	68-143		
1,4-Dichlorobenzene	0.191		0.034	mg/kg dry	0.215	ND	89.1	71-140		
1,2-Dichlorobenzene	0.220		0.034	mg/kg dry	0.215	ND	102	60-138		
Surrogate: Dibromofluoromethane			*23.1*	*ug/L*	*20.0*		*116*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*20.6*	*ug/L*	*20.0*		*103*	*17-212*		
Surrogate: Toluene-d8			*17.2*	*ug/L*	*20.0*		*86.1*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*26.0*	*ug/L*	*20.0*		*130*	*47-167*		
Matrix Spike Dup (BXE0056-MSD1)		**Parent: L23E044-01**			Prepared & Analyzed: 5/9/2023					
Chloromethane	0.271		0.052	mg/kg dry	0.215	ND	126	10-226	4.32	35
Vinyl Chloride (SIM)	0.257		0.017	mg/kg dry	0.215	ND	120	10-208	4.65	35
Chloroethane	0.134		0.052	mg/kg dry	0.215	ND	62.2	10-245	26.0	35
1,1-Dichloroethene	0.264		0.043	mg/kg dry	0.215	ND	123	50-187	0.567	35
trans-1,2-Dichloroethene	0.263		0.026	mg/kg dry	0.215	ND	123	38-175	4.86	35
1,1-Dichloroethane	0.342		0.026	mg/kg dry	0.215	ND	159	67-164	4.68	35
2,2-Dichloropropane	0.282		0.043	mg/kg dry	0.215	ND	131	75-162	8.13	35
cis-1,2-Dichloroethene	0.239		0.026	mg/kg dry	0.215	ND	111	33-166	1.41	35
Chloroform	0.277		0.026	mg/kg dry	0.215	ND	129	18-225	2.24	35
1,1,1-Trichloroethane (TCA)	0.292		0.026	mg/kg dry	0.215	0.0312	121	73-162	3.90	35
Carbon tetrachloride	0.276		0.026	mg/kg dry	0.215	ND	128	70-175	5.16	35
1,1-Dichloropropene	0.217		0.026	mg/kg dry	0.215	ND	101	55-121	3.00	35
1,2-Dichloroethane (EDC)	0.274		0.026	mg/kg dry	0.215	ND	128	66-147	0.675	35
Trichloroethene (SIM)	0.243		0.017	mg/kg dry	0.215	0.0331	97.8	71-126	5.23	35
1,2-Dichloropropane	0.227		0.026	mg/kg dry	0.215	ND	106	55-146	0.493	35
cis-1,3-Dichloropropene	0.257		0.026	mg/kg dry	0.215	ND	120	32-130	4.53	35
Trans-1,3-Dichloropropene	0.228		0.026	mg/kg dry	0.215	ND	106	51-115	21.0	35
1,1,2-Trichloroethane	0.270		0.026	mg/kg dry	0.215	ND	126	61-157	18.0	35
Tetrachloroethene (SIM)	0.239		0.017	mg/kg dry	0.215	0.00438	109	45-166	21.8	35
2-Chlorotoluene	0.171		0.034	mg/kg dry	0.215	ND	79.8	53-138	12.3	35
4-Chlorotoluene	0.187		0.034	mg/kg dry	0.215	ND	87.3	51-132	17.3	35
1,3-Dichlorobenzene	0.218		0.034	mg/kg dry	0.215	ND	102	68-143	4.80	35

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E044
Reported: 05/14/2023 10:40

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXE0056-MSD1)		**Parent: L23E044-01**			Prepared & Analyzed: 5/9/2023					
1,4-Dichlorobenzene	0.201		0.034	mg/kg dry	0.215	ND	93.8	71-140	5.05	35
1,2-Dichlorobenzene	0.214		0.034	mg/kg dry	0.215	ND	99.7	60-138	2.57	35
Surrogate: Dibromofluoromethane			*22.2*	*ug/L*	*20.0*		*111*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*20.2*	*ug/L*	*20.0*		*101*	*17-212*		
Surrogate: Toluene-d8			*15.4*	*ug/L*	*20.0*		*76.8*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*32.8*	*ug/L*	*20.0*		*164*	*47-167*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E044
Reported: 05/14/2023 10:40

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXE0074 - Gen Chem										
LCS (BXE0074-BS1)					Prepared & Analyzed: 5/12/2023					
Moisture	18			%	17.0		103	90-115		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

May 15, 2023

Thom Davis
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23E047

Enclosed are the results of analyses for samples received by our laboratory on 5/10/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,



Sherry Chilcutt
Senior Chemist

L23E047

Libby Environmental, Inc. BXE0066

Chain of Custody Record

www.LibbyEnvironmental.com

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Client: Whatcom Env. Svcs

Address: 228 E. Champion #101

City: Bham, WA State: WA Zip:

Phone: 360-752-9571 Fax:

Client Project # Sunset Commons

Date: ~~5/9/23~~ 5-10-23 Page: 1 of 1

Project Manager: Thom Davis

Project Name: Sunset Commons

Location: City, State: Bellingham, WA

Collector: Thom Davis Date of Collection: ~~5/9/23~~ 5-10-23

Email: cc Aimee Powell

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	HVOC (8260)		Field Notes
1	SS-10 12ft	12'	810A	Soil														X		
2	SS-11 8ft	8'	920	Soil														X		
3	SS-12 11.5ft	11.5'	925	Soil														X		
4	SS-13 11.0ft	11'	940															X		
5	SS-14 11.5ft	11.5'	945															X		
6	SS-15 8.5ft	8.5'	950															X		
7	SS-16 12.5ft	12.5ft	955															X		
8	SS-17 11.5ft	11.5	10AM															X		
9	SS-18 15ft	15'	1145															X		
10	SS-19 12ft	12'	1150															X		
11	SS-20 12ft	12'	1155															X		
12	SS-21 15ft	15'	1200p															X		
13																				
14																				
15																				
16																				
17																				

Relinquished by: ~~WES~~ Thom Davis @ 5/10/23@1000	Date / Time	Received by: Paul Bak 5/10/23 1833	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

ML

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellingham, WA **Work Order:** L23E047 **Reported:** 05/15/2023 16:03

Notes and Definitions

Item	Definition
R	High Relative Percent Difference observed.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23E047-01	SS-10 12ft	Soil	05/10/2023	05/10/2023
L23E047-02	SS-11 8ft	Soil	05/10/2023	05/10/2023
L23E047-03	SS-12 11.5ft	Soil	05/10/2023	05/10/2023
L23E047-04	SS-13 11.0ft	Soil	05/10/2023	05/10/2023
L23E047-05	SS-14 11.5ft	Soil	05/10/2023	05/10/2023
L23E047-06	SS-15 8.5ft	Soil	05/10/2023	05/10/2023
L23E047-07	SS-16 12.5ft	Soil	05/10/2023	05/10/2023
L23E047-08	SS-17 11.5ft	Soil	05/10/2023	05/10/2023
L23E047-09	SS-18 15ft	Soil	05/10/2023	05/10/2023
L23E047-10	SS-19 12ft	Soil	05/10/2023	05/10/2023
L23E047-11	SS-20 12ft	Soil	05/10/2023	05/10/2023
L23E047-12	SS-21 15ft	Soil	05/10/2023	05/10/2023

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Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellingham, WA **Work Order:** L23E047 **Reported:** 05/15/2023 16:03

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-20 12ft**			Lab#: L23E047-11		
cis-1,2-Dichloroethene	0.056		mg/kg dry	0.024	8260D
Trichloroethene	0.023		mg/kg dry	0.016	8260D
Sample: **SS-21 15ft**			Lab#: L23E047-12		
1,1-Dichloroethene	0.062		mg/kg dry	0.041	8260D
1,1-Dichloroethane	0.077		mg/kg dry	0.024	8260D
1,1,1-Trichloroethane (TCA)	0.10		mg/kg dry	0.024	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E047
Reported: 05/15/2023 16:03

Sample Results

Client Sample ID: SS-10 12ft

Lab ID: L23E047-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	05/10/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
Chloroethane	ND		0.049	mg/kg dry	05/10/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	05/10/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/10/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	05/10/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	05/10/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/10/2023	PB
Chloroform	ND		0.025	mg/kg dry	05/10/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	05/10/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	05/10/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	05/10/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	05/10/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	05/10/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/10/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/10/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	05/10/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	05/10/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	05/10/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	05/10/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	05/10/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	05/10/2023	PB
Surrogate: Dibromofluoromethane	*115%*		*27-188*		*05/10/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*101%*		*17-212*		*05/10/2023*	*PB*
Surrogate: Toluene-d8	*98.8%*		*41-142*		*05/10/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*92.0%*		*47-167*		*05/10/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E047
Reported: 05/15/2023 16:03

Sample Results (Continued)

Client Sample ID: SS-11 8ft

Lab ID: L23E047-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	05/10/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
Chloroethane	ND		0.047	mg/kg dry	05/10/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	05/10/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/10/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/10/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	05/10/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/10/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/10/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/10/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/10/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/10/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/10/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/10/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/10/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/10/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/10/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	05/10/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	05/10/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	05/10/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	05/10/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	05/10/2023	PB
Surrogate: Dibromofluoromethane	*114%*		*27-188*		*05/10/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*94.8%*		*17-212*		*05/10/2023*	*PB*
Surrogate: Toluene-d8	*92.8%*		*41-142*		*05/10/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*80.0%*		*47-167*		*05/10/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E047
Reported: 05/15/2023 16:03

Sample Results (Continued)

Client Sample ID: SS-12 11.5ft

Lab ID: L23E047-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.046	mg/kg dry	05/10/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	05/10/2023	PB
Chloroethane	ND		0.046	mg/kg dry	05/10/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	05/10/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/10/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	05/10/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	05/10/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/10/2023	PB
Chloroform	ND		0.023	mg/kg dry	05/10/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	05/10/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	05/10/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	05/10/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	05/10/2023	PB
Trichloroethene (SIM)	ND		0.015	mg/kg dry	05/10/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	05/10/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/10/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/10/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	05/10/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	05/10/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	05/10/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	05/10/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	05/10/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	05/10/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	05/10/2023	PB
Surrogate: Dibromofluoromethane	*125%*		*27-188*		*05/10/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*115%*		*17-212*		*05/10/2023*	*PB*
Surrogate: Toluene-d8	*107%*		*41-142*		*05/10/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*155%*		*47-167*		*05/10/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	15		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E047
Reported: 05/15/2023 16:03

Sample Results (Continued)

Client Sample ID: SS-13 11.0ft

Lab ID: L23E047-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.057	mg/kg dry	05/10/2023	PB
Vinyl Chloride (SIM)	ND		0.019	mg/kg dry	05/10/2023	PB
Chloroethane	ND		0.057	mg/kg dry	05/10/2023	PB
1,1-Dichloroethene	ND		0.048	mg/kg dry	05/10/2023	PB
trans-1,2-Dichloroethene	ND		0.029	mg/kg dry	05/10/2023	PB
1,1-Dichloroethane	ND		0.029	mg/kg dry	05/10/2023	PB
2,2-Dichloropropane	ND		0.048	mg/kg dry	05/10/2023	PB
cis-1,2-Dichloroethene	ND		0.029	mg/kg dry	05/10/2023	PB
Chloroform	ND		0.029	mg/kg dry	05/10/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.029	mg/kg dry	05/10/2023	PB
Carbon tetrachloride	ND		0.029	mg/kg dry	05/10/2023	PB
1,1-Dichloropropene	ND		0.029	mg/kg dry	05/10/2023	PB
1,2-Dichloroethane (EDC)	ND		0.029	mg/kg dry	05/10/2023	PB
Trichloroethene (SIM)	ND		0.019	mg/kg dry	05/10/2023	PB
1,2-Dichloropropane	ND		0.029	mg/kg dry	05/10/2023	PB
cis-1,3-Dichloropropene	ND		0.029	mg/kg dry	05/10/2023	PB
Trans-1,3-Dichloropropene	ND		0.029	mg/kg dry	05/10/2023	PB
1,1,2-Trichloroethane	ND		0.029	mg/kg dry	05/10/2023	PB
Tetrachloroethene (SIM)	ND		0.019	mg/kg dry	05/10/2023	PB
2-Chlorotoluene	ND		0.038	mg/kg dry	05/10/2023	PB
4-Chlorotoluene	ND		0.038	mg/kg dry	05/10/2023	PB
1,3-Dichlorobenzene	ND		0.038	mg/kg dry	05/10/2023	PB
1,4-Dichlorobenzene	ND		0.038	mg/kg dry	05/10/2023	PB
1,2-Dichlorobenzene	ND		0.038	mg/kg dry	05/10/2023	PB
Surrogate: Dibromofluoromethane	*118%*		*27-188*		*05/10/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*105%*		*17-212*		*05/10/2023*	*PB*
Surrogate: Toluene-d8	*99.1%*		*41-142*		*05/10/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*134%*		*47-167*		*05/10/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	23		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E047
Reported: 05/15/2023 16:03

Sample Results (Continued)

Client Sample ID: SS-14 11.5ft

Lab ID: L23E047-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.052	mg/kg dry	05/10/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/10/2023	PB
Chloroethane	ND		0.052	mg/kg dry	05/10/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	05/10/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/10/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	05/10/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	05/10/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/10/2023	PB
Chloroform	ND		0.026	mg/kg dry	05/10/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	05/10/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	05/10/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	05/10/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	05/10/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	05/10/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	05/10/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/10/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/10/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	05/10/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/10/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	05/10/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	05/10/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	05/10/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	05/10/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	05/10/2023	PB
Surrogate: Dibromofluoromethane	*110%*		*27-188*		*05/10/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*103%*		*17-212*		*05/10/2023*	*PB*
Surrogate: Toluene-d8	*95.4%*		*41-142*		*05/10/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*113%*		*47-167*		*05/10/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	05/12/2023	SG

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Project Manager: Thom Davis

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Reported: 05/15/2023 16:03

Sample Results (Continued)

Client Sample ID: SS-15 8.5ft

Lab ID: L23E047-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.043	mg/kg dry	05/10/2023	PB
Vinyl Chloride (SIM)	ND		0.014	mg/kg dry	05/10/2023	PB
Chloroethane	ND		0.043	mg/kg dry	05/10/2023	PB
1,1-Dichloroethene	ND		0.036	mg/kg dry	05/10/2023	PB
trans-1,2-Dichloroethene	ND		0.022	mg/kg dry	05/10/2023	PB
1,1-Dichloroethane	ND		0.022	mg/kg dry	05/10/2023	PB
2,2-Dichloropropane	ND		0.036	mg/kg dry	05/10/2023	PB
cis-1,2-Dichloroethene	ND		0.022	mg/kg dry	05/10/2023	PB
Chloroform	ND		0.022	mg/kg dry	05/10/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.022	mg/kg dry	05/10/2023	PB
Carbon tetrachloride	ND		0.022	mg/kg dry	05/10/2023	PB
1,1-Dichloropropene	ND		0.022	mg/kg dry	05/10/2023	PB
1,2-Dichloroethane (EDC)	ND		0.022	mg/kg dry	05/10/2023	PB
Trichloroethene (SIM)	ND		0.014	mg/kg dry	05/10/2023	PB
1,2-Dichloropropane	ND		0.022	mg/kg dry	05/10/2023	PB
cis-1,3-Dichloropropene	ND		0.022	mg/kg dry	05/10/2023	PB
Trans-1,3-Dichloropropene	ND		0.022	mg/kg dry	05/10/2023	PB
1,1,2-Trichloroethane	ND		0.022	mg/kg dry	05/10/2023	PB
Tetrachloroethene (SIM)	ND		0.014	mg/kg dry	05/10/2023	PB
2-Chlorotoluene	ND		0.029	mg/kg dry	05/10/2023	PB
4-Chlorotoluene	ND		0.029	mg/kg dry	05/10/2023	PB
1,3-Dichlorobenzene	ND		0.029	mg/kg dry	05/10/2023	PB
1,4-Dichlorobenzene	ND		0.029	mg/kg dry	05/10/2023	PB
1,2-Dichlorobenzene	ND		0.029	mg/kg dry	05/10/2023	PB
Surrogate: Dibromofluoromethane	*112%*		*27-188*		*05/10/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*108%*		*17-212*		*05/10/2023*	*PB*
Surrogate: Toluene-d8	*93.2%*		*41-142*		*05/10/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*86.6%*		*47-167*		*05/10/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	13		0.50	%	05/12/2023	SG

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Reported: 05/15/2023 16:03

Sample Results (Continued)

Client Sample ID: SS-16 12.5ft

Lab ID: L23E047-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	05/10/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
Chloroethane	ND		0.048	mg/kg dry	05/10/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	05/10/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/10/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/10/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	05/10/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/10/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/10/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/10/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/10/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/10/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/10/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/10/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/10/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/10/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/10/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	05/10/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	05/10/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	05/10/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	05/10/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	05/10/2023	PB
Surrogate: Dibromofluoromethane	*117%*		*27-188*		*05/10/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*114%*		*17-212*		*05/10/2023*	*PB*
Surrogate: Toluene-d8	*100%*		*41-142*		*05/10/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*94.0%*		*47-167*		*05/10/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	05/12/2023	SG

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Reported: 05/15/2023 16:03

Sample Results (Continued)

Client Sample ID: SS-17 11.5ft

Lab ID: L23E047-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.055	mg/kg dry	05/10/2023	PB
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry	05/10/2023	PB
Chloroethane	ND		0.055	mg/kg dry	05/10/2023	PB
1,1-Dichloroethene	ND		0.046	mg/kg dry	05/10/2023	PB
trans-1,2-Dichloroethene	ND		0.028	mg/kg dry	05/10/2023	PB
1,1-Dichloroethane	ND		0.028	mg/kg dry	05/10/2023	PB
2,2-Dichloropropane	ND		0.046	mg/kg dry	05/10/2023	PB
cis-1,2-Dichloroethene	ND		0.028	mg/kg dry	05/10/2023	PB
Chloroform	ND		0.028	mg/kg dry	05/10/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.028	mg/kg dry	05/10/2023	PB
Carbon tetrachloride	ND		0.028	mg/kg dry	05/10/2023	PB
1,1-Dichloropropene	ND		0.028	mg/kg dry	05/10/2023	PB
1,2-Dichloroethane (EDC)	ND		0.028	mg/kg dry	05/10/2023	PB
Trichloroethene (SIM)	ND		0.018	mg/kg dry	05/10/2023	PB
1,2-Dichloropropane	ND		0.028	mg/kg dry	05/10/2023	PB
cis-1,3-Dichloropropene	ND		0.028	mg/kg dry	05/10/2023	PB
Trans-1,3-Dichloropropene	ND		0.028	mg/kg dry	05/10/2023	PB
1,1,2-Trichloroethane	ND		0.028	mg/kg dry	05/10/2023	PB
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry	05/10/2023	PB
2-Chlorotoluene	ND		0.037	mg/kg dry	05/10/2023	PB
4-Chlorotoluene	ND		0.037	mg/kg dry	05/10/2023	PB
1,3-Dichlorobenzene	ND		0.037	mg/kg dry	05/10/2023	PB
1,4-Dichlorobenzene	ND		0.037	mg/kg dry	05/10/2023	PB
1,2-Dichlorobenzene	ND		0.037	mg/kg dry	05/10/2023	PB
Surrogate: Dibromofluoromethane	*120%*		*27-188*		*05/10/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*119%*		*17-212*		*05/10/2023*	*PB*
Surrogate: Toluene-d8	*105%*		*41-142*		*05/10/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*110%*		*47-167*		*05/10/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	22		0.50	%	05/12/2023	SG

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Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E047
Reported: 05/15/2023 16:03

Sample Results (Continued)

Client Sample ID: SS-18 15ft

Lab ID: L23E047-09 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	05/10/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
Chloroethane	ND		0.049	mg/kg dry	05/10/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	05/10/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/10/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	05/10/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	05/10/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/10/2023	PB
Chloroform	ND		0.025	mg/kg dry	05/10/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	05/10/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	05/10/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	05/10/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	05/10/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	05/10/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/10/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/10/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	05/10/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	05/10/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	05/10/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	05/10/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	05/10/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	05/10/2023	PB
Surrogate: Dibromofluoromethane	*119%*		*27-188*		*05/10/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*114%*		*17-212*		*05/10/2023*	*PB*
Surrogate: Toluene-d8	*92.6%*		*41-142*		*05/10/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*86.8%*		*47-167*		*05/10/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	05/12/2023	SG

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Reported: 05/15/2023 16:03

Sample Results (Continued)

Client Sample ID: SS-19 12ft

Lab ID: L23E047-10 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.046	mg/kg dry	05/10/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	05/10/2023	PB
Chloroethane	ND		0.046	mg/kg dry	05/10/2023	PB
1,1-Dichloroethene	ND		0.038	mg/kg dry	05/10/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/10/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	05/10/2023	PB
2,2-Dichloropropane	ND		0.038	mg/kg dry	05/10/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/10/2023	PB
Chloroform	ND		0.023	mg/kg dry	05/10/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	05/10/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	05/10/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	05/10/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	05/10/2023	PB
Trichloroethene (SIM)	ND		0.015	mg/kg dry	05/10/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	05/10/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/10/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/10/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	05/10/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	05/10/2023	PB
2-Chlorotoluene	ND		0.030	mg/kg dry	05/10/2023	PB
4-Chlorotoluene	ND		0.030	mg/kg dry	05/10/2023	PB
1,3-Dichlorobenzene	ND		0.030	mg/kg dry	05/10/2023	PB
1,4-Dichlorobenzene	ND		0.030	mg/kg dry	05/10/2023	PB
1,2-Dichlorobenzene	ND		0.030	mg/kg dry	05/10/2023	PB
Surrogate: Dibromofluoromethane	*120%*		*27-188*		*05/10/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*120%*		*17-212*		*05/10/2023*	*PB*
Surrogate: Toluene-d8	*96.2%*		*41-142*		*05/10/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*82.2%*		*47-167*		*05/10/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	15		0.50	%	05/12/2023	SG

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Sample Results (Continued)

Client Sample ID: SS-20 12ft

Lab ID: L23E047-11 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	05/10/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
Chloroethane	ND		0.048	mg/kg dry	05/10/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	05/10/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/10/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/10/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	05/10/2023	PB
cis-1,2-Dichloroethene	0.056		0.024	mg/kg dry	05/10/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/10/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/10/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/10/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/10/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/10/2023	PB
Trichloroethene (SIM)	0.023		0.016	mg/kg dry	05/10/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/10/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/10/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/10/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/10/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	05/10/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	05/10/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	05/10/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	05/10/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	05/10/2023	PB
Surrogate: Dibromofluoromethane	*126%*		*27-188*		*05/10/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*131%*		*17-212*		*05/10/2023*	*PB*
Surrogate: Toluene-d8	*98.2%*		*41-142*		*05/10/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*92.7%*		*47-167*		*05/10/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	05/12/2023	SG

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Project Manager: Thom Davis

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Work Order: L23E047
Reported: 05/15/2023 16:03

Sample Results (Continued)

Client Sample ID: SS-21 15ft

Lab ID: L23E047-12 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	05/10/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
Chloroethane	ND		0.049	mg/kg dry	05/10/2023	PB
1,1-Dichloroethene	0.062		0.041	mg/kg dry	05/10/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/10/2023	PB
1,1-Dichloroethane	0.077		0.024	mg/kg dry	05/10/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	05/10/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/10/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/10/2023	PB
1,1,1-Trichloroethane (TCA)	0.10		0.024	mg/kg dry	05/10/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/10/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/10/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/10/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/10/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/10/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/10/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/10/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/10/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	05/10/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	05/10/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	05/10/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	05/10/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	05/10/2023	PB
Surrogate: Dibromofluoromethane	*123%*		*27-188*		*05/10/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*124%*		*17-212*		*05/10/2023*	*PB*
Surrogate: Toluene-d8	*98.0%*		*41-142*		*05/10/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*91.0%*		*47-167*		*05/10/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E047
Reported: 05/15/2023 16:03

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXE0066 - VOA										
Blank (BXE0066-BLK1)					Prepared & Analyzed: 5/10/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*23.5*	*ug/L*	*20.0*		*117*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*21.1*	*ug/L*	*20.0*		*105*	*17-212*		
Surrogate: Toluene-d8			*19.6*	*ug/L*	*20.0*		*97.8*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*18.4*	*ug/L*	*20.0*		*92.2*	*47-167*		
LCS (BXE0066-BS1)					Prepared & Analyzed: 5/10/2023					
Chloromethane	0.239		0.060	mg/kg wet	0.250		95.5	10-229		
Vinyl Chloride (VC)	0.250		0.10	mg/kg wet	0.250		100	15-226		
Chloroethane	0.326		0.060	mg/kg wet	0.250		130	26-324		
1,1-Dichloroethene	0.251		0.050	mg/kg wet	0.250		101	38-193		
trans-1,2-Dichloroethene	0.254		0.030	mg/kg wet	0.250		101	53-156		
1,1-Dichloroethane	0.245		0.030	mg/kg wet	0.250		98.0	68-169		
2,2-Dichloropropane	0.294		0.050	mg/kg wet	0.250		118	50-196		
cis-1,2-Dichloroethene	0.206		0.030	mg/kg wet	0.250		82.6	10-219		
Chloroform	0.275		0.030	mg/kg wet	0.250		110	47-192		
1,1,1-Trichloroethane (TCA)	0.278		0.030	mg/kg wet	0.250		111	67-173		
Carbon tetrachloride	0.295		0.030	mg/kg wet	0.250		118	69-170		
1,1-Dichloropropene	0.197		0.030	mg/kg wet	0.250		78.8	61-113		
1,2-Dichloroethane (EDC)	0.266		0.030	mg/kg wet	0.250		106	67-138		
Trichloroethene (TCE)	0.226		0.020	mg/kg wet	0.250		90.6	67-121		
1,2-Dichloropropane	0.210		0.030	mg/kg wet	0.250		84.0	51-140		
cis-1,3-Dichloropropene	0.228		0.030	mg/kg wet	0.250		91.2	56-105		
Trans-1,3-Dichloropropene	0.211		0.030	mg/kg wet	0.250		84.3	63-109		
1,1,2-Trichloroethane	0.259		0.030	mg/kg wet	0.250		104	65-152		
Tetrachloroethene (PCE)	0.293		0.10	mg/kg wet	0.250		117	46-159		
2-Chlorotoluene	0.190		0.040	mg/kg wet	0.250		76.0	67-120		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E047
Reported: 05/15/2023 16:03

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXE0066-BS1)					Prepared & Analyzed: 5/10/2023					
4-Chlorotoluene	0.208		0.040	mg/kg wet	0.250		83.2	65-116		
1,3-Dichlorobenzene	0.258		0.040	mg/kg wet	0.250		103	75-133		
1,4-Dichlorobenzene	0.212		0.040	mg/kg wet	0.250		84.8	83-128		
1,2-Dichlorobenzene	0.241		0.040	mg/kg wet	0.250		96.3	73-129		
Surrogate: Dibromofluoromethane			*22.7*	*ug/L*	*20.0*		*114*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*21.2*	*ug/L*	*20.0*		*106*	*17-212*		
Surrogate: Toluene-d8			*18.9*	*ug/L*	*20.0*		*94.7*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*26.8*	*ug/L*	*20.0*		*134*	*47-167*		
Duplicate (BXE0066-DUP1)		**Parent: L23E047-01**			Prepared & Analyzed: 5/10/2023					
Chloromethane	ND		0.049	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry		ND				35
Chloroethane	ND		0.049	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.041	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.025	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.041	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry		ND				35
Chloroform	ND		0.025	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.025	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.025	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.025	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.025	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.033	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.033	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.033	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.033	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.033	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*24.6*	*ug/L*	*20.0*		*123*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*22.9*	*ug/L*	*20.0*		*114*	*17-212*		
Surrogate: Toluene-d8			*21.5*	*ug/L*	*20.0*		*107*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*27.5*	*ug/L*	*20.0*		*138*	*47-167*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E047
Reported: 05/15/2023 16:03

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Duplicate (BXE0066-DUP2)		**Parent: L23E047-12**			Prepared & Analyzed: 5/10/2023					
Chloromethane	ND		0.048	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry		ND				35
Chloroethane	ND		0.048	mg/kg dry		ND				35
1,1-Dichloroethene	0.0793		0.040	mg/kg dry		0.0621			24.4	35
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
1,1-Dichloroethane	0.0987		0.024	mg/kg dry		0.0767			25.1	35
2,2-Dichloropropane	ND		0.040	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
Chloroform	ND		0.024	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	0.116		0.024	mg/kg dry		0.103			12.2	35
Carbon tetrachloride	ND		0.024	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry		ND				35
Trichloroethene (SIM)	0.0188		0.016	mg/kg dry		0.0143				35
1,2-Dichloropropane	ND		0.024	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.024	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*24.7*	*ug/L*	*20.0*		*123*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*24.5*	*ug/L*	*20.0*		*122*	*17-212*		
Surrogate: Toluene-d8			*20.0*	*ug/L*	*20.0*		*99.8*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*19.5*	*ug/L*	*20.0*		*97.6*	*47-167*		
Matrix Spike (BXE0066-MS1)		**Parent: L23E047-01**			Prepared & Analyzed: 5/10/2023					
Chloromethane	0.218		0.049	mg/kg dry	0.205	ND	106	10-226		
Vinyl Chloride (VC)	0.198		0.082	mg/kg dry	0.205	ND	96.6	10-208		
Chloroethane	0.156		0.049	mg/kg dry	0.205	0.0112	70.7	10-245		
1,1-Dichloroethene	0.222		0.041	mg/kg dry	0.205	ND	108	50-187		
trans-1,2-Dichloroethene	0.234		0.025	mg/kg dry	0.205	ND	114	38-175		
1,1-Dichloroethane	0.212		0.025	mg/kg dry	0.205	ND	103	67-164		
2,2-Dichloropropane	0.267		0.041	mg/kg dry	0.205	ND	130	75-162		
cis-1,2-Dichloroethene	0.188		0.025	mg/kg dry	0.205	ND	91.7	33-166		
Chloroform	0.254		0.025	mg/kg dry	0.205	ND	124	18-225		
1,1,1-Trichloroethane (TCA)	0.257		0.025	mg/kg dry	0.205	ND	125	73-162		
Carbon tetrachloride	0.260		0.025	mg/kg dry	0.205	ND	126	70-175		
1,1-Dichloropropene	0.175		0.025	mg/kg dry	0.205	ND	85.4	55-121		
1,2-Dichloroethane (EDC)	0.235		0.025	mg/kg dry	0.205	ND	115	66-147		
Trichloroethene (TCE)	0.199		0.016	mg/kg dry	0.205	ND	96.9	71-126		
1,2-Dichloropropane	0.201		0.025	mg/kg dry	0.205	ND	98.0	55-146		
cis-1,3-Dichloropropene	0.229		0.025	mg/kg dry	0.205	ND	112	32-130		
Trans-1,3-Dichloropropene	0.197		0.025	mg/kg dry	0.205	ND	95.9	51-115		
1,1,2-Trichloroethane	0.219		0.025	mg/kg dry	0.205	ND	107	61-157		
Tetrachloroethene (PCE)	0.232		0.082	mg/kg dry	0.205	ND	113	45-166		
2-Chlorotoluene	0.166		0.033	mg/kg dry	0.205	ND	80.7	53-138		
4-Chlorotoluene	0.189		0.033	mg/kg dry	0.205	ND	92.2	51-132		
1,3-Dichlorobenzene	0.218		0.033	mg/kg dry	0.205	ND	106	68-143		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E047
Reported: 05/15/2023 16:03

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXE0066-MS1)		**Parent: L23E047-01**			Prepared & Analyzed: 5/10/2023					
1,4-Dichlorobenzene	0.201		0.033	mg/kg dry	0.205	ND	98.0	71-140		
1,2-Dichlorobenzene	0.213		0.033	mg/kg dry	0.205	ND	104	60-138		
Surrogate: Dibromofluoromethane			*23.7*	*ug/L*	*20.0*		*119*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*23.4*	*ug/L*	*20.0*		*117*	*17-212*		
Surrogate: Toluene-d8			*19.4*	*ug/L*	*20.0*		*96.8*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*24.0*	*ug/L*	*20.0*		*120*	*47-167*		
Matrix Spike Dup (BXE0066-MSD1)		**Parent: L23E047-01**			Prepared & Analyzed: 5/10/2023					
Chloromethane	0.187		0.049	mg/kg dry	0.205	ND	91.3	10-226	15.1	35
Vinyl Chloride (SIM)	0.189		0.016	mg/kg dry	0.205	ND	91.9	10-208	6.39	35
Chloroethane	0.199		0.049	mg/kg dry	0.205	0.0112	91.6	10-245	24.0	35
1,1-Dichloroethene	0.219		0.041	mg/kg dry	0.205	ND	107	50-187	1.79	35
trans-1,2-Dichloroethene	0.213		0.025	mg/kg dry	0.205	ND	104	38-175	9.21	35
1,1-Dichloroethane	0.326	R	0.025	mg/kg dry	0.205	ND	159	67-164	42.6	35
2,2-Dichloropropane	0.275		0.041	mg/kg dry	0.205	ND	134	75-162	2.77	35
cis-1,2-Dichloroethene	0.212		0.025	mg/kg dry	0.205	ND	103	33-166	11.8	35
Chloroform	0.250		0.025	mg/kg dry	0.205	ND	122	18-225	1.50	35
1,1,1-Trichloroethane (TCA)	0.255		0.025	mg/kg dry	0.205	ND	124	73-162	0.913	35
Carbon tetrachloride	0.265		0.025	mg/kg dry	0.205	ND	129	70-175	2.28	35
1,1-Dichloropropene	0.169		0.025	mg/kg dry	0.205	ND	82.4	55-121	3.57	35
1,2-Dichloroethane (EDC)	0.252		0.025	mg/kg dry	0.205	ND	123	66-147	6.74	35
Trichloroethene (TCE)	0.196		0.016	mg/kg dry	0.205	ND	95.5	71-126	1.54	35
1,2-Dichloropropane	0.212		0.025	mg/kg dry	0.205	ND	103	55-146	5.46	35
cis-1,3-Dichloropropene	0.249		0.025	mg/kg dry	0.205	ND	121	32-130	8.12	35
Trans-1,3-Dichloropropene	0.208		0.025	mg/kg dry	0.205	ND	101	51-115	5.42	35
1,1,2-Trichloroethane	0.242		0.025	mg/kg dry	0.205	ND	118	61-157	9.58	35
Tetrachloroethene (SIM)	0.205		0.016	mg/kg dry	0.205	ND	99.7	45-166	2.65	35
2-Chlorotoluene	0.170		0.033	mg/kg dry	0.205	ND	82.8	53-138	2.57	35
4-Chlorotoluene	0.189		0.033	mg/kg dry	0.205	ND	92.2	51-132	0.0217	35
1,3-Dichlorobenzene	0.208		0.033	mg/kg dry	0.205	ND	102	68-143	4.33	35
1,4-Dichlorobenzene	0.210		0.033	mg/kg dry	0.205	ND	102	71-140	4.16	35
1,2-Dichlorobenzene	0.221		0.033	mg/kg dry	0.205	ND	108	60-138	3.31	35
Surrogate: Dibromofluoromethane			*23.8*	*ug/L*	*20.0*		*119*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*24.8*	*ug/L*	*20.0*		*124*	*17-212*		
Surrogate: Toluene-d8			*20.5*	*ug/L*	*20.0*		*102*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*23.5*	*ug/L*	*20.0*		*118*	*47-167*		

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Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellingham, WA **Work Order:** L23E047 **Reported:** 05/15/2023 16:03

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXE0075 - Gen Chem										
LCS (BXE0075-BS1)					Prepared & Analyzed: 5/12/2023					
Moisture	17			%	17.0		102	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

May 15, 2023

Thom Davis
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23E049

Enclosed are the results of analyses for samples received by our laboratory on 5/11/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

Libby Environmental, Inc. L23E049 Chain of Custody Record

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

www.LibbyEnvironmental.co

Date: 5-11-23 Page: 1 of 1

Client: Whatcom Env. Svcs
Address: 228 E Champion
City: B'ham, WA State: Zip: 98225
Phone: 360-752-9571 Fax:
Client Project # Sunset Commons

Project Manager: Thom – Aimee
Project Name: Sunset Commons
Location: 512 E Sunset City, State: B'ham, WA
Collector: Thom Davis Date of Collection: 5/10/23 & 5/11/23
Email: tdavis@whatcom-es.com / Apennell@....

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	HVOC (8260)		Field Notes
*1 SS-22 15ft	15'	1250	Soil														X		Sampled 5/10
*2 SS-23 12ft	12'	1255	"														X		
*3 SS-24 8.5ft	8.5'	1300	"														X		
4 SS-25 8 ft	8'	8AM	Soil														X		Sampled 5/11
5 CO-12 3-5 ft	3-5'	930	"														X		
6 CO-13 3-5 ft	3-5'	935	"														X		
7 SS-26 16 ft	16'	1110	"														X		
8 SS-27 8.5ft	8.5'	1230	"														X		
9 SS-28 16ft	16'	1235	"														X		
10																			
11																			
12																			
13																			
14																			
15																			* collected 5/10/23
16																			
17																			

Relinquished by:	Date / Time	Received by:	Date / Time
Thom Davis		5/11/23	1415
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

ML

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellingham, WA **Work Order:** L23E049 **Reported:** 05/15/2023 16:04

Notes and Definitions

Item	Definition
R1	High Relative Percent Difference observed due to sample inhomogeneity.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23E049-01	SS-22 15ft	Soil	05/10/2023	05/11/2023
L23E049-02	SS-23 12ft	Soil	05/10/2023	05/11/2023
L23E049-03	SS-24 8.5ft	Soil	05/10/2023	05/11/2023
L23E049-04	SS-25 8ft	Soil	05/11/2023	05/11/2023
L23E049-05	CO-12 3-5ft	Soil	05/11/2023	05/11/2023
L23E049-06	CO-13 3-5ft	Soil	05/11/2023	05/11/2023
L23E049-07	SS-26 16ft	Soil	05/11/2023	05/11/2023
L23E049-08	SS-27 8.5ft	Soil	05/11/2023	05/11/2023
L23E049-09	SS-28 16ft	Soil	05/11/2023	05/11/2023

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Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellingham, WA **Work Order:** L23E049 **Reported:** 05/15/2023 16:04

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-22 15ft**			Lab#: L23E049-01		
1,1-Dichloroethane	0.032		mg/kg dry	0.023	8260D
1,1,1-Trichloroethane (TCA)	0.070		mg/kg dry	0.023	8260D
Sample: **SS-23 12ft**			Lab#: L23E049-02		
1,1-Dichloroethene	0.042		mg/kg dry	0.038	8260D
1,1-Dichloroethane	0.034		mg/kg dry	0.023	8260D
1,1,1-Trichloroethane (TCA)	0.080		mg/kg dry	0.023	8260D
Sample: **CO-12 3-5ft**			Lab#: L23E049-05		
Trichloroethene	0.027		mg/kg dry	0.016	8260D
Sample: **CO-13 3-5ft**			Lab#: L23E049-06		
Trichloroethene	0.035		mg/kg dry	0.016	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E049
Reported: 05/15/2023 16:04

Sample Results

Client Sample ID: SS-22 15ft

Lab ID: L23E049-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.046	mg/kg dry	05/11/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	05/11/2023	PB
Chloroethane	ND		0.046	mg/kg dry	05/11/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	05/11/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/11/2023	PB
1,1-Dichloroethane	0.032		0.023	mg/kg dry	05/11/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	05/11/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/11/2023	PB
Chloroform	ND		0.023	mg/kg dry	05/11/2023	PB
1,1,1-Trichloroethane (TCA)	0.070		0.023	mg/kg dry	05/11/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	05/11/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	05/11/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	05/11/2023	PB
Trichloroethene (SIM)	ND		0.015	mg/kg dry	05/11/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	05/11/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/11/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/11/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	05/11/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	05/11/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	05/11/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	05/11/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	05/11/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	05/11/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	05/11/2023	PB
Surrogate: Dibromofluoromethane	*122%*		*27-188*		*05/11/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*114%*		*17-212*		*05/11/2023*	*PB*
Surrogate: Toluene-d8	*98.6%*		*41-142*		*05/11/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*85.2%*		*47-167*		*05/11/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	15		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E049
Reported: 05/15/2023 16:04

Sample Results (Continued)

Client Sample ID: SS-23 12ft

Lab ID: L23E049-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.045	mg/kg dry	05/11/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	05/11/2023	PB
Chloroethane	ND		0.045	mg/kg dry	05/11/2023	PB
1,1-Dichloroethene	0.042		0.038	mg/kg dry	05/11/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/11/2023	PB
1,1-Dichloroethane	0.034		0.023	mg/kg dry	05/11/2023	PB
2,2-Dichloropropane	ND		0.038	mg/kg dry	05/11/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/11/2023	PB
Chloroform	ND		0.023	mg/kg dry	05/11/2023	PB
1,1,1-Trichloroethane (TCA)	0.080		0.023	mg/kg dry	05/11/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	05/11/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	05/11/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	05/11/2023	PB
Trichloroethene (SIM)	ND		0.015	mg/kg dry	05/11/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	05/11/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/11/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/11/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	05/11/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	05/11/2023	PB
2-Chlorotoluene	ND		0.030	mg/kg dry	05/11/2023	PB
4-Chlorotoluene	ND		0.030	mg/kg dry	05/11/2023	PB
1,3-Dichlorobenzene	ND		0.030	mg/kg dry	05/11/2023	PB
1,4-Dichlorobenzene	ND		0.030	mg/kg dry	05/11/2023	PB
1,2-Dichlorobenzene	ND		0.030	mg/kg dry	05/11/2023	PB
Surrogate: Dibromofluoromethane	*126%*		*27-188*		*05/11/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*119%*		*17-212*		*05/11/2023*	*PB*
Surrogate: Toluene-d8	*99.6%*		*41-142*		*05/11/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*89.0%*		*47-167*		*05/11/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	14		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E049
Reported: 05/15/2023 16:04

Sample Results (Continued)

Client Sample ID: SS-24 8.5ft

Lab ID: L23E049-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.063	mg/kg dry	05/11/2023	PB
Vinyl Chloride (SIM)	ND		0.021	mg/kg dry	05/11/2023	PB
Chloroethane	ND		0.063	mg/kg dry	05/11/2023	PB
1,1-Dichloroethene	ND		0.053	mg/kg dry	05/11/2023	PB
trans-1,2-Dichloroethene	ND		0.032	mg/kg dry	05/11/2023	PB
1,1-Dichloroethane	ND		0.032	mg/kg dry	05/11/2023	PB
2,2-Dichloropropane	ND		0.053	mg/kg dry	05/11/2023	PB
cis-1,2-Dichloroethene	ND		0.032	mg/kg dry	05/11/2023	PB
Chloroform	ND		0.032	mg/kg dry	05/11/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.032	mg/kg dry	05/11/2023	PB
Carbon tetrachloride	ND		0.032	mg/kg dry	05/11/2023	PB
1,1-Dichloropropene	ND		0.032	mg/kg dry	05/11/2023	PB
1,2-Dichloroethane (EDC)	ND		0.032	mg/kg dry	05/11/2023	PB
Trichloroethene (SIM)	ND		0.021	mg/kg dry	05/11/2023	PB
1,2-Dichloropropane	ND		0.032	mg/kg dry	05/11/2023	PB
cis-1,3-Dichloropropene	ND		0.032	mg/kg dry	05/11/2023	PB
Trans-1,3-Dichloropropene	ND		0.032	mg/kg dry	05/11/2023	PB
1,1,2-Trichloroethane	ND		0.032	mg/kg dry	05/11/2023	PB
Tetrachloroethene (SIM)	ND		0.021	mg/kg dry	05/11/2023	PB
2-Chlorotoluene	ND		0.042	mg/kg dry	05/11/2023	PB
4-Chlorotoluene	ND		0.042	mg/kg dry	05/11/2023	PB
1,3-Dichlorobenzene	ND		0.042	mg/kg dry	05/11/2023	PB
1,4-Dichlorobenzene	ND		0.042	mg/kg dry	05/11/2023	PB
1,2-Dichlorobenzene	ND		0.042	mg/kg dry	05/11/2023	PB
Surrogate: Dibromofluoromethane	*132%*		*27-188*		*05/11/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*124%*		*17-212*		*05/11/2023*	*PB*
Surrogate: Toluene-d8	*101%*		*41-142*		*05/11/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*112%*		*47-167*		*05/11/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	27		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E049
Reported: 05/15/2023 16:04

Sample Results (Continued)

Client Sample ID: SS-25 8ft

Lab ID: L23E049-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.037	mg/kg dry	05/11/2023	PB
Vinyl Chloride (SIM)	ND		0.012	mg/kg dry	05/11/2023	PB
Chloroethane	ND		0.037	mg/kg dry	05/11/2023	PB
1,1-Dichloroethene	ND		0.031	mg/kg dry	05/11/2023	PB
trans-1,2-Dichloroethene	ND		0.018	mg/kg dry	05/11/2023	PB
1,1-Dichloroethane	ND		0.018	mg/kg dry	05/11/2023	PB
2,2-Dichloropropane	ND		0.031	mg/kg dry	05/11/2023	PB
cis-1,2-Dichloroethene	ND		0.018	mg/kg dry	05/11/2023	PB
Chloroform	ND		0.018	mg/kg dry	05/11/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.018	mg/kg dry	05/11/2023	PB
Carbon tetrachloride	ND		0.018	mg/kg dry	05/11/2023	PB
1,1-Dichloropropene	ND		0.018	mg/kg dry	05/11/2023	PB
1,2-Dichloroethane (EDC)	ND		0.018	mg/kg dry	05/11/2023	PB
Trichloroethene (SIM)	ND		0.012	mg/kg dry	05/11/2023	PB
1,2-Dichloropropane	ND		0.018	mg/kg dry	05/11/2023	PB
cis-1,3-Dichloropropene	ND		0.018	mg/kg dry	05/11/2023	PB
Trans-1,3-Dichloropropene	ND		0.018	mg/kg dry	05/11/2023	PB
1,1,2-Trichloroethane	ND		0.018	mg/kg dry	05/11/2023	PB
Tetrachloroethene (SIM)	ND		0.012	mg/kg dry	05/11/2023	PB
2-Chlorotoluene	ND		0.025	mg/kg dry	05/11/2023	PB
4-Chlorotoluene	ND		0.025	mg/kg dry	05/11/2023	PB
1,3-Dichlorobenzene	ND		0.025	mg/kg dry	05/11/2023	PB
1,4-Dichlorobenzene	ND		0.025	mg/kg dry	05/11/2023	PB
1,2-Dichlorobenzene	ND		0.025	mg/kg dry	05/11/2023	PB
Surrogate: Dibromofluoromethane	*97.0%*		*27-188*		*05/11/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*91.9%*		*17-212*		*05/11/2023*	*PB*
Surrogate: Toluene-d8	*72.6%*		*41-142*		*05/11/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*98.0%*		*47-167*		*05/11/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	7.0		0.50	%	05/12/2023	SG

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228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E049
Reported: 05/15/2023 16:04

Sample Results (Continued)

Client Sample ID: CO-12 3-5ft

Lab ID: L23E049-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	05/11/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/11/2023	PB
Chloroethane	ND		0.048	mg/kg dry	05/11/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	05/11/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/11/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/11/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	05/11/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/11/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/11/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/11/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/11/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/11/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/11/2023	PB
Trichloroethene (SIM)	0.027		0.016	mg/kg dry	05/11/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/11/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/11/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/11/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/11/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/11/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	05/11/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	05/11/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	05/11/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	05/11/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	05/11/2023	PB
Surrogate: Dibromofluoromethane	*120%*		*27-188*		*05/11/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*109%*		*17-212*		*05/11/2023*	*PB*
Surrogate: Toluene-d8	*91.2%*		*41-142*		*05/11/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*90.7%*		*47-167*		*05/11/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E049
Reported: 05/15/2023 16:04

Sample Results (Continued)

Client Sample ID: CO-13 3-5ft

Lab ID: L23E049-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	05/11/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/11/2023	PB
Chloroethane	ND		0.047	mg/kg dry	05/11/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	05/11/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/11/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	05/11/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	05/11/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/11/2023	PB
Chloroform	ND		0.023	mg/kg dry	05/11/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	05/11/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	05/11/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	05/11/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	05/11/2023	PB
Trichloroethene (SIM)	0.035		0.016	mg/kg dry	05/11/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	05/11/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/11/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/11/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	05/11/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/11/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	05/11/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	05/11/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	05/11/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	05/11/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	05/11/2023	PB
Surrogate: Dibromofluoromethane	*115%*		*27-188*		*05/11/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*107%*		*17-212*		*05/11/2023*	*PB*
Surrogate: Toluene-d8	*98.0%*		*41-142*		*05/11/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*85.7%*		*47-167*		*05/11/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	05/12/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E049
Reported: 05/15/2023 16:04

Sample Results (Continued)

Client Sample ID: SS-26 16ft

Lab ID: L23E049-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.045	mg/kg dry	05/11/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	05/11/2023	PB
Chloroethane	ND		0.045	mg/kg dry	05/11/2023	PB
1,1-Dichloroethene	ND		0.038	mg/kg dry	05/11/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/11/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	05/11/2023	PB
2,2-Dichloropropane	ND		0.038	mg/kg dry	05/11/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/11/2023	PB
Chloroform	ND		0.023	mg/kg dry	05/11/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	05/11/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	05/11/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	05/11/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	05/11/2023	PB
Trichloroethene (SIM)	ND		0.015	mg/kg dry	05/11/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	05/11/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/11/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/11/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	05/11/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	05/11/2023	PB
2-Chlorotoluene	ND		0.030	mg/kg dry	05/11/2023	PB
4-Chlorotoluene	ND		0.030	mg/kg dry	05/11/2023	PB
1,3-Dichlorobenzene	ND		0.030	mg/kg dry	05/11/2023	PB
1,4-Dichlorobenzene	ND		0.030	mg/kg dry	05/11/2023	PB
1,2-Dichlorobenzene	ND		0.030	mg/kg dry	05/11/2023	PB
Surrogate: Dibromofluoromethane	*119%*		*27-188*		*05/11/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*107%*		*17-212*		*05/11/2023*	*PB*
Surrogate: Toluene-d8	*96.0%*		*41-142*		*05/11/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*94.9%*		*47-167*		*05/11/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	14		0.50	%	05/12/2023	SG

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Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E049
Reported: 05/15/2023 16:04

Sample Results (Continued)

Client Sample ID: SS-27 8.5ft

Lab ID: L23E049-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	05/11/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/11/2023	PB
Chloroethane	ND		0.048	mg/kg dry	05/11/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	05/11/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/11/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/11/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	05/11/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/11/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/11/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/11/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/11/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/11/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/11/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	05/11/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/11/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/11/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/11/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/11/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/11/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	05/11/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	05/11/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	05/11/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	05/11/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	05/11/2023	PB
Surrogate: Dibromofluoromethane	*128%*		*27-188*		*05/11/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*119%*		*17-212*		*05/11/2023*	*PB*
Surrogate: Toluene-d8	*99.0%*		*41-142*		*05/11/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*90.2%*		*47-167*		*05/11/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	05/12/2023	SG

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Sample Results (Continued)

Client Sample ID: SS-28 16ft

Lab ID: L23E049-09 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	05/11/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/11/2023	PB
Chloroethane	ND		0.051	mg/kg dry	05/11/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	05/11/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/11/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	05/11/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	05/11/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/11/2023	PB
Chloroform	ND		0.025	mg/kg dry	05/11/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	05/11/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	05/11/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	05/11/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	05/11/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	05/11/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	05/11/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/11/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/11/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	05/11/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/11/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	05/11/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	05/11/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	05/11/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	05/11/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	05/11/2023	PB
Surrogate: Dibromofluoromethane	*126%*		*27-188*		*05/11/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*122%*		*17-212*		*05/11/2023*	*PB*
Surrogate: Toluene-d8	*102%*		*41-142*		*05/11/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*90.2%*		*47-167*		*05/11/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	05/12/2023	SG

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Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E049
Reported: 05/15/2023 16:04

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXE0072 - VOA										
Blank (BXE0072-BLK1)					Prepared & Analyzed: 5/11/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*24.5*	*ug/L*	*20.0*		*123*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*23.4*	*ug/L*	*20.0*		*117*	*17-212*		
Surrogate: Toluene-d8			*18.5*	*ug/L*	*20.0*		*92.6*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*18.6*	*ug/L*	*20.0*		*92.8*	*47-167*		
LCS (BXE0072-BS1)					Prepared & Analyzed: 5/11/2023					
Chloromethane	0.203		0.060	mg/kg wet	0.250		81.0	10-229		
Vinyl Chloride (VC)	0.227		0.10	mg/kg wet	0.250		90.8	15-226		
Chloroethane	0.307		0.060	mg/kg wet	0.250		123	26-324		
1,1-Dichloroethene	0.238		0.050	mg/kg wet	0.250		95.1	38-193		
trans-1,2-Dichloroethene	0.226		0.030	mg/kg wet	0.250		90.3	53-156		
1,1-Dichloroethane	0.302		0.030	mg/kg wet	0.250		121	68-169		
2,2-Dichloropropane	0.290		0.050	mg/kg wet	0.250		116	50-196		
cis-1,2-Dichloroethene	0.214		0.030	mg/kg wet	0.250		85.7	10-219		
Chloroform	0.274		0.030	mg/kg wet	0.250		110	47-192		
1,1,1-Trichloroethane (TCA)	0.288		0.030	mg/kg wet	0.250		115	67-173		
Carbon tetrachloride	0.303		0.030	mg/kg wet	0.250		121	69-170		
1,1-Dichloropropene	0.181		0.030	mg/kg wet	0.250		72.3	61-113		
1,2-Dichloroethane (EDC)	0.249		0.030	mg/kg wet	0.250		99.7	67-138		
Trichloroethene (TCE)	0.225		0.020	mg/kg wet	0.250		89.9	67-121		
1,2-Dichloropropane	0.208		0.030	mg/kg wet	0.250		83.1	51-140		
cis-1,3-Dichloropropene	0.222		0.030	mg/kg wet	0.250		88.8	56-105		
Trans-1,3-Dichloropropene	0.222		0.030	mg/kg wet	0.250		88.7	63-109		
1,1,2-Trichloroethane	0.284		0.030	mg/kg wet	0.250		114	65-152		
Tetrachloroethene (PCE)	0.289		0.10	mg/kg wet	0.250		116	46-159		
2-Chlorotoluene	0.170		0.040	mg/kg wet	0.250		68.0	67-120		

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Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E049
Reported: 05/15/2023 16:04

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXE0072-BS1)					Prepared & Analyzed: 5/11/2023					
4-Chlorotoluene	0.187		0.040	mg/kg wet	0.250		74.6	65-116		
1,3-Dichlorobenzene	0.238		0.040	mg/kg wet	0.250		95.2	75-133		
1,4-Dichlorobenzene	0.229		0.040	mg/kg wet	0.250		91.6	83-128		
1,2-Dichlorobenzene	0.228		0.040	mg/kg wet	0.250		91.1	73-129		
Surrogate: Dibromofluoromethane			*22.7*	*ug/L*	*20.0*		*114*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*21.8*	*ug/L*	*20.0*		*109*	*17-212*		
Surrogate: Toluene-d8			*18.7*	*ug/L*	*20.0*		*93.6*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*26.2*	*ug/L*	*20.0*		*131*	*47-167*		
Duplicate (BXE0072-DUP1)		**Parent: L23E049-03**			Prepared & Analyzed: 5/11/2023					
Chloromethane	ND		0.063	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.021	mg/kg dry		ND				35
Chloroethane	ND		0.063	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.053	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.032	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.032	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.053	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.032	mg/kg dry		ND				35
Chloroform	ND		0.032	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.032	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.032	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.032	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.032	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.021	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.032	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.032	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.032	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.032	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.021	mg/kg dry		0.00326				35
2-Chlorotoluene	ND		0.042	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.042	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.042	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.042	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.042	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*23.2*	*ug/L*	*20.0*		*116*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*21.6*	*ug/L*	*20.0*		*108*	*17-212*		
Surrogate: Toluene-d8			*19.3*	*ug/L*	*20.0*		*96.4*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*22.8*	*ug/L*	*20.0*		*114*	*47-167*		

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Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E049
Reported: 05/15/2023 16:04

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Duplicate (BXE0072-DUP2)		**Parent: L23E049-04**			Prepared & Analyzed: 5/11/2023					
Chloromethane	ND		0.037	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.012	mg/kg dry		ND				35
Chloroethane	ND		0.037	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.031	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.018	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.018	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.031	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.018	mg/kg dry		ND				35
Chloroform	ND		0.018	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.018	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.018	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.018	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.018	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.012	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.018	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.018	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.018	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.018	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.012	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.025	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.025	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.025	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.025	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.025	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*23.8*	*ug/L*	*20.0*		*119*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*22.2*	*ug/L*	*20.0*		*111*	*17-212*		
Surrogate: Toluene-d8			*18.9*	*ug/L*	*20.0*		*94.6*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*17.5*	*ug/L*	*20.0*		*87.6*	*47-167*		
Matrix Spike (BXE0072-MS1)		**Parent: L23E049-03**			Prepared & Analyzed: 5/11/2023					
Chloromethane	0.225		0.063	mg/kg dry	0.263	ND	85.4	10-226		
Vinyl Chloride (VC)	0.175		0.11	mg/kg dry	0.263	ND	66.4	10-208		
Chloroethane	0.0730		0.063	mg/kg dry	0.263	ND	27.8	10-245		
1,1-Dichloroethene	0.267		0.053	mg/kg dry	0.263	ND	101	50-187		
trans-1,2-Dichloroethene	0.271		0.032	mg/kg dry	0.263	ND	103	38-175		
1,1-Dichloroethane	0.249		0.032	mg/kg dry	0.263	ND	94.6	67-164		
2,2-Dichloropropane	0.327		0.053	mg/kg dry	0.263	ND	124	75-162		
cis-1,2-Dichloroethene	0.230		0.032	mg/kg dry	0.263	ND	87.4	33-166		
Chloroform	0.301		0.032	mg/kg dry	0.263	ND	115	18-225		
1,1,1-Trichloroethane (TCA)	0.305		0.032	mg/kg dry	0.263	ND	116	73-162		
Carbon tetrachloride	0.315		0.032	mg/kg dry	0.263	ND	120	70-175		
1,1-Dichloropropene	0.211		0.032	mg/kg dry	0.263	ND	80.1	55-121		
1,2-Dichloroethane (EDC)	0.288		0.032	mg/kg dry	0.263	ND	109	66-147		
Trichloroethene (TCE)	0.252		0.021	mg/kg dry	0.263	ND	95.9	71-126		
1,2-Dichloropropane	0.241		0.032	mg/kg dry	0.263	ND	91.8	55-146		
cis-1,3-Dichloropropene	0.272		0.032	mg/kg dry	0.263	ND	103	32-130		
Trans-1,3-Dichloropropene	0.232		0.032	mg/kg dry	0.263	ND	88.1	51-115		
1,1,2-Trichloroethane	0.240		0.032	mg/kg dry	0.263	ND	91.3	61-157		
Tetrachloroethene (PCE)	0.281		0.11	mg/kg dry	0.263	ND	107	45-166		
2-Chlorotoluene	0.229		0.042	mg/kg dry	0.263	ND	87.0	53-138		
4-Chlorotoluene	0.254		0.042	mg/kg dry	0.263	ND	96.8	51-132		
1,3-Dichlorobenzene	0.276		0.042	mg/kg dry	0.263	ND	105	68-143		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E049
Reported: 05/15/2023 16:04

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXE0072-MS1)		**Parent: L23E049-03**			Prepared & Analyzed: 5/11/2023					
1,4-Dichlorobenzene	0.252		0.042	mg/kg dry	0.263	ND	95.8	71-140		
1,2-Dichlorobenzene	0.282		0.042	mg/kg dry	0.263	ND	107	60-138		
Surrogate: Dibromofluoromethane			*22.6*	*ug/L*	*20.0*		*113*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*21.4*	*ug/L*	*20.0*		*107*	*17-212*		
Surrogate: Toluene-d8			*19.6*	*ug/L*	*20.0*		*98.1*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*26.7*	*ug/L*	*20.0*		*133*	*47-167*		
Matrix Spike Dup (BXE0072-MSD1)		**Parent: L23E049-03**			Prepared & Analyzed: 5/11/2023					
Chloromethane	0.225		0.063	mg/kg dry	0.263	ND	85.4	10-226	0.0234	35
Vinyl Chloride (VC)	0.220		0.11	mg/kg dry	0.263	ND	83.9	10-208	23.2	35
Chloroethane	0.223	R1	0.063	mg/kg dry	0.263	ND	84.6	10-245	101	35
1,1-Dichloroethene	0.259		0.053	mg/kg dry	0.263	ND	98.4	50-187	3.04	35
trans-1,2-Dichloroethene	0.268		0.032	mg/kg dry	0.263	ND	102	38-175	1.29	35
1,1-Dichloroethane	0.262		0.032	mg/kg dry	0.263	ND	99.7	67-164	5.21	35
2,2-Dichloropropane	0.326		0.053	mg/kg dry	0.263	ND	124	75-162	0.402	35
cis-1,2-Dichloroethene	0.258		0.032	mg/kg dry	0.263	ND	98.1	33-166	11.5	35
Chloroform	0.305		0.032	mg/kg dry	0.263	ND	116	18-225	1.11	35
1,1,1-Trichloroethane (TCA)	0.307		0.032	mg/kg dry	0.263	ND	117	73-162	0.550	35
Carbon tetrachloride	0.307		0.032	mg/kg dry	0.263	ND	117	70-175	2.66	35
1,1-Dichloropropene	0.218		0.032	mg/kg dry	0.263	ND	82.9	55-121	3.41	35
1,2-Dichloroethane (EDC)	0.293		0.032	mg/kg dry	0.263	ND	111	66-147	1.65	35
Trichloroethene (TCE)	0.252		0.021	mg/kg dry	0.263	ND	95.8	71-126	0.146	35
1,2-Dichloropropane	0.243		0.032	mg/kg dry	0.263	ND	92.3	55-146	0.543	35
cis-1,3-Dichloropropene	0.280		0.032	mg/kg dry	0.263	ND	106	32-130	3.07	35
Trans-1,3-Dichloropropene	0.256		0.032	mg/kg dry	0.263	ND	97.2	51-115	9.80	35
1,1,2-Trichloroethane	0.290		0.032	mg/kg dry	0.263	ND	110	61-157	18.8	35
Tetrachloroethene (PCE)	0.288		0.11	mg/kg dry	0.263	ND	110	45-166	2.53	35
2-Chlorotoluene	0.236		0.042	mg/kg dry	0.263	ND	89.7	53-138	3.08	35
4-Chlorotoluene	0.265		0.042	mg/kg dry	0.263	ND	101	51-132	4.07	35
1,3-Dichlorobenzene	0.283		0.042	mg/kg dry	0.263	ND	108	68-143	2.65	35
1,4-Dichlorobenzene	0.251		0.042	mg/kg dry	0.263	ND	95.4	71-140	0.377	35
1,2-Dichlorobenzene	0.302		0.042	mg/kg dry	0.263	ND	115	60-138	6.87	35
Surrogate: Dibromofluoromethane			*22.0*	*ug/L*	*20.0*		*110*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*22.0*	*ug/L*	*20.0*		*110*	*17-212*		
Surrogate: Toluene-d8			*19.5*	*ug/L*	*20.0*		*97.6*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*27.9*	*ug/L*	*20.0*		*139*	*47-167*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E049
Reported: 05/15/2023 16:04

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXE0075 - Gen Chem										
LCS (BXE0075-BS1)					Prepared & Analyzed: 5/12/2023					
Moisture	17			%	17.0		102	90-115		
LCS (BXE0076-BS1)					Prepared & Analyzed: 5/12/2023					
Moisture	18			%	17.0		106	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

May 22, 2023

Thom Davis
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23E065

Enclosed are the results of analyses for samples received by our laboratory on 5/16/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

Libby Environmental, Inc. L23E065 Chain of Custody Record

www.LibbyEnvironmental.c

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

BXE0099

Client: Whatcom Environmental
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Date: 5/16/23 Page: 1 of 1
Project Manager: Thom Davis
Project Name: Sunset Commons
Location: City, State: Bellingham, WA
Collector: Thom Davis Date of Collection: 5/16/23
Email:

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	HVOC (8260)			Field Notes
1	SS-32 17 ft	17'	104	Soil	1 Jar, 2 Vocs													X			
2	SS-31 13.5 ft	13.5	955															X			
3	SS-30 16 ft	16'	950															X			
D 4	SS-29 8.5 ft	8.5'	920															X			
5	SS-33 18 ft	18'	1115															X			
D MS 6	SS-36 14 ft	14'	1225															X			
7	SS-37 17 ft	17'	1230															X			
8	SS-38 13 ft	13'	1235															X			
9	SS-39 9 ft	9'	1250															X			
10	SS-42 14 ft	14'	1345															X			
11	SS-43 9 ft	9'	1350	↓	↓													X			
12																					
13																					
14																					
15																					
16																					
17																					

Relinquished by:	Date / Time	Received by:	Date / Time
Thom Davis WES	5/16/23@1534	[signature]	5/16/23 1534
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

	Y	N
Good Condition?		
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks: ML

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellingham, WA **Work Order:** L23E065 **Reported:** 05/22/2023 13:58

Notes and Definitions

Item	Definition
A	Due to high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
E	Reported value is above the calibration range and should be considered an estimate.
R	High Relative Percent Difference observed.
S1	Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23E065-01	SS-32 17ft	Soil	05/16/2023	05/16/2023
L23E065-02	SS-31 13.5ft	Soil	05/16/2023	05/16/2023
L23E065-03	SS-30 16ft	Soil	05/16/2023	05/16/2023
L23E065-04	SS-29 8.5ft	Soil	05/16/2023	05/16/2023
L23E065-05	SS-33 18ft	Soil	05/16/2023	05/16/2023
L23E065-06	SS-36 14ft	Soil	05/16/2023	05/16/2023
L23E065-07	SS-37 17ft	Soil	05/16/2023	05/16/2023
L23E065-08	SS-38 13ft	Soil	05/16/2023	05/16/2023
L23E065-09	SS-39 9ft	Soil	05/16/2023	05/16/2023
L23E065-10	SS-42 14ft	Soil	05/16/2023	05/16/2023
L23E065-11	SS-43 9ft	Soil	05/16/2023	05/16/2023

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Libby Environmental, Inc.

Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E065
Reported: 05/22/2023 13:58

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-31 13.5ft**			Lab#: L23E065-02		
1,1-Dichloroethene	0.042		mg/kg dry	0.039	8260D
1,1-Dichloroethane	0.039		mg/kg dry	0.023	8260D
cis-1,2-Dichloroethene	0.13		mg/kg dry	0.023	8260D
1,1,1-Trichloroethane (TCA)	0.047		mg/kg dry	0.023	8260D
Sample: **SS-29 8.5ft**			Lab#: L23E065-04		
Trichloroethene (TCE)	0.20		mg/kg dry	0.016	8260D
Sample: **SS-36 14ft**			Lab#: L23E065-06		
1,1,1-Trichloroethane (TCA)	0.044		mg/kg dry	0.024	8260D
Trichloroethene (TCE)	0.48		mg/kg dry	0.016	8260D
Sample: **SS-37 17ft**			Lab#: L23E065-07		
Trichloroethene	0.049		mg/kg dry	0.016	8260D
Sample: **SS-38 13ft**			Lab#: L23E065-08		
1,1,1-Trichloroethane (TCA)	0.027		mg/kg dry	0.024	8260D
Trichloroethene (TCE)	0.13		mg/kg dry	0.016	8260D
Sample: **SS-39 9ft**			Lab#: L23E065-09		
1,1,1-Trichloroethane (TCA)	0.040		mg/kg dry	0.024	8260D
Trichloroethene (TCE)	0.29		mg/kg dry	0.016	8260D
Sample: **SS-42 14ft**			Lab#: L23E065-10		
1,1-Dichloroethene	0.043		mg/kg dry	0.039	8260D
1,1-Dichloroethane	0.024		mg/kg dry	0.024	8260D
cis-1,2-Dichloroethene	0.084		mg/kg dry	0.024	8260D
Trichloroethene (TCE)	19	E	mg/kg dry	0.016	8260D
Sample: **SS-43 9ft**			Lab#: L23E065-11		
1,1-Dichloroethene	0.042		mg/kg dry	0.038	8260D
1,1-Dichloroethane	0.034		mg/kg dry	0.023	8260D
cis-1,2-Dichloroethene	0.20		mg/kg dry	0.023	8260D
1,1,1-Trichloroethane (TCA)	0.032		mg/kg dry	0.023	8260D
Trichloroethene (TCE)	1.8		mg/kg dry	0.015	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E065
Reported: 05/22/2023 13:58

Sample Results

Client Sample ID: SS-32 17ft

Lab ID: L23E065-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	05/16/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/16/2023	PB
Chloroethane	ND		0.050	mg/kg dry	05/16/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	05/16/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/16/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	05/16/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	05/16/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/16/2023	PB
Chloroform	ND		0.025	mg/kg dry	05/16/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	05/16/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	05/16/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	05/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	05/16/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	05/16/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	05/16/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/16/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	05/16/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/16/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	05/16/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	05/16/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	05/16/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	05/16/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	05/16/2023	PB
Surrogate: Dibromofluoromethane	*128%*		*27-188*		*05/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*114%*		*17-212*		*05/16/2023*	*PB*
Surrogate: Toluene-d8	*97.2%*		*41-142*		*05/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*84.8%*		*47-167*		*05/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	05/19/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E065
Reported: 05/22/2023 13:58

Sample Results (Continued)

Client Sample ID: SS-31 13.5ft

Lab ID: L23E065-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	05/16/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
Chloroethane	ND		0.047	mg/kg dry	05/16/2023	PB
1,1-Dichloroethene	0.042		0.039	mg/kg dry	05/16/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/16/2023	PB
1,1-Dichloroethane	0.039		0.023	mg/kg dry	05/16/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	05/16/2023	PB
cis-1,2-Dichloroethene	0.13		0.023	mg/kg dry	05/16/2023	PB
Chloroform	ND		0.023	mg/kg dry	05/16/2023	PB
1,1,1-Trichloroethane (TCA)	0.047		0.023	mg/kg dry	05/16/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	05/16/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	05/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	05/16/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	05/16/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/16/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	05/16/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	05/16/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	05/16/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	05/16/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	05/16/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	05/16/2023	PB
Surrogate: Dibromofluoromethane	*122%*		*27-188*		*05/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*109%*		*17-212*		*05/16/2023*	*PB*
Surrogate: Toluene-d8	*99.2%*		*41-142*		*05/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*80.1%*		*47-167*		*05/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	05/19/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E065
Reported: 05/22/2023 13:58

Sample Results (Continued)

Client Sample ID: SS-30 16ft

Lab ID: L23E065-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	05/16/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
Chloroethane	ND		0.047	mg/kg dry	05/16/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	05/16/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/16/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/16/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	05/16/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/16/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/16/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/16/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/16/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/16/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/16/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/16/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	05/16/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	05/16/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	05/16/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	05/16/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	05/16/2023	PB
Surrogate: Dibromofluoromethane	*127%*		*27-188*		*05/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*114%*		*17-212*		*05/16/2023*	*PB*
Surrogate: Toluene-d8	*102%*		*41-142*		*05/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*114%*		*47-167*		*05/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	05/19/2023	SG

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Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E065
Reported: 05/22/2023 13:58

Sample Results (Continued)

Client Sample ID: SS-29 8.5ft

Lab ID: L23E065-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	05/16/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
Chloroethane	ND		0.048	mg/kg dry	05/16/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	05/16/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/16/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/16/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	05/16/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/16/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/16/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/16/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/16/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/16/2023	PB
Trichloroethene (TCE)	0.20		0.016	mg/kg dry	05/16/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/16/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/16/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	05/16/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	05/16/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	05/16/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	05/16/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	05/16/2023	PB
Surrogate: Dibromofluoromethane	*128%*		*27-188*		*05/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*117%*		*17-212*		*05/16/2023*	*PB*
Surrogate: Toluene-d8	*99.3%*		*41-142*		*05/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*87.4%*		*47-167*		*05/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	05/19/2023	SG

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Project Manager: Thom Davis

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Reported: 05/22/2023 13:58

Sample Results (Continued)

Client Sample ID: SS-33 18ft

Lab ID: L23E065-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	05/16/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
Chloroethane	ND		0.049	mg/kg dry	05/16/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	05/16/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/16/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/16/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	05/16/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/16/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/16/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/16/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/16/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/16/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/16/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/16/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	05/16/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	05/16/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	05/16/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	05/16/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	05/16/2023	PB
Surrogate: Dibromofluoromethane	*124%*		*27-188*		*05/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*117%*		*17-212*		*05/16/2023*	*PB*
Surrogate: Toluene-d8	*95.8%*		*41-142*		*05/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*86.4%*		*47-167*		*05/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	05/19/2023	SG

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Sample Results (Continued)

Client Sample ID: SS-36 14ft

Lab ID: L23E065-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	05/16/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
Chloroethane	ND		0.048	mg/kg dry	05/16/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	05/16/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/16/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/16/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	05/16/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/16/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/16/2023	PB
1,1,1-Trichloroethane (TCA)	0.044		0.024	mg/kg dry	05/16/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/16/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/16/2023	PB
Trichloroethene (TCE)	0.48		0.016	mg/kg dry	05/16/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/16/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/16/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	05/16/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	05/16/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	05/16/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	05/16/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	05/16/2023	PB
Surrogate: Dibromofluoromethane	*129%*		*27-188*		*05/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*115%*		*17-212*		*05/16/2023*	*PB*
Surrogate: Toluene-d8	*95.4%*		*41-142*		*05/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*89.8%*		*47-167*		*05/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	05/19/2023	SG

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Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E065
Reported: 05/22/2023 13:58

Sample Results (Continued)

Client Sample ID: SS-37 17ft

Lab ID: L23E065-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	05/16/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
Chloroethane	ND		0.049	mg/kg dry	05/16/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	05/16/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/16/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/16/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	05/16/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/16/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/16/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/16/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/16/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/16/2023	PB
Trichloroethene (SIM)	0.049		0.016	mg/kg dry	05/16/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/16/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/16/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	05/16/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	05/16/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	05/16/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	05/16/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	05/16/2023	PB
Surrogate: Dibromofluoromethane	*126%*		*27-188*		*05/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*111%*		*17-212*		*05/16/2023*	*PB*
Surrogate: Toluene-d8	*105%*		*41-142*		*05/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*96.4%*		*47-167*		*05/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	05/19/2023	SG

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Project Manager: Thom Davis

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Work Order: L23E065
Reported: 05/22/2023 13:58

Sample Results (Continued)

Client Sample ID: SS-38 13ft

Lab ID: L23E065-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	05/16/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
Chloroethane	ND		0.048	mg/kg dry	05/16/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	05/16/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/16/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/16/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	05/16/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/16/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/16/2023	PB
1,1,1-Trichloroethane (TCA)	0.027		0.024	mg/kg dry	05/16/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/16/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/16/2023	PB
Trichloroethene (TCE)	0.13		0.016	mg/kg dry	05/16/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/16/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/16/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	05/16/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	05/16/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	05/16/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	05/16/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	05/16/2023	PB
Surrogate: Dibromofluoromethane	*122%*		*27-188*		*05/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*112%*		*17-212*		*05/16/2023*	*PB*
Surrogate: Toluene-d8	*95.2%*		*41-142*		*05/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*109%*		*47-167*		*05/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	05/19/2023	SG

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Project Manager: Thom Davis

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Work Order: L23E065
Reported: 05/22/2023 13:58

Sample Results (Continued)

Client Sample ID: SS-39 9ft

Lab ID: L23E065-09 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	05/16/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
Chloroethane	ND		0.048	mg/kg dry	05/16/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	05/16/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/16/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/16/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	05/16/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/16/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/16/2023	PB
1,1,1-Trichloroethane (TCA)	0.040		0.024	mg/kg dry	05/16/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/16/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/16/2023	PB
Trichloroethene (TCE)	0.29		0.016	mg/kg dry	05/16/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/16/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/16/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	05/16/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	05/16/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	05/16/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	05/16/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	05/16/2023	PB
Surrogate: Dibromofluoromethane	*130%*		*27-188*		*05/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*125%*		*17-212*		*05/16/2023*	*PB*
Surrogate: Toluene-d8	*96.2%*		*41-142*		*05/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*97.5%*		*47-167*		*05/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	05/19/2023	SG

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Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E065
Reported: 05/22/2023 13:58

Sample Results (Continued)

Client Sample ID: SS-42 14ft

Lab ID: L23E065-10 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	05/16/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
Chloroethane	ND		0.047	mg/kg dry	05/16/2023	PB
1,1-Dichloroethene	0.043		0.039	mg/kg dry	05/16/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/16/2023	PB
1,1-Dichloroethane	0.024		0.024	mg/kg dry	05/16/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	05/16/2023	PB
cis-1,2-Dichloroethene	0.084		0.024	mg/kg dry	05/16/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/16/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/16/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/16/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/16/2023	PB
Trichloroethene (TCE)	19	E	0.016	mg/kg dry	05/16/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/16/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/16/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/16/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/16/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	05/16/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	05/16/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	05/16/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	05/16/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	05/16/2023	PB
Surrogate: Dibromofluoromethane	*129%*		*27-188*		*05/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*126%*		*17-212*		*05/16/2023*	*PB*
Surrogate: Toluene-d8	*95.5%*		*41-142*		*05/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*98.8%*		*47-167*		*05/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	05/19/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E065
Reported: 05/22/2023 13:58

Sample Results (Continued)

Client Sample ID: SS-43 9ft

Lab ID: L23E065-11 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.046	mg/kg dry	05/16/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	05/16/2023	PB
Chloroethane	ND		0.046	mg/kg dry	05/16/2023	PB
1,1-Dichloroethene	0.042		0.038	mg/kg dry	05/16/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/16/2023	PB
1,1-Dichloroethane	0.034		0.023	mg/kg dry	05/16/2023	PB
2,2-Dichloropropane	ND		0.038	mg/kg dry	05/16/2023	PB
cis-1,2-Dichloroethene	0.20		0.023	mg/kg dry	05/16/2023	PB
Chloroform	ND		0.023	mg/kg dry	05/16/2023	PB
1,1,1-Trichloroethane (TCA)	0.032		0.023	mg/kg dry	05/16/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	05/16/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	05/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	05/16/2023	PB
Trichloroethene (TCE)	1.8		0.015	mg/kg dry	05/16/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	05/16/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/16/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	05/16/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	05/16/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	05/16/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	05/16/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	05/16/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	05/16/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	05/16/2023	PB
Surrogate: Dibromofluoromethane	*131%*		*27-188*		*05/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*134%*		*17-212*		*05/16/2023*	*PB*
Surrogate: Toluene-d8	*99.4%*		*41-142*		*05/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*99.3%*		*47-167*		*05/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	15		0.50	%	05/19/2023	SG

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Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E065
Reported: 05/22/2023 13:58

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXE0099 - VOA										
Blank (BXE0099-BLK1)					Prepared & Analyzed: 5/16/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*21.4*	*ug/L*	*20.0*		*107*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*19.0*	*ug/L*	*20.0*		*95.0*	*17-212*		
Surrogate: Toluene-d8			*17.8*	*ug/L*	*20.0*		*89.0*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*17.7*	*ug/L*	*20.0*		*88.3*	*47-167*		
LCS (BXE0099-BS1)					Prepared & Analyzed: 5/16/2023					
Chloromethane	0.235		0.060	mg/kg wet	0.250		93.8	10-229		
Vinyl Chloride (SIM)	0.218		0.020	mg/kg wet	0.250		87.1	15-226		
Chloroethane	0.283		0.060	mg/kg wet	0.250		113	26-324		
1,1-Dichloroethene	0.204		0.050	mg/kg wet	0.250		81.8	38-193		
trans-1,2-Dichloroethene	0.213		0.030	mg/kg wet	0.250		85.0	53-156		
1,1-Dichloroethane	0.210		0.030	mg/kg wet	0.250		83.9	68-169		
2,2-Dichloropropane	0.297		0.050	mg/kg wet	0.250		119	50-196		
cis-1,2-Dichloroethene	0.253		0.030	mg/kg wet	0.250		101	10-219		
Chloroform	0.243		0.030	mg/kg wet	0.250		97.2	47-192		
1,1,1-Trichloroethane (TCA)	0.262		0.030	mg/kg wet	0.250		105	67-173		
Carbon tetrachloride	0.274		0.030	mg/kg wet	0.250		110	69-170		
1,1-Dichloropropene	0.255		0.030	mg/kg wet	0.250		102	61-113		
1,2-Dichloroethane (EDC)	0.252		0.030	mg/kg wet	0.250		101	67-138		
Trichloroethene (SIM)	0.264		0.020	mg/kg wet	0.250		105	67-121		
1,2-Dichloropropane	0.241		0.030	mg/kg wet	0.250		96.3	51-140		
cis-1,3-Dichloropropene	0.260		0.030	mg/kg wet	0.250		104	56-105		
Trans-1,3-Dichloropropene	0.265		0.030	mg/kg wet	0.250		106	63-109		
1,1,2-Trichloroethane	0.294		0.030	mg/kg wet	0.250		118	65-152		
Tetrachloroethene (SIM)	0.365		0.020	mg/kg wet	0.250		146	46-159		
2-Chlorotoluene	0.255		0.040	mg/kg wet	0.250		102	67-120		

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228 E. Champion Street, Suite 101
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Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E065
Reported: 05/22/2023 13:58

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXE0099-BS1)					Prepared & Analyzed: 5/16/2023					
4-Chlorotoluene	0.284		0.040	mg/kg wet	0.250		114	65-116		
1,3-Dichlorobenzene	0.276		0.040	mg/kg wet	0.250		111	75-133		
1,4-Dichlorobenzene	0.280		0.040	mg/kg wet	0.250		112	83-128		
1,2-Dichlorobenzene	0.263		0.040	mg/kg wet	0.250		105	73-129		
Surrogate: Dibromofluoromethane			*20.4*	*ug/L*	*20.0*		*102*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*17.5*	*ug/L*	*20.0*		*87.6*	*17-212*		
Surrogate: Toluene-d8			*19.1*	*ug/L*	*20.0*		*95.6*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*25.4*	*ug/L*	*20.0*		*127*	*47-167*		
Duplicate (BXE0099-DUP1)		**Parent: L23E065-04**			Prepared & Analyzed: 5/16/2023					
Chloromethane	ND		0.048	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry		ND				35
Chloroethane	ND		0.048	mg/kg dry		0.0128				35
1,1-Dichloroethene	ND		0.040	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.024	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.040	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
Chloroform	ND		0.024	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.024	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry		ND				35
Trichloroethene (TCE)	0.218		0.016	mg/kg dry		0.204			6.63	35
1,2-Dichloropropane	ND		0.024	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.024	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*25.5*	*ug/L*	*20.0*		*128*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*23.2*	*ug/L*	*20.0*		*116*	*17-212*		
Surrogate: Toluene-d8			*26.2*	*ug/L*	*20.0*		*131*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*21.2*	*ug/L*	*20.0*		*106*	*47-167*		

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Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E065
Reported: 05/22/2023 13:58

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Duplicate (BXE0099-DUP2)		**Parent: L23E065-06**			Prepared & Analyzed: 5/16/2023					
Chloromethane	ND		0.048	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry		ND				35
Chloroethane	ND		0.048	mg/kg dry		ND				35
1,1-Dichloroethene	0.0529		0.040	mg/kg dry		0.0314				35
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.024	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.040	mg/kg dry		ND				35
cis-1,2-Dichloroethene	0.0246		0.024	mg/kg dry		0.0214				35
Chloroform	ND		0.024	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	0.0919	R	0.024	mg/kg dry		0.0439			70.7	35
Carbon tetrachloride	ND		0.024	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry		ND				35
Trichloroethene (TCE)	0.321	R	0.016	mg/kg dry		0.481			40.1	35
1,2-Dichloropropane	ND		0.024	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.024	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*26.1*	*ug/L*	*20.0*		*131*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*25.0*	*ug/L*	*20.0*		*125*	*17-212*		
Surrogate: Toluene-d8			*25.1*	*ug/L*	*20.0*		*125*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*22.2*	*ug/L*	*20.0*		*111*	*47-167*		
Matrix Spike (BXE0099-MS1)		**Parent: L23E065-06**			Prepared & Analyzed: 5/16/2023					
Chloromethane	0.230		0.048	mg/kg dry	0.200	ND	115	10-226		
Vinyl Chloride (SIM)	0.235		0.016	mg/kg dry	0.200	ND	117	10-208		
Chloroethane	0.186		0.048	mg/kg dry	0.200	ND	92.8	10-245		
1,1-Dichloroethene	0.286		0.040	mg/kg dry	0.200	0.0314	127	50-187		
trans-1,2-Dichloroethene	0.256		0.024	mg/kg dry	0.200	ND	128	38-175		
1,1-Dichloroethane	0.367	S1	0.024	mg/kg dry	0.200	0.0100	178	67-164		
2,2-Dichloropropane	0.292		0.040	mg/kg dry	0.200	ND	146	75-162		
cis-1,2-Dichloroethene	0.235		0.024	mg/kg dry	0.200	0.0214	106	33-166		
Chloroform	0.275		0.024	mg/kg dry	0.200	ND	137	18-225		
1,1,1-Trichloroethane (TCA)	0.336		0.024	mg/kg dry	0.200	0.0439	146	73-162		
Carbon tetrachloride	0.291		0.024	mg/kg dry	0.200	ND	145	70-175		
1,1-Dichloropropene	0.232		0.024	mg/kg dry	0.200	ND	116	55-121		
1,2-Dichloroethane (EDC)	0.281		0.024	mg/kg dry	0.200	ND	140	66-147		
Trichloroethene (TCE)	0.656		0.016	mg/kg dry	0.200	0.481	87.1	71-126		
1,2-Dichloropropane	0.284		0.024	mg/kg dry	0.200	ND	142	55-146		
cis-1,3-Dichloropropene	0.404	S1	0.024	mg/kg dry	0.200	ND	201	32-130		
Trans-1,3-Dichloropropene	0.217		0.024	mg/kg dry	0.200	ND	108	51-115		
1,1,2-Trichloroethane	0.377	S1	0.024	mg/kg dry	0.200	ND	188	61-157		
Tetrachloroethene (SIM)	0.197		0.016	mg/kg dry	0.200	ND	98.3	45-166		
2-Chlorotoluene	0.221		0.032	mg/kg dry	0.200	ND	110	53-138		
4-Chlorotoluene	0.267	S1	0.032	mg/kg dry	0.200	ND	133	51-132		
1,3-Dichlorobenzene	0.241		0.032	mg/kg dry	0.200	ND	120	68-143		

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Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E065
Reported: 05/22/2023 13:58

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXE0099-MS1)		**Parent: L23E065-06**			Prepared & Analyzed: 5/16/2023					
1,4-Dichlorobenzene	0.215		0.032	mg/kg dry	0.200	ND	107	71-140		
1,2-Dichlorobenzene	0.263		0.032	mg/kg dry	0.200	ND	131	60-138		
Surrogate: Dibromofluoromethane			*25.0*	*ug/L*	*20.0*		*125*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*26.1*	*ug/L*	*20.0*		*131*	*17-212*		
Surrogate: Toluene-d8			*26.9*	*ug/L*	*20.0*		*135*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*22.9*	*ug/L*	*20.0*		*114*	*47-167*		
Matrix Spike Dup (BXE0099-MSD1)		**Parent: L23E065-06**			Prepared & Analyzed: 5/16/2023					
Chloromethane	0.212		0.048	mg/kg dry	0.200	ND	106	10-226	7.99	35
Vinyl Chloride (SIM)	0.215		0.016	mg/kg dry	0.200	ND	107	10-208	8.66	35
Chloroethane	0.208		0.048	mg/kg dry	0.200	ND	104	10-245	11.3	35
1,1-Dichloroethene	0.268		0.040	mg/kg dry	0.200	0.0314	118	50-187	6.31	35
trans-1,2-Dichloroethene	0.236		0.024	mg/kg dry	0.200	ND	118	38-175	8.09	35
1,1-Dichloroethane	0.337		0.024	mg/kg dry	0.200	0.0100	163	67-164	8.68	35
2,2-Dichloropropane	0.294		0.040	mg/kg dry	0.200	ND	147	75-162	0.876	35
cis-1,2-Dichloroethene	0.274		0.024	mg/kg dry	0.200	0.0214	126	33-166	15.4	35
Chloroform	0.264		0.024	mg/kg dry	0.200	ND	132	18-225	3.98	35
1,1,1-Trichloroethane (TCA)	0.330		0.024	mg/kg dry	0.200	0.0439	143	73-162	1.89	35
Carbon tetrachloride	0.270		0.024	mg/kg dry	0.200	ND	135	70-175	7.43	35
1,1-Dichloropropene	0.212		0.024	mg/kg dry	0.200	ND	106	55-121	9.35	35
1,2-Dichloroethane (EDC)	0.258		0.024	mg/kg dry	0.200	ND	129	66-147	8.37	35
Trichloroethene (TCE)	0.614	A	0.016	mg/kg dry	0.200	0.481	66.2	71-126	6.62	35
1,2-Dichloropropane	0.214		0.024	mg/kg dry	0.200	ND	107	55-146	28.2	35
cis-1,3-Dichloropropene	0.290	S1	0.024	mg/kg dry	0.200	ND	145	32-130	32.9	35
Trans-1,3-Dichloropropene	0.220		0.024	mg/kg dry	0.200	ND	110	51-115	1.16	35
1,1,2-Trichloroethane	0.233	R	0.024	mg/kg dry	0.200	ND	116	61-157	47.1	35
Tetrachloroethene (SIM)	0.217		0.016	mg/kg dry	0.200	ND	108	45-166	9.48	35
2-Chlorotoluene	0.191		0.032	mg/kg dry	0.200	ND	95.4	53-138	14.4	35
4-Chlorotoluene	0.249		0.032	mg/kg dry	0.200	ND	124	51-132	7.21	35
1,3-Dichlorobenzene	0.242		0.032	mg/kg dry	0.200	ND	121	68-143	0.298	35
1,4-Dichlorobenzene	0.222		0.032	mg/kg dry	0.200	ND	111	71-140	2.99	35
1,2-Dichlorobenzene	0.261		0.032	mg/kg dry	0.200	ND	130	60-138	0.994	35
Surrogate: Dibromofluoromethane			*23.4*	*ug/L*	*20.0*		*117*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*23.1*	*ug/L*	*20.0*		*115*	*17-212*		
Surrogate: Toluene-d8			*20.6*	*ug/L*	*20.0*		*103*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*25.2*	*ug/L*	*20.0*		*126*	*47-167*		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E065
Reported: 05/22/2023 13:58

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXE0125 - Gen Chem										
LCS (BXE0125-BS1)					Prepared & Analyzed: 5/19/2023					
Moisture	18			%	17.0		103	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

Phone (360) 352-2110 • libbyenv@gmail.com

June 01, 2023

Thom Davis
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23E069

Enclosed are the results of analyses for samples received by our laboratory on 5/17/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

L23E064
BXE0105

Libby Environmental, Inc. — Chain of Custody Record

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154
www.LibbyEnvironmental.com

Client: Whatcom Env
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Date: 5/17/23 Page: 1 of 1
Project Manager: Thom Davis
Project Name: Sunset Commons
Location: City, State: Bellingham, WA
Collector: Thom Davis Date of Collection: 5/16 - 5/17
Email:

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	HVOC (8260)	TCLP (HVOC)	Field Notes
*1 SS-40 14ft	14'	1255P	Soil	1Jar, 2Voas													X		Collected 5/16
*2 SS-41 9ft	9'	~~1400~~ 1300															X		
*3 SS-44 9ft	9'	1355															X	X	Run TCLP for HVOC
*4 CO-14 0-4ft	0-4ft	750A															X		
*5 CO-15 0-4ft	0-4'	755A															X		
6 SS-45 13ft	13'	950	Soil														X		Collected 5/17
7 SS-46 18ft	18'	955															X		
8 SS-47 14ft	14'	10A															X		
9 SS-48 9ft	9'	1005															X		
10 SS-49 9ft	9'	1330															X		
11 SS-50 9ft	9'	1410															X		
~~12 SS-51 10ft~~	~~10'~~	~~1500~~															X		
13																			
14																			
15																			
16																			*Collected 5/16/23
17																			

Relinquished by: WES Thom Davis Date / Time: 5/17/23 @ 1505
Received by: Date / Time: 5/17/23 1505
Relinquished by: Date / Time
Received by: Date / Time
Relinquished by: Date / Time
Received by: Date / Time

Sample Receipt
Good Condition? Y N
Cooler Temp. °C
Sample Temp. °C
Total Number of Containers

Remarks:

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellngham, WA **Work Order:** L23E069 **Reported:** 06/01/2023 10:45

Notes and Definitions

Item	Definition
E	Reported value is above the calibration range and should be considered an estimate.
R	High Relative Percent Difference observed.
S1	Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23E069-01	SS-40 14ft	Soil	05/16/2023	05/17/2023
L23E069-02	SS-41 9ft	Soil	05/16/2023	05/17/2023
L23E069-03	SS-44 9ft	Soil	05/16/2023	05/17/2023
L23E069-04	CO-14 0-4ft	Soil	05/16/2023	05/17/2023
L23E069-05	CO-15 0-4ft	Soil	05/16/2023	05/17/2023
L23E069-06	SS-45 13ft	Soil	05/17/2023	05/17/2023
L23E069-07	SS-46 18ft	Soil	05/17/2023	05/17/2023
L23E069-08	SS-47 14ft	Soil	05/17/2023	05/17/2023
L23E069-09	SS-48 9ft	Soil	05/17/2023	05/17/2023
L23E069-10	SS-49 9ft	Soil	05/17/2023	05/17/2023
L23E069-11	SS-50 9ft	Soil	05/17/2023	05/17/2023

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Libby Environmental, Inc.

Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E069
Reported: 06/01/2023 10:45

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-40 14ft**			Lab#: L23E069-01		
1,1-Dichloroethene	0.043		mg/kg dry	0.041	8260D
cis-1,2-Dichloroethene	0.030		mg/kg dry	0.024	8260D
1,1,1-Trichloroethane (TCA)	0.060		mg/kg dry	0.024	8260D
Trichloroethene (TCE)	1.1		mg/kg dry	0.016	8260D
Sample: **SS-41 9ft**			Lab#: L23E069-02		
1,1,1-Trichloroethane (TCA)	0.034		mg/kg dry	0.023	8260D
Trichloroethene (TCE)	0.31		mg/kg dry	0.016	8260D
Sample: **SS-44 9ft**			Lab#: L23E069-03		
Vinyl Chloride	0.020		mg/kg dry	0.017	8260D
cis-1,2-Dichloroethene	0.44		mg/kg dry	0.025	8260D
Trichloroethene (TCE)	12	E	mg/kg dry	0.017	8260D
Sample: **CO-14 0-4ft**			Lab#: L23E069-04		
Trichloroethene (TCE)	0.23		mg/kg dry	0.012	8260D
Sample: **CO-15 0-4ft**			Lab#: L23E069-05		
1,1,1-Trichloroethane (TCA)	0.019		mg/kg dry	0.018	8260D
Trichloroethene (TCE)	0.45		mg/kg dry	0.012	8260D
Sample: **SS-45 13ft**			Lab#: L23E069-06		
1,1,1-Trichloroethane (TCA)	0.051		mg/kg dry	0.023	8260D
Trichloroethene	0.017		mg/kg dry	0.015	8260D
Sample: **SS-47 14ft**			Lab#: L23E069-08		
1,1,1-Trichloroethane (TCA)	0.042		mg/kg dry	0.026	8260D
Sample: **SS-48 9ft**			Lab#: L23E069-09		
Trichloroethene	0.032		mg/kg dry	0.015	8260D
Sample: **SS-49 9ft**			Lab#: L23E069-10		
Trichloroethene	0.023		mg/kg dry	0.016	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E069
Reported: 06/01/2023 10:45

Sample Results

Client Sample ID: SS-40 14ft

Lab ID: L23E069-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	05/17/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/17/2023	PB
Chloroethane	ND		0.049	mg/kg dry	05/17/2023	PB
1,1-Dichloroethene	0.043		0.041	mg/kg dry	05/17/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/17/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/17/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	05/17/2023	PB
cis-1,2-Dichloroethene	0.030		0.024	mg/kg dry	05/17/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/17/2023	PB
1,1,1-Trichloroethane (TCA)	0.060		0.024	mg/kg dry	05/17/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/17/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/17/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/17/2023	PB
Trichloroethene (TCE)	1.1		0.016	mg/kg dry	05/17/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/17/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/17/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/17/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/17/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/17/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	05/17/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	05/17/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	05/17/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	05/17/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	05/17/2023	PB
Surrogate: Dibromofluoromethane	*133%*		*27-188*		*05/17/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*116%*		*17-212*		*05/17/2023*	*PB*
Surrogate: Toluene-d8	*97.8%*		*41-142*		*05/17/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*85.4%*		*47-167*		*05/17/2023*	*PB*

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E069
Reported: 06/01/2023 10:45

Sample Results (Continued)

Client Sample ID: SS-41 9ft

Lab ID: L23E069-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	05/17/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/17/2023	PB
Chloroethane	ND		0.047	mg/kg dry	05/17/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	05/17/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/17/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	05/17/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	05/17/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/17/2023	PB
Chloroform	ND		0.023	mg/kg dry	05/17/2023	PB
1,1,1-Trichloroethane (TCA)	0.034		0.023	mg/kg dry	05/17/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	05/17/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	05/17/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	05/17/2023	PB
Trichloroethene (TCE)	0.31		0.016	mg/kg dry	05/17/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	05/17/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/17/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/17/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	05/17/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/17/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	05/17/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	05/17/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	05/17/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	05/17/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	05/17/2023	PB
Surrogate: Dibromofluoromethane	*142%*		*27-188*		*05/17/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*126%*		*17-212*		*05/17/2023*	*PB*
Surrogate: Toluene-d8	*96.2%*		*41-142*		*05/17/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*87.4%*		*47-167*		*05/17/2023*	*PB*

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E069
Reported: 06/01/2023 10:45

Sample Results (Continued)

Client Sample ID: SS-44 9ft

Lab ID: L23E069-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	05/17/2023	PB
Vinyl Chloride (SIM)	0.020		0.017	mg/kg dry	05/17/2023	PB
Chloroethane	ND		0.050	mg/kg dry	05/17/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	05/17/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/17/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	05/17/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	05/17/2023	PB
cis-1,2-Dichloroethene	0.44		0.025	mg/kg dry	05/17/2023	PB
Chloroform	ND		0.025	mg/kg dry	05/17/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	05/17/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	05/17/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	05/17/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	05/17/2023	PB
Trichloroethene (TCE)	12	E	0.017	mg/kg dry	05/17/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	05/17/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/17/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/17/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	05/17/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/17/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	05/17/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	05/17/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	05/17/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	05/17/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	05/17/2023	PB
Surrogate: Dibromofluoromethane	*138%*		*27-188*		*05/17/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*133%*		*17-212*		*05/17/2023*	*PB*
Surrogate: Toluene-d8	*119%*		*41-142*		*05/17/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*130%*		*47-167*		*05/17/2023*	*PB*

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E069
Reported: 06/01/2023 10:45

Sample Results (Continued)

Client Sample ID: CO-14 0-4ft

Lab ID: L23E069-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.036	mg/kg dry	05/17/2023	PB
Vinyl Chloride (SIM)	ND		0.012	mg/kg dry	05/17/2023	PB
Chloroethane	ND		0.036	mg/kg dry	05/17/2023	PB
1,1-Dichloroethene	ND		0.030	mg/kg dry	05/17/2023	PB
trans-1,2-Dichloroethene	ND		0.018	mg/kg dry	05/17/2023	PB
1,1-Dichloroethane	ND		0.018	mg/kg dry	05/17/2023	PB
2,2-Dichloropropane	ND		0.030	mg/kg dry	05/17/2023	PB
cis-1,2-Dichloroethene	ND		0.018	mg/kg dry	05/17/2023	PB
Chloroform	ND		0.018	mg/kg dry	05/17/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.018	mg/kg dry	05/17/2023	PB
Carbon tetrachloride	ND		0.018	mg/kg dry	05/17/2023	PB
1,1-Dichloropropene	ND		0.018	mg/kg dry	05/17/2023	PB
1,2-Dichloroethane (EDC)	ND		0.018	mg/kg dry	05/17/2023	PB
Trichloroethene (TCE)	0.23		0.012	mg/kg dry	05/17/2023	PB
1,2-Dichloropropane	ND		0.018	mg/kg dry	05/17/2023	PB
cis-1,3-Dichloropropene	ND		0.018	mg/kg dry	05/17/2023	PB
Trans-1,3-Dichloropropene	ND		0.018	mg/kg dry	05/17/2023	PB
1,1,2-Trichloroethane	ND		0.018	mg/kg dry	05/17/2023	PB
Tetrachloroethene (SIM)	ND		0.012	mg/kg dry	05/17/2023	PB
2-Chlorotoluene	ND		0.024	mg/kg dry	05/17/2023	PB
4-Chlorotoluene	ND		0.024	mg/kg dry	05/17/2023	PB
1,3-Dichlorobenzene	ND		0.024	mg/kg dry	05/17/2023	PB
1,4-Dichlorobenzene	ND		0.024	mg/kg dry	05/17/2023	PB
1,2-Dichlorobenzene	ND		0.024	mg/kg dry	05/17/2023	PB
Surrogate: Dibromofluoromethane	*134%*		*27-188*		*05/17/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*118%*		*17-212*		*05/17/2023*	*PB*
Surrogate: Toluene-d8	*104%*		*41-142*		*05/17/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*91.5%*		*47-167*		*05/17/2023*	*PB*

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E069
Reported: 06/01/2023 10:45

Sample Results (Continued)

Client Sample ID: CO-15 0-4ft

Lab ID: L23E069-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.035	mg/kg dry	05/17/2023	PB
Vinyl Chloride (SIM)	ND		0.012	mg/kg dry	05/17/2023	PB
Chloroethane	ND		0.035	mg/kg dry	05/17/2023	PB
1,1-Dichloroethene	ND		0.030	mg/kg dry	05/17/2023	PB
trans-1,2-Dichloroethene	ND		0.018	mg/kg dry	05/17/2023	PB
1,1-Dichloroethane	ND		0.018	mg/kg dry	05/17/2023	PB
2,2-Dichloropropane	ND		0.030	mg/kg dry	05/17/2023	PB
cis-1,2-Dichloroethene	ND		0.018	mg/kg dry	05/17/2023	PB
Chloroform	ND		0.018	mg/kg dry	05/17/2023	PB
1,1,1-Trichloroethane (TCA)	0.019		0.018	mg/kg dry	05/17/2023	PB
Carbon tetrachloride	ND		0.018	mg/kg dry	05/17/2023	PB
1,1-Dichloropropene	ND		0.018	mg/kg dry	05/17/2023	PB
1,2-Dichloroethane (EDC)	ND		0.018	mg/kg dry	05/17/2023	PB
Trichloroethene (TCE)	0.45		0.012	mg/kg dry	05/17/2023	PB
1,2-Dichloropropane	ND		0.018	mg/kg dry	05/17/2023	PB
cis-1,3-Dichloropropene	ND		0.018	mg/kg dry	05/17/2023	PB
Trans-1,3-Dichloropropene	ND		0.018	mg/kg dry	05/17/2023	PB
1,1,2-Trichloroethane	ND		0.018	mg/kg dry	05/17/2023	PB
Tetrachloroethene (SIM)	ND		0.012	mg/kg dry	05/17/2023	PB
2-Chlorotoluene	ND		0.024	mg/kg dry	05/17/2023	PB
4-Chlorotoluene	ND		0.024	mg/kg dry	05/17/2023	PB
1,3-Dichlorobenzene	ND		0.024	mg/kg dry	05/17/2023	PB
1,4-Dichlorobenzene	ND		0.024	mg/kg dry	05/17/2023	PB
1,2-Dichlorobenzene	ND		0.024	mg/kg dry	05/17/2023	PB
Surrogate: Dibromofluoromethane	*128%*		*27-188*		*05/17/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*112%*		*17-212*		*05/17/2023*	*PB*
Surrogate: Toluene-d8	*104%*		*41-142*		*05/17/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*123%*		*47-167*		*05/17/2023*	*PB*

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Sample Results (Continued)

Client Sample ID: SS-45 13ft

Lab ID: L23E069-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.046	mg/kg dry	05/17/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	05/17/2023	PB
Chloroethane	ND		0.046	mg/kg dry	05/17/2023	PB
1,1-Dichloroethene	ND		0.038	mg/kg dry	05/17/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/17/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	05/17/2023	PB
2,2-Dichloropropane	ND		0.038	mg/kg dry	05/17/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/17/2023	PB
Chloroform	ND		0.023	mg/kg dry	05/17/2023	PB
1,1,1-Trichloroethane (TCA)	0.051		0.023	mg/kg dry	05/17/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	05/17/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	05/17/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	05/17/2023	PB
Trichloroethene (SIM)	0.017		0.015	mg/kg dry	05/17/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	05/17/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/17/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/17/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	05/17/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	05/17/2023	PB
2-Chlorotoluene	ND		0.030	mg/kg dry	05/17/2023	PB
4-Chlorotoluene	ND		0.030	mg/kg dry	05/17/2023	PB
1,3-Dichlorobenzene	ND		0.030	mg/kg dry	05/17/2023	PB
1,4-Dichlorobenzene	ND		0.030	mg/kg dry	05/17/2023	PB
1,2-Dichlorobenzene	ND		0.030	mg/kg dry	05/17/2023	PB
Surrogate: Dibromofluoromethane	*133%*		*27-188*		*05/17/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*124%*		*17-212*		*05/17/2023*	*PB*
Surrogate: Toluene-d8	*90.8%*		*41-142*		*05/17/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*89.0%*		*47-167*		*05/17/2023*	*PB*

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Project: Sunset Commons

Project Manager: Thom Davis

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Sample Results (Continued)

Client Sample ID: SS-46 18ft

Lab ID: L23E069-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	05/17/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/17/2023	PB
Chloroethane	ND		0.051	mg/kg dry	05/17/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	05/17/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/17/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	05/17/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	05/17/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/17/2023	PB
Chloroform	ND		0.025	mg/kg dry	05/17/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	05/17/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	05/17/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	05/17/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	05/17/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	05/17/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	05/17/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/17/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/17/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	05/17/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/17/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	05/17/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	05/17/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	05/17/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	05/17/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	05/17/2023	PB
Surrogate: Dibromofluoromethane	*131%*		*27-188*		*05/17/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*120%*		*17-212*		*05/17/2023*	*PB*
Surrogate: Toluene-d8	*92.8%*		*41-142*		*05/17/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*126%*		*47-167*		*05/17/2023*	*PB*

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City/State: Bellingham, WA
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Sample Results (Continued)

Client Sample ID: SS-47 14ft

Lab ID: L23E069-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	05/17/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/17/2023	PB
Chloroethane	ND		0.051	mg/kg dry	05/17/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	05/17/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/17/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	05/17/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	05/17/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/17/2023	PB
Chloroform	ND		0.026	mg/kg dry	05/17/2023	PB
1,1,1-Trichloroethane (TCA)	0.042		0.026	mg/kg dry	05/17/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	05/17/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	05/17/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	05/17/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	05/17/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	05/17/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/17/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/17/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	05/17/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/17/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	05/17/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	05/17/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	05/17/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	05/17/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	05/17/2023	PB
Surrogate: Dibromofluoromethane	*129%*		*27-188*		*05/17/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*120%*		*17-212*		*05/17/2023*	*PB*
Surrogate: Toluene-d8	*95.2%*		*41-142*		*05/17/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*87.2%*		*47-167*		*05/17/2023*	*PB*

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City/State: Bellingham, WA
Work Order: L23E069
Reported: 06/01/2023 10:45

Sample Results (Continued)

Client Sample ID: SS-48 9ft

Lab ID: L23E069-09 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.045	mg/kg dry	05/17/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	05/17/2023	PB
Chloroethane	ND		0.045	mg/kg dry	05/17/2023	PB
1,1-Dichloroethene	ND		0.038	mg/kg dry	05/17/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/17/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	05/17/2023	PB
2,2-Dichloropropane	ND		0.038	mg/kg dry	05/17/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/17/2023	PB
Chloroform	ND		0.023	mg/kg dry	05/17/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	05/17/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	05/17/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	05/17/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	05/17/2023	PB
Trichloroethene (SIM)	0.032		0.015	mg/kg dry	05/17/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	05/17/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/17/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/17/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	05/17/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	05/17/2023	PB
2-Chlorotoluene	ND		0.030	mg/kg dry	05/17/2023	PB
4-Chlorotoluene	ND		0.030	mg/kg dry	05/17/2023	PB
1,3-Dichlorobenzene	ND		0.030	mg/kg dry	05/17/2023	PB
1,4-Dichlorobenzene	ND		0.030	mg/kg dry	05/17/2023	PB
1,2-Dichlorobenzene	ND		0.030	mg/kg dry	05/17/2023	PB
Surrogate: Dibromofluoromethane	*134%*		*27-188*		*05/17/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*126%*		*17-212*		*05/17/2023*	*PB*
Surrogate: Toluene-d8	*96.6%*		*41-142*		*05/17/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*108%*		*47-167*		*05/17/2023*	*PB*

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City/State: Bellingham, WA
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Reported: 06/01/2023 10:45

Sample Results (Continued)

Client Sample ID: SS-49 9ft

Lab ID: L23E069-10 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	05/17/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/17/2023	PB
Chloroethane	ND		0.047	mg/kg dry	05/17/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	05/17/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/17/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	05/17/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	05/17/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/17/2023	PB
Chloroform	ND		0.023	mg/kg dry	05/17/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	05/17/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	05/17/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	05/17/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	05/17/2023	PB
Trichloroethene (SIM)	0.023		0.016	mg/kg dry	05/17/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	05/17/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/17/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/17/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	05/17/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/17/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	05/17/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	05/17/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	05/17/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	05/17/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	05/17/2023	PB
Surrogate: Dibromofluoromethane	*137%*		*27-188*		*05/17/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*131%*		*17-212*		*05/17/2023*	*PB*
Surrogate: Toluene-d8	*96.6%*		*41-142*		*05/17/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*95.5%*		*47-167*		*05/17/2023*	*PB*

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Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E069
Reported: 06/01/2023 10:45

Sample Results (Continued)

Client Sample ID: SS-50 9ft

Lab ID: L23E069-11 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	05/17/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/17/2023	PB
Chloroethane	ND		0.049	mg/kg dry	05/17/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	05/17/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/17/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	05/17/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	05/17/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/17/2023	PB
Chloroform	ND		0.025	mg/kg dry	05/17/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	05/17/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	05/17/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	05/17/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	05/17/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	05/17/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	05/17/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/17/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/17/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	05/17/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/17/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	05/17/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	05/17/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	05/17/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	05/17/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	05/17/2023	PB
Surrogate: Dibromofluoromethane	*140%*		*27-188*		*05/17/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*135%*		*17-212*		*05/17/2023*	*PB*
Surrogate: Toluene-d8	*103%*		*41-142*		*05/17/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*111%*		*47-167*		*05/17/2023*	*PB*

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E069
Reported: 06/01/2023 10:45

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXE0105 - VOA										
Blank (BXE0105-BLK1)					Prepared & Analyzed: 5/17/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*26.0*	*ug/L*	*20.0*		*130*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*23.1*	*ug/L*	*20.0*		*116*	*17-212*		
Surrogate: Toluene-d8			*18.2*	*ug/L*	*20.0*		*91.0*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*18.1*	*ug/L*	*20.0*		*90.5*	*47-167*		
LCS (BXE0105-BS1)					Prepared & Analyzed: 5/17/2023					
Chloromethane	0.242		0.060	mg/kg wet	0.250		96.8	10-229		
Vinyl Chloride (SIM)	0.276		0.020	mg/kg wet	0.250		110	15-226		
Chloroethane	0.435		0.060	mg/kg wet	0.250		174	26-324		
1,1-Dichloroethene	0.290		0.050	mg/kg wet	0.250		116	38-193		
trans-1,2-Dichloroethene	0.238		0.030	mg/kg wet	0.250		95.2	53-156		
1,1-Dichloroethane	0.262		0.030	mg/kg wet	0.250		105	68-169		
2,2-Dichloropropane	0.347		0.050	mg/kg wet	0.250		139	50-196		
cis-1,2-Dichloroethene	0.246		0.030	mg/kg wet	0.250		98.6	10-219		
Chloroform	0.312		0.030	mg/kg wet	0.250		125	47-192		
1,1,1-Trichloroethane (TCA)	0.334		0.030	mg/kg wet	0.250		134	67-173		
Carbon tetrachloride	0.372		0.030	mg/kg wet	0.250		149	69-170		
1,1-Dichloropropene	0.238		0.030	mg/kg wet	0.250		95.2	61-113		
1,2-Dichloroethane (EDC)	0.314		0.030	mg/kg wet	0.250		125	67-138		
Trichloroethene (SIM)	0.285		0.020	mg/kg wet	0.250		114	67-121		
1,2-Dichloropropane	0.276		0.030	mg/kg wet	0.250		110	51-140		
cis-1,3-Dichloropropene	0.299	S3	0.030	mg/kg wet	0.250		120	56-105		
Trans-1,3-Dichloropropene	0.285	S3	0.030	mg/kg wet	0.250		114	63-109		
1,1,2-Trichloroethane	0.321		0.030	mg/kg wet	0.250		128	65-152		
Tetrachloroethene (SIM)	0.386		0.020	mg/kg wet	0.250		154	46-159		
2-Chlorotoluene	0.191		0.040	mg/kg wet	0.250		76.3	67-120		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E069
Reported: 06/01/2023 10:45

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXE0105-BS1)					Prepared & Analyzed: 5/17/2023					
4-Chlorotoluene	0.206		0.040	mg/kg wet	0.250		82.6	65-116		
1,3-Dichlorobenzene	0.285		0.040	mg/kg wet	0.250		114	75-133		
1,4-Dichlorobenzene	0.275		0.040	mg/kg wet	0.250		110	83-128		
1,2-Dichlorobenzene	0.293		0.040	mg/kg wet	0.250		117	73-129		
Surrogate: Dibromofluoromethane			*24.7*	*ug/L*	*20.0*		*124*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*22.6*	*ug/L*	*20.0*		*113*	*17-212*		
Surrogate: Toluene-d8			*18.9*	*ug/L*	*20.0*		*94.5*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*25.9*	*ug/L*	*20.0*		*129*	*47-167*		
Duplicate (BXE0105-DUP1)		**Parent: L23E069-04**			Prepared & Analyzed: 5/17/2023					
Chloromethane	ND		0.036	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.012	mg/kg dry		ND				35
Chloroethane	ND		0.036	mg/kg dry		0.00670				35
1,1-Dichloroethene	ND		0.030	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.018	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.018	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.030	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.018	mg/kg dry		0.00817				35
Chloroform	ND		0.018	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.018	mg/kg dry		0.0137				35
Carbon tetrachloride	ND		0.018	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.018	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.018	mg/kg dry		ND				35
Trichloroethene (SIM)	0.0560	R	0.012	mg/kg dry		0.244			125	35
1,2-Dichloropropane	ND		0.018	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.018	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.018	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.018	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.012	mg/kg dry		0.00207				35
2-Chlorotoluene	ND		0.024	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.024	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.024	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.024	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.024	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*24.7*	*ug/L*	*20.0*		*123*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*21.6*	*ug/L*	*20.0*		*108*	*17-212*		
Surrogate: Toluene-d8			*18.2*	*ug/L*	*20.0*		*90.9*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*19.9*	*ug/L*	*20.0*		*99.4*	*47-167*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E069
Reported: 06/01/2023 10:45

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Duplicate (BXE0105-DUP2)		**Parent: L23E069-09**			Prepared & Analyzed: 5/17/2023					
Chloromethane	ND		0.045	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry		ND				35
Chloroethane	ND		0.045	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.038	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.023	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.038	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry		ND				35
Chloroform	ND		0.023	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	0.0254		0.023	mg/kg dry		0.0187				35
Carbon tetrachloride	ND		0.023	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.023	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry		ND				35
Trichloroethene (SIM)	0.0530	R	0.015	mg/kg dry		0.0322			48.9	35
1,2-Dichloropropane	ND		0.023	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.023	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.030	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.030	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.030	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.030	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.030	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*26.2*	*ug/L*	*20.0*		*131*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*24.5*	*ug/L*	*20.0*		*123*	*17-212*		
Surrogate: Toluene-d8			*19.9*	*ug/L*	*20.0*		*99.6*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*21.8*	*ug/L*	*20.0*		*109*	*47-167*		
Matrix Spike (BXE0105-MS1)		**Parent: L23E069-04**			Prepared & Analyzed: 5/17/2023					
Chloromethane	0.139		0.036	mg/kg dry	0.150	ND	92.3	10-226		
Vinyl Chloride (SIM)	0.139		0.012	mg/kg dry	0.150	ND	92.7	10-208		
Chloroethane	0.153		0.036	mg/kg dry	0.150	0.00670	97.6	10-245		
1,1-Dichloroethene	0.183		0.030	mg/kg dry	0.150	ND	122	50-187		
trans-1,2-Dichloroethene	0.183		0.018	mg/kg dry	0.150	ND	122	38-175		
1,1-Dichloroethane	0.161		0.018	mg/kg dry	0.150	ND	107	67-164		
2,2-Dichloropropane	0.211		0.030	mg/kg dry	0.150	ND	141	75-162		
cis-1,2-Dichloroethene	0.154		0.018	mg/kg dry	0.150	0.00817	97.3	33-166		
Chloroform	0.203		0.018	mg/kg dry	0.150	ND	135	18-225		
1,1,1-Trichloroethane (TCA)	0.207		0.018	mg/kg dry	0.150	0.0137	129	73-162		
Carbon tetrachloride	0.219		0.018	mg/kg dry	0.150	ND	146	70-175		
1,1-Dichloropropene	0.150		0.018	mg/kg dry	0.150	ND	100	55-121		
1,2-Dichloroethane (EDC)	0.187		0.018	mg/kg dry	0.150	ND	124	66-147		
Trichloroethene (TCE)	0.192	S1	0.012	mg/kg dry	0.150	0.228	NR	71-126		
1,2-Dichloropropane	0.172		0.018	mg/kg dry	0.150	ND	115	55-146		
cis-1,3-Dichloropropene	0.212	S1	0.018	mg/kg dry	0.150	ND	141	32-130		
Trans-1,3-Dichloropropene	0.155		0.018	mg/kg dry	0.150	ND	103	51-115		
1,1,2-Trichloroethane	0.160		0.018	mg/kg dry	0.150	ND	107	61-157		
Tetrachloroethene (SIM)	0.172		0.012	mg/kg dry	0.150	0.00207	113	45-166		
2-Chlorotoluene	0.145		0.024	mg/kg dry	0.150	ND	96.3	53-138		
4-Chlorotoluene	0.186		0.024	mg/kg dry	0.150	ND	124	51-132		
1,3-Dichlorobenzene	0.191		0.024	mg/kg dry	0.150	ND	127	68-143		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellingham, WA **Work Order:** L23E069 **Reported:** 06/01/2023 10:45

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXE0105-MS1)		**Parent: L23E069-04**			Prepared & Analyzed: 5/17/2023					
1,4-Dichlorobenzene	0.150		0.024	mg/kg dry	0.150	ND	100	71-140		
1,2-Dichlorobenzene	0.196		0.024	mg/kg dry	0.150	ND	131	60-138		
Surrogate: Dibromofluoromethane			*24.3*	*ug/L*	*20.0*		*121*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*21.4*	*ug/L*	*20.0*		*107*	*17-212*		
Surrogate: Toluene-d8			*20.7*	*ug/L*	*20.0*		*104*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*23.6*	*ug/L*	*20.0*		*118*	*47-167*		
Matrix Spike Dup (BXE0105-MSD1)		**Parent: L23E069-04**			Prepared & Analyzed: 5/17/2023					
Chloromethane	0.141		0.036	mg/kg dry	0.150	ND	93.8	10-226	1.61	35
Vinyl Chloride (SIM)	0.144		0.012	mg/kg dry	0.150	ND	96.0	10-208	3.46	35
Chloroethane	0.138		0.036	mg/kg dry	0.150	0.00670	87.3	10-245	10.6	35
1,1-Dichloroethene	0.177		0.030	mg/kg dry	0.150	ND	118	50-187	3.07	35
trans-1,2-Dichloroethene	0.180		0.018	mg/kg dry	0.150	ND	120	38-175	1.94	35
1,1-Dichloroethane	0.259	R	0.018	mg/kg dry	0.150	ND	173	67-164	46.7	35
2,2-Dichloropropane	0.204		0.030	mg/kg dry	0.150	ND	136	75-162	3.38	35
cis-1,2-Dichloroethene	0.158		0.018	mg/kg dry	0.150	0.00817	99.5	33-166	2.14	35
Chloroform	0.190		0.018	mg/kg dry	0.150	ND	127	18-225	6.49	35
1,1,1-Trichloroethane (TCA)	0.211		0.018	mg/kg dry	0.150	0.0137	132	73-162	2.01	35
Carbon tetrachloride	0.209		0.018	mg/kg dry	0.150	ND	139	70-175	4.84	35
1,1-Dichloropropene	0.135		0.018	mg/kg dry	0.150	ND	89.8	55-121	10.9	35
1,2-Dichloroethane (EDC)	0.199		0.018	mg/kg dry	0.150	ND	133	66-147	6.29	35
Trichloroethene (SIM)	0.305	S1	0.012	mg/kg dry	0.150	0.244	40.8	71-126	45.7	35
1,2-Dichloropropane	0.157		0.018	mg/kg dry	0.150	ND	104	55-146	9.45	35
cis-1,3-Dichloropropene	0.187		0.018	mg/kg dry	0.150	ND	124	32-130	12.4	35
Trans-1,3-Dichloropropene	0.160		0.018	mg/kg dry	0.150	ND	107	51-115	3.58	35
1,1,2-Trichloroethane	0.194		0.018	mg/kg dry	0.150	ND	129	61-157	19.2	35
Tetrachloroethene (SIM)	0.180		0.012	mg/kg dry	0.150	0.00207	119	45-166	4.91	35
2-Chlorotoluene	0.123		0.024	mg/kg dry	0.150	ND	82.2	53-138	15.8	35
4-Chlorotoluene	0.149		0.024	mg/kg dry	0.150	ND	99.2	51-132	22.0	35
1,3-Dichlorobenzene	0.171		0.024	mg/kg dry	0.150	ND	114	68-143	10.9	35
1,4-Dichlorobenzene	0.157		0.024	mg/kg dry	0.150	ND	105	71-140	4.32	35
1,2-Dichlorobenzene	0.178		0.024	mg/kg dry	0.150	ND	118	60-138	10.0	35
Surrogate: Dibromofluoromethane			*23.4*	*ug/L*	*20.0*		*117*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*22.8*	*ug/L*	*20.0*		*114*	*17-212*		
Surrogate: Toluene-d8			*19.4*	*ug/L*	*20.0*		*97.1*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*24.9*	*ug/L*	*20.0*		*124*	*47-167*		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

May 22, 2023

Thom Davis
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23E073

Enclosed are the results of analyses for samples received by our laboratory on 5/18/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

Libby Environmental, Inc. L23E073 B1E0112

Chain of Custody Record

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154
www.LibbyEnvironmental.com

Client: Whatcom Env.
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Date: 5/18/23 Page: 1 of 1
Project Manager: Thom Davis
Project Name: Sunset Commons
Location: City, State: Bellingham, WA
Collector: Thom Davis Date of Collection: 5/17 & 5/18
Email:

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	HVOC 8260		Field Notes
1	SS-51 10Ft	10'	1500	Soil	1Jar, 2Vocs												X			Collected 5/17
2	SS-52 14ft	14'	9am														X			Collected 5/18
3	SS-53 9ft	9'	905a														X			
4	SS-54 14ft	14'	910														X			
5	SS-55 9ft	9'	915														X			
6	SS-56 9ft	9'	920														X			
7	SS-57 18ft	18'	925														X			
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
	5/17/23 1520		5/17/1515
Thom Davis WES	5/18/23@1205		5/18/1205

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellingham, WA **Work Order:** L23E073 **Reported:** 05/22/2023 16:02

Notes and Definitions

Item	Definition
A	Due to high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
R	High Relative Percent Difference observed.
S1	Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
S4	Outlying surrogate recovery(ies) observed.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23E073-01	SS-51 10ft	Soil	05/17/2023	05/18/2023
L23E073-02	SS-52 14ft	Soil	05/18/2023	05/18/2023
L23E073-03	SS-53 9ft	Soil	05/18/2023	05/18/2023
L23E073-04	SS-54 14ft	Soil	05/18/2023	05/18/2023
L23E073-05	SS-55 9ft	Soil	05/18/2023	05/18/2023
L23E073-06	SS-56 9ft	Soil	05/18/2023	05/18/2023
L23E073-07	SS-57 18ft	Soil	05/18/2023	05/18/2023

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Libby Environmental, Inc.

Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E073
Reported: 05/22/2023 16:02

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-51 10ft**			Lab#: L23E073-01		
cis-1,2-Dichloroethene	0.055		mg/kg dry	0.023	8260D
Trichloroethene (TCE)	1.9		mg/kg dry	0.015	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E073
Reported: 05/22/2023 16:02

Sample Results

Client Sample ID: SS-51 10ft

Lab ID: L23E073-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.046	mg/kg dry	05/18/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	05/18/2023	PB
Chloroethane	ND		0.046	mg/kg dry	05/18/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	05/18/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	05/18/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	05/18/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	05/18/2023	PB
cis-1,2-Dichloroethene	0.055		0.023	mg/kg dry	05/18/2023	PB
Chloroform	ND		0.023	mg/kg dry	05/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	05/18/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	05/18/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	05/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	05/18/2023	PB
Trichloroethene (TCE)	1.9		0.015	mg/kg dry	05/18/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	05/18/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	05/18/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	05/18/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	05/18/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	05/18/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	05/18/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	05/18/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	05/18/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	05/18/2023	PB
Surrogate: Dibromofluoromethane	*130%*		*27-188*		*05/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*118%*		*17-212*		*05/18/2023*	*PB*
Surrogate: Toluene-d8	*94.8%*		*41-142*		*05/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*80.7%*		*47-167*		*05/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	15		0.50	%	05/19/2023	SG

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Whatcom Environmental Services
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Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E073
Reported: 05/22/2023 16:02

Sample Results (Continued)

Client Sample ID: SS-52 14ft

Lab ID: L23E073-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	05/18/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/18/2023	PB
Chloroethane	ND		0.049	mg/kg dry	05/18/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	05/18/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/18/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/18/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	05/18/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/18/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/18/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/18/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/18/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	05/18/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/18/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/18/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/18/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/18/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	05/18/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	05/18/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	05/18/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	05/18/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	05/18/2023	PB
Surrogate: Dibromofluoromethane	*132%*		*27-188*		*05/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*123%*		*17-212*		*05/18/2023*	*PB*
Surrogate: Toluene-d8	*94.6%*		*41-142*		*05/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*88.4%*		*47-167*		*05/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	05/19/2023	SG

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Sample Results (Continued)

Client Sample ID: SS-53 9ft

Lab ID: L23E073-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	05/18/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/18/2023	PB
Chloroethane	ND		0.048	mg/kg dry	05/18/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	05/18/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/18/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/18/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	05/18/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/18/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/18/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/18/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/18/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	05/18/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/18/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/18/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/18/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/18/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	05/18/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	05/18/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	05/18/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	05/18/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	05/18/2023	PB
Surrogate: Dibromofluoromethane	*136%*		*27-188*		*05/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*138%*		*17-212*		*05/18/2023*	*PB*
Surrogate: Toluene-d8	*97.6%*		*41-142*		*05/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*84.1%*		*47-167*		*05/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	05/19/2023	SG

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Sample Results (Continued)

Client Sample ID: SS-54 14ft

Lab ID: L23E073-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	05/18/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/18/2023	PB
Chloroethane	ND		0.050	mg/kg dry	05/18/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	05/18/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/18/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	05/18/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	05/18/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	05/18/2023	PB
Chloroform	ND		0.025	mg/kg dry	05/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	05/18/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	05/18/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	05/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	05/18/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	05/18/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	05/18/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	05/18/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	05/18/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/18/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	05/18/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	05/18/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	05/18/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	05/18/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	05/18/2023	PB
Surrogate: Dibromofluoromethane	*133%*		*27-188*		*05/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*127%*		*17-212*		*05/18/2023*	*PB*
Surrogate: Toluene-d8	*98.7%*		*41-142*		*05/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*91.4%*		*47-167*		*05/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	05/19/2023	SG

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Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E073
Reported: 05/22/2023 16:02

Sample Results (Continued)

Client Sample ID: SS-55 9ft

Lab ID: L23E073-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	05/18/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/18/2023	PB
Chloroethane	ND		0.047	mg/kg dry	05/18/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	05/18/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/18/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/18/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	05/18/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/18/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/18/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/18/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/18/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	05/18/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/18/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/18/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/18/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/18/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	05/18/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	05/18/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	05/18/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	05/18/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	05/18/2023	PB
Surrogate: Dibromofluoromethane	*130%*		*27-188*		*05/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*121%*		*17-212*		*05/18/2023*	*PB*
Surrogate: Toluene-d8	*113%*		*41-142*		*05/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*83.2%*		*47-167*		*05/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	05/19/2023	SG

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Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E073
Reported: 05/22/2023 16:02

Sample Results (Continued)

Client Sample ID: SS-56 9ft

Lab ID: L23E073-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	05/18/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	05/18/2023	PB
Chloroethane	ND		0.048	mg/kg dry	05/18/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	05/18/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/18/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	05/18/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	05/18/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	05/18/2023	PB
Chloroform	ND		0.024	mg/kg dry	05/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	05/18/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	05/18/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	05/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	05/18/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	05/18/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	05/18/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	05/18/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	05/18/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	05/18/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	05/18/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	05/18/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	05/18/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	05/18/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	05/18/2023	PB
Surrogate: Dibromofluoromethane	*130%*		*27-188*		*05/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*119%*		*17-212*		*05/18/2023*	*PB*
Surrogate: Toluene-d8	*102%*		*41-142*		*05/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*82.6%*		*47-167*		*05/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	05/19/2023	SG

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Sample Results (Continued)

Client Sample ID: SS-57 18ft

Lab ID: L23E073-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	05/18/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	05/18/2023	PB
Chloroethane	ND		0.051	mg/kg dry	05/18/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	05/18/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/18/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	05/18/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	05/18/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	05/18/2023	PB
Chloroform	ND		0.026	mg/kg dry	05/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	05/18/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	05/18/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	05/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	05/18/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	05/18/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	05/18/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	05/18/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	05/18/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	05/18/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	05/18/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	05/18/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	05/18/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	05/18/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	05/18/2023	PB
Surrogate: Dibromofluoromethane	*130%*		*27-188*		*05/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*121%*		*17-212*		*05/18/2023*	*PB*
Surrogate: Toluene-d8	*106%*		*41-142*		*05/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*91.0%*		*47-167*		*05/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	05/19/2023	SG

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City/State: Bellingham, WA
Work Order: L23E073
Reported: 05/22/2023 16:02

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXE0112 - VOA										
Blank (BXE0112-BLK1)					Prepared & Analyzed: 5/18/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*26.6*	*ug/L*	*20.0*		*133*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*25.5*	*ug/L*	*20.0*		*128*	*17-212*		
Surrogate: Toluene-d8			*18.4*	*ug/L*	*20.0*		*92.2*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*17.4*	*ug/L*	*20.0*		*86.8*	*47-167*		
LCS (BXE0112-BS1)					Prepared & Analyzed: 5/18/2023					
Chloromethane	0.216		0.060	mg/kg wet	0.250		86.4	10-229		
Vinyl Chloride (SIM)	0.247		0.020	mg/kg wet	0.250		98.9	15-226		
Chloroethane	0.293		0.060	mg/kg wet	0.250		117	26-324		
1,1-Dichloroethene	0.272		0.050	mg/kg wet	0.250		109	38-193		
trans-1,2-Dichloroethene	0.274		0.030	mg/kg wet	0.250		110	53-156		
1,1-Dichloroethane	0.364		0.030	mg/kg wet	0.250		146	68-169		
2,2-Dichloropropane	0.350		0.050	mg/kg wet	0.250		140	50-196		
cis-1,2-Dichloroethene	0.241		0.030	mg/kg wet	0.250		96.6	10-219		
Chloroform	0.323		0.030	mg/kg wet	0.250		129	47-192		
1,1,1-Trichloroethane (TCA)	0.339		0.030	mg/kg wet	0.250		136	67-173		
Carbon tetrachloride	0.353		0.030	mg/kg wet	0.250		141	69-170		
1,1-Dichloropropene	0.208		0.030	mg/kg wet	0.250		83.3	61-113		
1,2-Dichloroethane (EDC)	0.306		0.030	mg/kg wet	0.250		123	67-138		
Trichloroethene (SIM)	0.250		0.020	mg/kg wet	0.250		100	67-121		
1,2-Dichloropropane	0.256		0.030	mg/kg wet	0.250		102	51-140		
cis-1,3-Dichloropropene	0.275	S3	0.030	mg/kg wet	0.250		110	56-105		
Trans-1,3-Dichloropropene	0.285	S3	0.030	mg/kg wet	0.250		114	63-109		
1,1,2-Trichloroethane	0.334		0.030	mg/kg wet	0.250		134	65-152		
Tetrachloroethene (SIM)	0.315		0.020	mg/kg wet	0.250		126	46-159		
2-Chlorotoluene	0.205		0.040	mg/kg wet	0.250		82.1	67-120		

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No duplication of this report is allowed, except in its entirety.

Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E073
Reported: 05/22/2023 16:02

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXE0112-BS1)					Prepared & Analyzed: 5/18/2023					
4-Chlorotoluene	0.224		0.040	mg/kg wet	0.250		89.7	65-116		
1,3-Dichlorobenzene	0.293		0.040	mg/kg wet	0.250		117	75-133		
1,4-Dichlorobenzene	0.269		0.040	mg/kg wet	0.250		108	83-128		
1,2-Dichlorobenzene	0.280		0.040	mg/kg wet	0.250		112	73-129		
Surrogate: Dibromofluoromethane			*24.5*	*ug/L*	*20.0*		*123*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*24.2*	*ug/L*	*20.0*		*121*	*17-212*		
Surrogate: Toluene-d8			*18.6*	*ug/L*	*20.0*		*93.0*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*25.4*	*ug/L*	*20.0*		*127*	*47-167*		
Duplicate (BXE0112-DUP1)		**Parent: L23E073-01**			Prepared & Analyzed: 5/18/2023					
Chloromethane	ND		0.046	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry		ND				35
Chloroethane	ND		0.046	mg/kg dry		0.0110				35
1,1-Dichloroethene	ND		0.039	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.023	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.039	mg/kg dry		ND				35
cis-1,2-Dichloroethene	0.0625		0.023	mg/kg dry		0.0553			12.2	35
Chloroform	ND		0.023	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.023	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.023	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry		ND				35
Trichloroethene (TCE)	2.81	R	0.015	mg/kg dry		1.94			36.6	35
1,2-Dichloropropane	ND		0.023	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.023	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.031	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.031	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.031	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.031	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.031	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*25.5*	*ug/L*	*20.0*		*128*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*23.4*	*ug/L*	*20.0*		*117*	*17-212*		
Surrogate: Toluene-d8			*21.6*	*ug/L*	*20.0*		*108*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*15.9*	*ug/L*	*20.0*		*79.4*	*47-167*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E073
Reported: 05/22/2023 16:02

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXE0112-MS1)		**Parent: L23E073-01**			Prepared & Analyzed: 5/18/2023					
Chloromethane	0.159		0.046	mg/kg dry	0.193	ND	82.4	10-226		
Vinyl Chloride (SIM)	0.162		0.015	mg/kg dry	0.193	0.00758	79.8	10-208		
Chloroethane	0.134		0.046	mg/kg dry	0.193	0.0110	63.4	10-245		
1,1-Dichloroethene	0.205		0.039	mg/kg dry	0.193	0.0110	100	50-187		
trans-1,2-Dichloroethene	0.207		0.023	mg/kg dry	0.193	ND	107	38-175		
1,1-Dichloroethane	0.334	S1	0.023	mg/kg dry	0.193	ND	172	67-164		
2,2-Dichloropropane	0.260		0.039	mg/kg dry	0.193	ND	134	75-162		
cis-1,2-Dichloroethene	0.233		0.023	mg/kg dry	0.193	0.0553	92.0	33-166		
Chloroform	0.249		0.023	mg/kg dry	0.193	ND	129	18-225		
1,1,1-Trichloroethane (TCA)	0.258		0.023	mg/kg dry	0.193	ND	133	73-162		
Carbon tetrachloride	0.257		0.023	mg/kg dry	0.193	ND	133	70-175		
1,1-Dichloropropene	0.160		0.023	mg/kg dry	0.193	ND	82.5	55-121		
1,2-Dichloroethane (EDC)	0.239		0.023	mg/kg dry	0.193	ND	124	66-147		
Trichloroethene (TCE)	2.30	A	0.015	mg/kg dry	0.193	1.94	183	71-126		
1,2-Dichloropropane	0.210		0.023	mg/kg dry	0.193	ND	108	55-146		
cis-1,3-Dichloropropene	0.239		0.023	mg/kg dry	0.193	ND	124	32-130		
Trans-1,3-Dichloropropene	0.196		0.023	mg/kg dry	0.193	ND	101	51-115		
1,1,2-Trichloroethane	0.216		0.023	mg/kg dry	0.193	ND	112	61-157		
Tetrachloroethene (SIM)	0.201		0.015	mg/kg dry	0.193	ND	104	45-166		
2-Chlorotoluene	0.160		0.031	mg/kg dry	0.193	ND	82.6	53-138		
4-Chlorotoluene	0.187		0.031	mg/kg dry	0.193	ND	96.6	51-132		
1,3-Dichlorobenzene	0.213		0.031	mg/kg dry	0.193	ND	110	68-143		
1,4-Dichlorobenzene	0.197		0.031	mg/kg dry	0.193	ND	102	71-140		
1,2-Dichlorobenzene	0.229		0.031	mg/kg dry	0.193	ND	119	60-138		
Surrogate: Dibromofluoromethane			*25.4*	*ug/L*	*20.0*		*127*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*24.8*	*ug/L*	*20.0*		*124*	*17-212*		
Surrogate: Toluene-d8			*21.9*	*ug/L*	*20.0*		*109*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*23.2*	*ug/L*	*20.0*		*116*	*47-167*		
Matrix Spike Dup (BXE0112-MSD1)		**Parent: L23E073-01**			Prepared & Analyzed: 5/18/2023					
Chloromethane	0.156		0.046	mg/kg dry	0.193	ND	80.8	10-226	2.03	35
Vinyl Chloride (SIM)	0.177		0.015	mg/kg dry	0.193	0.00758	87.4	10-208	8.66	35
Chloroethane	0.140		0.046	mg/kg dry	0.193	0.0110	66.8	10-245	4.80	35
1,1-Dichloroethene	0.219		0.039	mg/kg dry	0.193	0.0110	107	50-187	6.49	35
trans-1,2-Dichloroethene	0.212		0.023	mg/kg dry	0.193	ND	110	38-175	2.56	35
1,1-Dichloroethane	0.334	S1	0.023	mg/kg dry	0.193	ND	173	67-164	0.151	35
2,2-Dichloropropane	0.267		0.039	mg/kg dry	0.193	ND	138	75-162	2.79	35
cis-1,2-Dichloroethene	0.243		0.023	mg/kg dry	0.193	0.0553	97.2	33-166	4.16	35
Chloroform	0.247		0.023	mg/kg dry	0.193	ND	128	18-225	0.794	35
1,1,1-Trichloroethane (TCA)	0.257		0.023	mg/kg dry	0.193	ND	133	73-162	0.270	35
Carbon tetrachloride	0.258		0.023	mg/kg dry	0.193	ND	133	70-175	0.571	35
1,1-Dichloropropene	0.178		0.023	mg/kg dry	0.193	ND	92.0	55-121	11.0	35
1,2-Dichloroethane (EDC)	0.240		0.023	mg/kg dry	0.193	ND	124	66-147	0.581	35
Trichloroethene (TCE)	2.27	A	0.015	mg/kg dry	0.193	1.94	169	71-126	1.21	35
1,2-Dichloropropane	0.213		0.023	mg/kg dry	0.193	ND	110	55-146	1.68	35
cis-1,3-Dichloropropene	0.260	S4	0.023	mg/kg dry	0.193	ND	134	32-130	8.29	35
Trans-1,3-Dichloropropene	0.198		0.023	mg/kg dry	0.193	ND	102	51-115	1.24	35
1,1,2-Trichloroethane	0.245		0.023	mg/kg dry	0.193	ND	127	61-157	12.9	35
Tetrachloroethene (SIM)	0.220		0.015	mg/kg dry	0.193	ND	114	45-166	9.22	35
2-Chlorotoluene	0.164		0.031	mg/kg dry	0.193	ND	84.7	53-138	2.61	35
4-Chlorotoluene	0.204		0.031	mg/kg dry	0.193	ND	105	51-132	8.64	35
1,3-Dichlorobenzene	0.235		0.031	mg/kg dry	0.193	ND	122	68-143	10.0	35

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23E073
Reported: 05/22/2023 16:02

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXE0112-MSD1)		**Parent: L23E073-01**			Prepared & Analyzed: 5/18/2023					
1,4-Dichlorobenzene	0.208		0.031	mg/kg dry	0.193	ND	107	71-140	5.16	35
1,2-Dichlorobenzene	0.243		0.031	mg/kg dry	0.193	ND	125	60-138	5.69	35
Surrogate: Dibromofluoromethane			*24.9*	*ug/L*	*20.0*		*124*	*27-188*		
Surrogate: 1,2-Dichloroethane-d4			*24.3*	*ug/L*	*20.0*		*122*	*17-212*		
Surrogate: Toluene-d8			*21.1*	*ug/L*	*20.0*		*106*	*41-142*		
Surrogate: 4-Bromofluorobenzene			*24.6*	*ug/L*	*20.0*		*123*	*47-167*		

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Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellingham, WA **Work Order:** L23E073 **Reported:** 05/22/2023 16:02

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXE0125 - Gen Chem										
LCS (BXE0125-BS1)					Prepared & Analyzed: 5/19/2023					
Moisture	18			%	17.0		103	90-115		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety.

Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

Phone (360) 352-2110 • libbyenv@gmail.com

September 18, 2023

Thom Davis
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23I056

Enclosed are the results of analyses for samples received by our laboratory on 9/15/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

DXI6084

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.com

Date: 9/15/23 Page: 1 of 1

Client: Whatcom Environmental
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Project Manager: ~~Thom D~~ Aimee Pennell
Project Name: Sunset Commons
Location: Sunset Commons City, State: Bellingham, WA
Collector: Thom Davis Date of Collection: 9/15/23
Email:

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 (Chlorinated)	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1	SS-58 8.5ft		11:00AM			X														
2	SS-59 14ft		11:05AM			X														
3	CO-16 0-5ft		1110A			X														
4	CO-17 0-5ft		1115A			X														
5	SS-60 8.5ft		1330			X														
6	SS-61 14ft		1350			X														
7	SS-62 18ft		1455			X														Hold for TCLP if Needed
8	SS-63 18.5ft		1515			X														
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
WES	1611 on 9/15/23		
			9/15/23 1611
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:
ML

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellingham, WA **Work Order:** L23I056 **Reported:** 09/18/2023 16:17

Notes and Definitions

Item	Definition
E	Reported value is above the calibration range and should be considered an estimate.
R	High Relative Percent Difference observed.
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23I056-01	SS-58 8.5ft	Soil	09/15/2023	09/15/2023
L23I056-02	SS-59 14ft	Soil	09/15/2023	09/15/2023
L23I056-03	CO-16 0-5ft	Soil	09/15/2023	09/15/2023
L23I056-04	CO-17 0-5ft	Soil	09/15/2023	09/15/2023
L23I056-05	SS-60 8.5ft	Soil	09/15/2023	09/15/2023
L23I056-06	SS-61 14ft	Soil	09/15/2023	09/15/2023
L23I056-07	SS-62 18ft	Soil	09/15/2023	09/15/2023
L23I056-08	SS-63 18.5ft	Soil	09/15/2023	09/15/2023

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Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Thom Davis	**City/State:** Bellingham, WA **Work Order:** L23I056 **Reported:** 09/18/2023 16:17

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-58 8.5ft**			Lab#: L23I056-01		
Trichloroethene	0.042		mg/kg dry	0.015	8260D
Sample: **SS-59 14ft**			Lab#: L23I056-02		
cis-1,2-Dichloroethene	0.028		mg/kg dry	0.025	8260D
Trichloroethene (TCE)	0.86		mg/kg dry	0.016	8260D
Sample: **SS-60 8.5ft**			Lab#: L23I056-05		
Trichloroethene	0.027		mg/kg dry	0.015	8260D
Sample: **SS-61 14ft**			Lab#: L23I056-06		
cis-1,2-Dichloroethene	0.028		mg/kg dry	0.024	8260D
Trichloroethene (TCE)	0.60		mg/kg dry	0.016	8260D
Sample: **SS-62 18ft**			Lab#: L23I056-07		
cis-1,2-Dichloroethene	0.12		mg/kg dry	0.025	8260D
Trichloroethene (TCE)	31	E	mg/kg dry	0.017	8260D
Tetrachloroethene	0.070		mg/kg dry	0.017	8260D
Sample: **SS-63 18.5ft**			Lab#: L23I056-08		
Trichloroethene	0.022		mg/kg dry	0.016	8260D

Note: If no entry is made, then no target compounds were detected.

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228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23I056
Reported: 09/18/2023 16:17

Sample Results

Client Sample ID: SS-58 8.5ft

Lab ID: L23I056-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.045	mg/kg dry	09/15/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	09/15/2023	PB
Chloroethane	ND		0.045	mg/kg dry	09/15/2023	PB
1,1-Dichloroethene	ND		0.037	mg/kg dry	09/15/2023	PB
trans-1,2-Dichloroethene	ND		0.022	mg/kg dry	09/15/2023	PB
1,1-Dichloroethane	ND		0.022	mg/kg dry	09/15/2023	PB
2,2-Dichloropropane	ND		0.037	mg/kg dry	09/15/2023	PB
cis-1,2-Dichloroethene	ND		0.022	mg/kg dry	09/15/2023	PB
Chloroform	ND		0.022	mg/kg dry	09/15/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.022	mg/kg dry	09/15/2023	PB
Carbon tetrachloride	ND		0.022	mg/kg dry	09/15/2023	PB
1,1-Dichloropropene	ND		0.022	mg/kg dry	09/15/2023	PB
1,2-Dichloroethane (EDC)	ND		0.022	mg/kg dry	09/15/2023	PB
Trichloroethene (SIM)	0.042		0.015	mg/kg dry	09/15/2023	PB
1,2-Dichloropropane	ND		0.022	mg/kg dry	09/15/2023	PB
cis-1,3-Dichloropropene	ND		0.022	mg/kg dry	09/15/2023	PB
Trans-1,3-Dichloropropene	ND		0.022	mg/kg dry	09/15/2023	PB
1,1,2-Trichloroethane	ND		0.022	mg/kg dry	09/15/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	09/15/2023	PB
2-Chlorotoluene	ND		0.030	mg/kg dry	09/15/2023	PB
4-Chlorotoluene	ND		0.030	mg/kg dry	09/15/2023	PB
1,3-Dichlorobenzene	ND		0.030	mg/kg dry	09/15/2023	PB
1,4-Dichlorobenzene	ND		0.030	mg/kg dry	09/15/2023	PB
1,2-Dichlorobenzene	ND		0.030	mg/kg dry	09/15/2023	PB
Surrogate: Dibromofluoromethane	*119%*		*22.9-220*		*09/15/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*147%*		*32.2-196*		*09/15/2023*	*PB*
Surrogate: Toluene-d8	*99.5%*		*47.3-146*		*09/15/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*101%*		*38.4-136*		*09/15/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	14		0.50	%	09/18/2023	BW

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Sample Results (Continued)

Client Sample ID: SS-59 14ft

Lab ID: L23I056-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	09/15/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/15/2023	PB
Chloroethane	ND		0.049	mg/kg dry	09/15/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	09/15/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/15/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	09/15/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	09/15/2023	PB
cis-1,2-Dichloroethene	0.028		0.025	mg/kg dry	09/15/2023	PB
Chloroform	ND		0.025	mg/kg dry	09/15/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	09/15/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	09/15/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	09/15/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	09/15/2023	PB
Trichloroethene (TCE)	0.86		0.016	mg/kg dry	09/15/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	09/15/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/15/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/15/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	09/15/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/15/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	09/15/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	09/15/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	09/15/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	09/15/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	09/15/2023	PB
Surrogate: Dibromofluoromethane	*116%*		*22.9-220*		*09/15/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*144%*		*32.2-196*		*09/15/2023*	*PB*
Surrogate: Toluene-d8	*97.2%*		*47.3-146*		*09/15/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*97.7%*		*38.4-136*		*09/15/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	09/18/2023	BW

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Sample Results (Continued)

Client Sample ID: CO-16 0-5ft

Lab ID: L23I056-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.045	mg/kg dry	09/15/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	09/15/2023	PB
Chloroethane	ND		0.045	mg/kg dry	09/15/2023	PB
1,1-Dichloroethene	ND		0.037	mg/kg dry	09/15/2023	PB
trans-1,2-Dichloroethene	ND		0.022	mg/kg dry	09/15/2023	PB
1,1-Dichloroethane	ND		0.022	mg/kg dry	09/15/2023	PB
2,2-Dichloropropane	ND		0.037	mg/kg dry	09/15/2023	PB
cis-1,2-Dichloroethene	ND		0.022	mg/kg dry	09/15/2023	PB
Chloroform	ND		0.022	mg/kg dry	09/15/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.022	mg/kg dry	09/15/2023	PB
Carbon tetrachloride	ND		0.022	mg/kg dry	09/15/2023	PB
1,1-Dichloropropene	ND		0.022	mg/kg dry	09/15/2023	PB
1,2-Dichloroethane (EDC)	ND		0.022	mg/kg dry	09/15/2023	PB
Trichloroethene (SIM)	ND		0.015	mg/kg dry	09/15/2023	PB
1,2-Dichloropropane	ND		0.022	mg/kg dry	09/15/2023	PB
cis-1,3-Dichloropropene	ND		0.022	mg/kg dry	09/15/2023	PB
Trans-1,3-Dichloropropene	ND		0.022	mg/kg dry	09/15/2023	PB
1,1,2-Trichloroethane	ND		0.022	mg/kg dry	09/15/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	09/15/2023	PB
2-Chlorotoluene	ND		0.030	mg/kg dry	09/15/2023	PB
4-Chlorotoluene	ND		0.030	mg/kg dry	09/15/2023	PB
1,3-Dichlorobenzene	ND		0.030	mg/kg dry	09/15/2023	PB
1,4-Dichlorobenzene	ND		0.030	mg/kg dry	09/15/2023	PB
1,2-Dichlorobenzene	ND		0.030	mg/kg dry	09/15/2023	PB
Surrogate: Dibromofluoromethane	*118%*		*22.9-220*		*09/15/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*147%*		*32.2-196*		*09/15/2023*	*PB*
Surrogate: Toluene-d8	*99.8%*		*47.3-146*		*09/15/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*108%*		*38.4-136*		*09/15/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	14		0.50	%	09/18/2023	BW

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Sample Results (Continued)

Client Sample ID: CO-17 0-5ft

Lab ID: L23I056-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.043	mg/kg dry	09/15/2023	PB
Vinyl Chloride (SIM)	ND		0.014	mg/kg dry	09/15/2023	PB
Chloroethane	ND		0.043	mg/kg dry	09/15/2023	PB
1,1-Dichloroethene	ND		0.036	mg/kg dry	09/15/2023	PB
trans-1,2-Dichloroethene	ND		0.021	mg/kg dry	09/15/2023	PB
1,1-Dichloroethane	ND		0.021	mg/kg dry	09/15/2023	PB
2,2-Dichloropropane	ND		0.036	mg/kg dry	09/15/2023	PB
cis-1,2-Dichloroethene	ND		0.021	mg/kg dry	09/15/2023	PB
Chloroform	ND		0.021	mg/kg dry	09/15/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.021	mg/kg dry	09/15/2023	PB
Carbon tetrachloride	ND		0.021	mg/kg dry	09/15/2023	PB
1,1-Dichloropropene	ND		0.021	mg/kg dry	09/15/2023	PB
1,2-Dichloroethane (EDC)	ND		0.021	mg/kg dry	09/15/2023	PB
Trichloroethene (SIM)	ND		0.014	mg/kg dry	09/15/2023	PB
1,2-Dichloropropane	ND		0.021	mg/kg dry	09/15/2023	PB
cis-1,3-Dichloropropene	ND		0.021	mg/kg dry	09/15/2023	PB
Trans-1,3-Dichloropropene	ND		0.021	mg/kg dry	09/15/2023	PB
1,1,2-Trichloroethane	ND		0.021	mg/kg dry	09/15/2023	PB
Tetrachloroethene (SIM)	ND		0.014	mg/kg dry	09/15/2023	PB
2-Chlorotoluene	ND		0.029	mg/kg dry	09/15/2023	PB
4-Chlorotoluene	ND		0.029	mg/kg dry	09/15/2023	PB
1,3-Dichlorobenzene	ND		0.029	mg/kg dry	09/15/2023	PB
1,4-Dichlorobenzene	ND		0.029	mg/kg dry	09/15/2023	PB
1,2-Dichlorobenzene	ND		0.029	mg/kg dry	09/15/2023	PB
Surrogate: Dibromofluoromethane	*119%*		*22.9-220*		*09/15/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*145%*		*32.2-196*		*09/15/2023*	*PB*
Surrogate: Toluene-d8	*98.2%*		*47.3-146*		*09/15/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*102%*		*38.4-136*		*09/15/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	12		0.50	%	09/18/2023	BW

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Sample Results (Continued)

Client Sample ID: SS-60 8.5ft

Lab ID: L23I056-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.046	mg/kg dry	09/15/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	09/15/2023	PB
Chloroethane	ND		0.046	mg/kg dry	09/15/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	09/15/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	09/15/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	09/15/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	09/15/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	09/15/2023	PB
Chloroform	ND		0.023	mg/kg dry	09/15/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	09/15/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	09/15/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	09/15/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	09/15/2023	PB
Trichloroethene (SIM)	0.027		0.015	mg/kg dry	09/15/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	09/15/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	09/15/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	09/15/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	09/15/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	09/15/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	09/15/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	09/15/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	09/15/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	09/15/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	09/15/2023	PB
Surrogate: Dibromofluoromethane	*91.8%*		*22.9-220*		*09/15/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*148%*		*32.2-196*		*09/15/2023*	*PB*
Surrogate: Toluene-d8	*94.3%*		*47.3-146*		*09/15/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*100%*		*38.4-136*		*09/15/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	15		0.50	%	09/18/2023	BW

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Sample Results (Continued)

Client Sample ID: SS-61 14ft

Lab ID: L23I056-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	09/15/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/15/2023	PB
Chloroethane	ND		0.048	mg/kg dry	09/15/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	09/15/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/15/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/15/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	09/15/2023	PB
cis-1,2-Dichloroethene	0.028		0.024	mg/kg dry	09/15/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/15/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/15/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/15/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/15/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/15/2023	PB
Trichloroethene (TCE)	0.60		0.016	mg/kg dry	09/15/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/15/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/15/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/15/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/15/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/15/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	09/15/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	09/15/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	09/15/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	09/15/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	09/15/2023	PB
Surrogate: Dibromofluoromethane	*90.8%*		*22.9-220*		*09/15/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*148%*		*32.2-196*		*09/15/2023*	*PB*
Surrogate: Toluene-d8	*95.5%*		*47.3-146*		*09/15/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*101%*		*38.4-136*		*09/15/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	09/18/2023	BW

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Sample Results (Continued)

Client Sample ID: SS-62 18ft

Lab ID: L23I056-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	09/15/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	09/15/2023	PB
Chloroethane	ND		0.050	mg/kg dry	09/15/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	09/15/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/15/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	09/15/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	09/15/2023	PB
cis-1,2-Dichloroethene	0.12		0.025	mg/kg dry	09/15/2023	PB
Chloroform	ND		0.025	mg/kg dry	09/15/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	09/15/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	09/15/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	09/15/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	09/15/2023	PB
Trichloroethene (TCE)	31	E	0.017	mg/kg dry	09/15/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	09/15/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/15/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/15/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	09/15/2023	PB
Tetrachloroethene (SIM)	0.070		0.017	mg/kg dry	09/15/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	09/15/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	09/15/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	09/15/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	09/15/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	09/15/2023	PB
Surrogate: Dibromofluoromethane	*107%*		*22.9-220*		*09/15/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*142%*		*32.2-196*		*09/15/2023*	*PB*
Surrogate: Toluene-d8	*106%*		*47.3-146*		*09/15/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*100%*		*38.4-136*		*09/15/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	09/18/2023	BW

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23I056
Reported: 09/18/2023 16:17

Sample Results (Continued)

Client Sample ID: SS-63 18.5ft

Lab ID: L23I056-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	09/15/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/15/2023	PB
Chloroethane	ND		0.049	mg/kg dry	09/15/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	09/15/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/15/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/15/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	09/15/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/15/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/15/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/15/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/15/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/15/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/15/2023	PB
Trichloroethene (SIM)	0.022		0.016	mg/kg dry	09/15/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/15/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/15/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/15/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/15/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/15/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	09/15/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	09/15/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	09/15/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	09/15/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	09/15/2023	PB
Surrogate: Dibromofluoromethane	*86.8%*		*22.9-220*		*09/15/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*160%*		*32.2-196*		*09/15/2023*	*PB*
Surrogate: Toluene-d8	*95.6%*		*47.3-146*		*09/15/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*102%*		*38.4-136*		*09/15/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	09/18/2023	BW

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Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXI0089 - VOA										
Blank (BXI0089-BLK1)					Prepared & Analyzed: 9/15/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*23.8*	*ug/L*	*20.0*		*119*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.3*	*ug/L*	*20.0*		*146*	*32.2-196*		
Surrogate: Toluene-d8			*19.6*	*ug/L*	*20.0*		*97.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.7*	*ug/L*	*20.0*		*98.6*	*38.4-136*		
LCS (BXI0089-BS1)					Prepared & Analyzed: 9/15/2023					
Chloromethane	0.0968		0.030	mg/kg wet	0.125		77.4	10-205		
Vinyl Chloride (SIM)	0.0806		0.010	mg/kg wet	0.125		64.5	44.2-183		
Chloroethane	0.567	S3	0.030	mg/kg wet	0.125		454	12.4-218		
1,1-Dichloroethene	0.147		0.025	mg/kg wet	0.125		117	39.6-181		
trans-1,2-Dichloroethene	0.140		0.015	mg/kg wet	0.125		112	39.6-177		
1,1-Dichloroethane	0.138		0.015	mg/kg wet	0.125		110	24.1-182		
2,2-Dichloropropane	0.144		0.025	mg/kg wet	0.125		115	18.9-210		
cis-1,2-Dichloroethene	0.148		0.015	mg/kg wet	0.125		119	29.5-182		
Chloroform	0.144		0.015	mg/kg wet	0.125		115	53-168		
1,1,1-Trichloroethane (TCA)	0.139		0.015	mg/kg wet	0.125		111	10-228		
Carbon tetrachloride	0.133		0.015	mg/kg wet	0.125		106	44-185		
1,1-Dichloropropene	0.114		0.015	mg/kg wet	0.125		90.9	10-192		
1,2-Dichloroethane (EDC)	0.158		0.015	mg/kg wet	0.125		126	39.6-177		
Trichloroethene (SIM)	0.101		0.010	mg/kg wet	0.125		80.7	28.8-130		
1,2-Dichloropropane	0.136		0.015	mg/kg wet	0.125		109	43.7-140		
cis-1,3-Dichloropropene	0.115		0.015	mg/kg wet	0.125		92.3	38.5-134		
Trans-1,3-Dichloropropene	0.147		0.015	mg/kg wet	0.125		117	40.1-139		
1,1,2-Trichloroethane	0.157		0.015	mg/kg wet	0.125		125	42.7-171		
Tetrachloroethene (SIM)	0.100		0.010	mg/kg wet	0.125		80.0	30.4-159		
2-Chlorotoluene	0.119		0.020	mg/kg wet	0.125		95.3	35.8-131		

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Project: Sunset Commons

Project Manager: Thom Davis

City/State: Bellingham, WA
Work Order: L23I056
Reported: 09/18/2023 16:17

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXI0089-BS1)					Prepared & Analyzed: 9/15/2023					
4-Chlorotoluene	0.117		0.020	mg/kg wet	0.125		93.3	37-131		
1,3-Dichlorobenzene	0.122		0.020	mg/kg wet	0.125		97.8	46.9-154		
1,4-Dichlorobenzene	0.124		0.020	mg/kg wet	0.125		99.2	50.6-146		
1,2-Dichlorobenzene	0.125		0.020	mg/kg wet	0.125		99.6	44.3-151		
Surrogate: Dibromofluoromethane			*23.0*	*ug/L*	*20.0*		*115*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*28.1*	*ug/L*	*20.0*		*141*	*32.2-196*		
Surrogate: Toluene-d8			*20.3*	*ug/L*	*20.0*		*101*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*22.0*	*ug/L*	*20.0*		*110*	*38.4-136*		
Duplicate (BXI0089-DUP1)		**Parent: L23I056-01**			Prepared & Analyzed: 9/15/2023					
Chloromethane	ND		0.045	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry		ND				35
Chloroethane	ND		0.045	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.037	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.022	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.022	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.037	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.022	mg/kg dry		ND				35
Chloroform	ND		0.022	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.022	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.022	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.022	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.022	mg/kg dry		ND				35
Trichloroethene (SIM)	0.0438		0.015	mg/kg dry		0.0416			5.15	35
1,2-Dichloropropane	ND		0.022	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.022	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.022	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.022	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.030	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.030	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.030	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.030	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.030	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*23.8*	*ug/L*	*20.0*		*119*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.8*	*ug/L*	*20.0*		*149*	*32.2-196*		
Surrogate: Toluene-d8			*20.1*	*ug/L*	*20.0*		*100*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.3*	*ug/L*	*20.0*		*96.4*	*38.4-136*		

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Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXI0089-MS1)		**Parent: L23I056-01**			Prepared & Analyzed: 9/15/2023					
Chloromethane	0.105		0.045	mg/kg dry	0.145	ND	72.0	10-229		
Vinyl Chloride (SIM)	0.0844		0.015	mg/kg dry	0.145	ND	58.1	30.4-218		
Chloroethane	0.0457		0.045	mg/kg dry	0.145	ND	31.4	10-194		
1,1-Dichloroethene	0.0887		0.037	mg/kg dry	0.145	ND	61.0	44.2-190		
trans-1,2-Dichloroethene	0.106		0.022	mg/kg dry	0.145	ND	72.7	35.2-199		
1,1-Dichloroethane	0.0913		0.022	mg/kg dry	0.145	ND	62.8	10-236		
2,2-Dichloropropane	0.108		0.037	mg/kg dry	0.145	ND	74.0	22.7-204		
cis-1,2-Dichloroethene	0.117		0.022	mg/kg dry	0.145	ND	80.6	36.9-180		
Chloroform	0.106		0.022	mg/kg dry	0.145	ND	72.9	54.4-176		
1,1,1-Trichloroethane (TCA)	0.115		0.022	mg/kg dry	0.145	ND	79.4	25.1-198		
Carbon tetrachloride	0.103		0.022	mg/kg dry	0.145	ND	71.1	14-216		
1,1-Dichloropropene	0.126		0.022	mg/kg dry	0.145	ND	86.8	42.3-147		
1,2-Dichloroethane (EDC)	0.167		0.022	mg/kg dry	0.145	ND	115	40.9-190		
Trichloroethene (SIM)	0.183		0.015	mg/kg dry	0.145	0.0416	97.0	43-151		
1,2-Dichloropropane	0.136		0.022	mg/kg dry	0.145	ND	93.7	48.4-166		
cis-1,3-Dichloropropene	0.103		0.022	mg/kg dry	0.145	ND	71.0	10-200		
Trans-1,3-Dichloropropene	0.129		0.022	mg/kg dry	0.145	ND	89.0	31.6-146		
1,1,2-Trichloroethane	0.149		0.022	mg/kg dry	0.145	ND	102	37.6-187		
Tetrachloroethene (SIM)	0.0952		0.015	mg/kg dry	0.145	ND	65.5	48-141		
2-Chlorotoluene	0.110		0.030	mg/kg dry	0.145	ND	75.4	33.9-142		
4-Chlorotoluene	0.104		0.030	mg/kg dry	0.145	ND	71.7	15.2-163		
1,3-Dichlorobenzene	0.120		0.030	mg/kg dry	0.145	ND	82.5	49.8-152		
1,4-Dichlorobenzene	0.124		0.030	mg/kg dry	0.145	ND	85.1	52.9-141		
1,2-Dichlorobenzene	0.119		0.030	mg/kg dry	0.145	ND	82.1	45.2-158		
Surrogate: Dibromofluoromethane			*18.4*	*ug/L*	*20.0*		*91.8*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.2*	*ug/L*	*20.0*		*146*	*32.2-196*		
Surrogate: Toluene-d8			*19.6*	*ug/L*	*20.0*		*97.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*22.4*	*ug/L*	*20.0*		*112*	*38.4-136*		
Matrix Spike Dup (BXI0089-MSD1)		**Parent: L23I056-01**			Prepared & Analyzed: 9/15/2023					
Chloromethane	0.143		0.045	mg/kg dry	0.145	ND	98.2	10-229	30.8	35
Vinyl Chloride (SIM)	0.120		0.015	mg/kg dry	0.145	ND	82.4	30.4-218	34.6	35
Chloroethane	0.0361		0.045	mg/kg dry	0.145	ND	24.8	10-194	23.4	35
1,1-Dichloroethene	0.116		0.037	mg/kg dry	0.145	ND	79.8	44.2-190	26.7	35
trans-1,2-Dichloroethene	0.141		0.022	mg/kg dry	0.145	ND	96.7	35.2-199	28.3	35
1,1-Dichloroethane	0.118		0.022	mg/kg dry	0.145	ND	81.5	10-236	25.9	35
2,2-Dichloropropane	0.150		0.037	mg/kg dry	0.145	ND	103	22.7-204	32.7	35
cis-1,2-Dichloroethene	0.150		0.022	mg/kg dry	0.145	ND	103	36.9-180	24.3	35
Chloroform	0.152	R	0.022	mg/kg dry	0.145	ND	104	54.4-176	35.5	35
1,1,1-Trichloroethane (TCA)	0.153		0.022	mg/kg dry	0.145	ND	105	25.1-198	28.1	35
Carbon tetrachloride	0.155	R	0.022	mg/kg dry	0.145	ND	106	14-216	39.9	35
1,1-Dichloropropene	0.138		0.022	mg/kg dry	0.145	ND	95.0	42.3-147	9.01	35
1,2-Dichloroethane (EDC)	0.237		0.022	mg/kg dry	0.145	ND	163	40.9-190	34.3	35
Trichloroethene (SIM)	0.224		0.015	mg/kg dry	0.145	0.0416	126	43-151	20.5	35
1,2-Dichloropropane	0.198	R	0.022	mg/kg dry	0.145	ND	136	48.4-166	36.9	35
cis-1,3-Dichloropropene	0.153	R	0.022	mg/kg dry	0.145	ND	105	10-200	38.9	35
Trans-1,3-Dichloropropene	0.177		0.022	mg/kg dry	0.145	ND	122	31.6-146	31.2	35
1,1,2-Trichloroethane	0.226	R	0.022	mg/kg dry	0.145	ND	156	37.6-187	41.3	35
Tetrachloroethene (SIM)	0.133		0.015	mg/kg dry	0.145	ND	91.5	48-141	33.2	35
2-Chlorotoluene	0.160	R	0.030	mg/kg dry	0.145	ND	110	33.9-142	37.2	35
4-Chlorotoluene	0.155	R	0.030	mg/kg dry	0.145	ND	107	15.2-163	39.3	35
1,3-Dichlorobenzene	0.171	R	0.030	mg/kg dry	0.145	ND	118	49.8-152	35.4	35

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Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXI0089-MSD1)		**Parent: L23I056-01**			Prepared & Analyzed: 9/15/2023					
1,4-Dichlorobenzene	0.176		0.030	mg/kg dry	0.145	ND	121	52.9-141	35.0	35
1,2-Dichlorobenzene	0.167		0.030	mg/kg dry	0.145	ND	115	45.2-158	33.5	35
Surrogate: Dibromofluoromethane			*18.6*	*ug/L*	*20.0*		*93.0*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*28.9*	*ug/L*	*20.0*		*144*	*32.2-196*		
Surrogate: Toluene-d8			*20.0*	*ug/L*	*20.0*		*99.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*22.2*	*ug/L*	*20.0*		*111*	*38.4-136*		

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Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXI0096 - Gen Chem										
LCS (BXI0096-BS1)					Prepared: 9/15/2023 Analyzed: 9/18/2023					
Moisture	18			%	17.0		106	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

Phone (360) 352-2110 • libbyenv@gmail.com

September 18, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23I060

Enclosed are the results of analyses for samples received by our laboratory on 9/16/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

L231060 BN10047

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Date: 9/16/23 Page: 1 of 1

Client: Whatcom Environmental
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Project Manager: Aimee Pennell
Project Name: Sunset Commons
Location: City, State: Bellingham, WA
Collector: Thom Davis Date of Collection: 9/16/23
Email:

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 CVOC	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1 SS-64 8.5ft		915A			X														
2 SS-65 14ft		930A			X														
3 SS-66 22.25ft		1025A			X														
4 SS-67 14ft		1155			X														
5 SS-68 14ft		1345			X														
6																			
7																			
8																			
9																			
10																			
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14																			
15																			
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17																			

Relinquished by:	Date / Time	Received by:	Date / Time
			9/16/23
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:
ML

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23I060 **Reported:** 09/18/2023 16:27

Notes and Definitions

Item	Definition
R	High Relative Percent Difference observed.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23I060-01	SS-64 8.5ft	Soil	09/16/2023	09/16/2023
L23I060-02	SS-65 14ft	Soil	09/16/2023	09/16/2023
L23I060-03	SS-66 22.25ft	Soil	09/16/2023	09/16/2023
L23I060-04	SS-67 14ft	Soil	09/16/2023	09/16/2023
L23I060-05	SS-68 14ft	Soil	09/16/2023	09/16/2023

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Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23I060 **Reported:** 09/18/2023 16:27

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-65 14ft**			Lab#: L23I060-02		
cis-1,2-Dichloroethene	0.048		mg/kg dry	0.024	8260D
Trichloroethene	0.063		mg/kg dry	0.016	8260D
Sample: **SS-66 22.25ft**			Lab#: L23I060-03		
Trichloroethene	0.024		mg/kg dry	0.017	8260D
Sample: **SS-67 14ft**			Lab#: L23I060-04		
Trichloroethene	0.030		mg/kg dry	0.016	8260D
Sample: **SS-68 14ft**			Lab#: L23I060-05		
Trichloroethene	0.037		mg/kg dry	0.017	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I060
Reported: 09/18/2023 16:27

Sample Results

Client Sample ID: SS-64 8.5ft

Lab ID: L23I060-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	09/16/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/16/2023	PB
Chloroethane	ND		0.047	mg/kg dry	09/16/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	09/16/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	09/16/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	09/16/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	09/16/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	09/16/2023	PB
Chloroform	ND		0.023	mg/kg dry	09/16/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	09/16/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	09/16/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	09/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	09/16/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	09/16/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	09/16/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	09/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	09/16/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	09/16/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/16/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	09/16/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	09/16/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	09/16/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	09/16/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	09/16/2023	PB
Surrogate: Dibromofluoromethane	*118%*		*22.9-220*		*09/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*144%*		*32.2-196*		*09/16/2023*	*PB*
Surrogate: Toluene-d8	*98.4%*		*47.3-146*		*09/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*95.8%*		*38.4-136*		*09/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	09/18/2023	BW

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I060
Reported: 09/18/2023 16:27

Sample Results (Continued)

Client Sample ID: SS-65 14ft

Lab ID: L23I060-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	09/16/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/16/2023	PB
Chloroethane	ND		0.048	mg/kg dry	09/16/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	09/16/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/16/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/16/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	09/16/2023	PB
cis-1,2-Dichloroethene	0.048		0.024	mg/kg dry	09/16/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/16/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/16/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/16/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/16/2023	PB
Trichloroethene (SIM)	0.063		0.016	mg/kg dry	09/16/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/16/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/16/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/16/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/16/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	09/16/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	09/16/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	09/16/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	09/16/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	09/16/2023	PB
Surrogate: Dibromofluoromethane	*115%*		*22.9-220*		*09/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*138%*		*32.2-196*		*09/16/2023*	*PB*
Surrogate: Toluene-d8	*97.3%*		*47.3-146*		*09/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*93.8%*		*38.4-136*		*09/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	09/18/2023	BW

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I060
Reported: 09/18/2023 16:27

Sample Results (Continued)

Client Sample ID: SS-66 22.25ft

Lab ID: L23I060-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	09/16/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	09/16/2023	PB
Chloroethane	ND		0.050	mg/kg dry	09/16/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	09/16/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/16/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	09/16/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	09/16/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/16/2023	PB
Chloroform	ND		0.025	mg/kg dry	09/16/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	09/16/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	09/16/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	09/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	09/16/2023	PB
Trichloroethene (SIM)	0.024		0.017	mg/kg dry	09/16/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	09/16/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/16/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	09/16/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	09/16/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	09/16/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	09/16/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	09/16/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	09/16/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	09/16/2023	PB
Surrogate: Dibromofluoromethane	*115%*		*22.9-220*		*09/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*141%*		*32.2-196*		*09/16/2023*	*PB*
Surrogate: Toluene-d8	*101%*		*47.3-146*		*09/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*97.6%*		*38.4-136*		*09/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	09/18/2023	BW

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I060
Reported: 09/18/2023 16:27

Sample Results (Continued)

Client Sample ID: SS-67 14ft

Lab ID: L23I060-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	09/16/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/16/2023	PB
Chloroethane	ND		0.048	mg/kg dry	09/16/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	09/16/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/16/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/16/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	09/16/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/16/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/16/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/16/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/16/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/16/2023	PB
Trichloroethene (SIM)	0.030		0.016	mg/kg dry	09/16/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/16/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/16/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/16/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/16/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	09/16/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	09/16/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	09/16/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	09/16/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	09/16/2023	PB
Surrogate: Dibromofluoromethane	*113%*		*22.9-220*		*09/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*128%*		*32.2-196*		*09/16/2023*	*PB*
Surrogate: Toluene-d8	*101%*		*47.3-146*		*09/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*95.6%*		*38.4-136*		*09/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	09/18/2023	BW

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I060
Reported: 09/18/2023 16:27

Sample Results (Continued)

Client Sample ID: SS-68 14ft

Lab ID: L23I060-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.052	mg/kg dry	09/16/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	09/16/2023	PB
Chloroethane	ND		0.052	mg/kg dry	09/16/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	09/16/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	09/16/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	09/16/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	09/16/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	09/16/2023	PB
Chloroform	ND		0.026	mg/kg dry	09/16/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	09/16/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	09/16/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	09/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	09/16/2023	PB
Trichloroethene (SIM)	0.037		0.017	mg/kg dry	09/16/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	09/16/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	09/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	09/16/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	09/16/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	09/16/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	09/16/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	09/16/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	09/16/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	09/16/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	09/16/2023	PB
Surrogate: Dibromofluoromethane	*80.4%*		*22.9-220*		*09/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*147%*		*32.2-196*		*09/16/2023*	*PB*
Surrogate: Toluene-d8	*94.4%*		*47.3-146*		*09/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*102%*		*38.4-136*		*09/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	09/18/2023	BW

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I060
Reported: 09/18/2023 16:27

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXI0097 - VOA										
Blank (BXI0097-BLK1)					Prepared & Analyzed: 9/16/2023					
Chloromethane	ND		0.00060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.00020	mg/kg wet						
Chloroethane	ND		0.00060	mg/kg wet						
1,1-Dichloroethene	ND		0.00050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.00030	mg/kg wet						
1,1-Dichloroethane	ND		0.00030	mg/kg wet						
2,2-Dichloropropane	ND		0.00050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.00030	mg/kg wet						
Chloroform	ND		0.00030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.00030	mg/kg wet						
Carbon tetrachloride	ND		0.00030	mg/kg wet						
1,1-Dichloropropene	ND		0.00030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.00030	mg/kg wet						
Trichloroethene (SIM)	ND		0.00020	mg/kg wet						
1,2-Dichloropropane	ND		0.00030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.00030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.00030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.00030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.00020	mg/kg wet						
2-Chlorotoluene	ND		0.00040	mg/kg wet						
4-Chlorotoluene	ND		0.00040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.00040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.00040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.00040	mg/kg wet						
Surrogate: Dibromofluoromethane			*23.6*	*ug/L*	*20.0*		*118*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.5*	*ug/L*	*20.0*		*147*	*32.2-196*		
Surrogate: Toluene-d8			*19.6*	*ug/L*	*20.0*		*98.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.0*	*ug/L*	*20.0*		*94.9*	*38.4-136*		
Matrix Spike (BXI0097-MS1)		**Parent: L23I060-01**			Prepared & Analyzed: 9/16/2023					
Chloromethane	0.101		0.047	mg/kg dry	0.148	ND	68.3	10-229		
Vinyl Chloride (SIM)	0.0895		0.016	mg/kg dry	0.148	ND	60.3	30.4-218		
Chloroethane	0.0440		0.047	mg/kg dry	0.148	ND	29.6	10-194		
1,1-Dichloroethene	0.153		0.039	mg/kg dry	0.148	ND	103	44.2-190		
trans-1,2-Dichloroethene	0.149		0.023	mg/kg dry	0.148	ND	101	35.2-199		
1,1-Dichloroethane	0.211		0.023	mg/kg dry	0.148	ND	142	10-236		
2,2-Dichloropropane	0.161		0.039	mg/kg dry	0.148	ND	109	22.7-204		
cis-1,2-Dichloroethene	0.167		0.023	mg/kg dry	0.148	ND	113	36.9-180		
Chloroform	0.177		0.023	mg/kg dry	0.148	ND	119	54.4-176		
1,1,1-Trichloroethane (TCA)	0.158		0.023	mg/kg dry	0.148	ND	106	25.1-198		
Carbon tetrachloride	0.171		0.023	mg/kg dry	0.148	ND	115	14-216		
1,1-Dichloropropene	0.121		0.023	mg/kg dry	0.148	ND	81.2	42.3-147		
1,2-Dichloroethane (EDC)	0.185		0.023	mg/kg dry	0.148	ND	124	40.9-190		
Trichloroethene (SIM)	0.124		0.016	mg/kg dry	0.148	0.00293	81.6	43-151		
1,2-Dichloropropane	0.171		0.023	mg/kg dry	0.148	ND	115	48.4-166		
cis-1,3-Dichloropropene	0.122		0.023	mg/kg dry	0.148	ND	82.4	10-200		
Trans-1,3-Dichloropropene	0.147		0.023	mg/kg dry	0.148	ND	99.3	31.6-146		
1,1,2-Trichloroethane	0.174		0.023	mg/kg dry	0.148	ND	117	37.6-187		
Tetrachloroethene (SIM)	0.115		0.016	mg/kg dry	0.148	ND	77.4	48-141		
2-Chlorotoluene	0.129		0.031	mg/kg dry	0.148	ND	87.0	33.9-142		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I060
Reported: 09/18/2023 16:27

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXI0097-MS1)		**Parent: L23I060-01**			Prepared & Analyzed: 9/16/2023					
4-Chlorotoluene	0.132		0.031	mg/kg dry	0.148	ND	88.7	15.2-163		
1,3-Dichlorobenzene	0.147		0.031	mg/kg dry	0.148	ND	98.9	49.8-152		
1,4-Dichlorobenzene	0.149		0.031	mg/kg dry	0.148	ND	101	52.9-141		
1,2-Dichlorobenzene	0.144		0.031	mg/kg dry	0.148	ND	96.8	45.2-158		
Surrogate: Dibromofluoromethane			*23.2*	*ug/L*	*20.0*		*116*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*27.3*	*ug/L*	*20.0*		*136*	*32.2-196*		
Surrogate: Toluene-d8			*20.2*	*ug/L*	*20.0*		*101*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.6*	*ug/L*	*20.0*		*108*	*38.4-136*		
Matrix Spike Dup (BXI0097-MSD1)		**Parent: L23I060-01**			Prepared & Analyzed: 9/16/2023					
Chloromethane	0.134		0.047	mg/kg dry	0.148	ND	90.5	10-229	27.9	35
Vinyl Chloride (SIM)	0.117		0.016	mg/kg dry	0.148	ND	79.1	30.4-218	27.1	35
Chloroethane	0.0505		0.047	mg/kg dry	0.148	ND	34.0	10-194	13.9	35
1,1-Dichloroethene	0.124		0.039	mg/kg dry	0.148	ND	83.3	44.2-190	21.4	35
trans-1,2-Dichloroethene	0.146		0.023	mg/kg dry	0.148	ND	98.2	35.2-199	2.44	35
1,1-Dichloroethane	0.138	R	0.023	mg/kg dry	0.148	ND	92.8	10-236	41.9	35
2,2-Dichloropropane	0.215		0.039	mg/kg dry	0.148	ND	145	22.7-204	28.4	35
cis-1,2-Dichloroethene	0.235		0.023	mg/kg dry	0.148	ND	158	36.9-180	33.4	35
Chloroform	0.239		0.023	mg/kg dry	0.148	ND	161	54.4-176	29.9	35
1,1,1-Trichloroethane (TCA)	0.209		0.023	mg/kg dry	0.148	ND	141	25.1-198	28.0	35
Carbon tetrachloride	0.206		0.023	mg/kg dry	0.148	ND	139	14-216	18.6	35
1,1-Dichloropropene	0.164		0.023	mg/kg dry	0.148	ND	111	42.3-147	30.6	35
1,2-Dichloroethane (EDC)	0.259		0.023	mg/kg dry	0.148	ND	174	40.9-190	33.4	35
Trichloroethene (SIM)	0.161		0.016	mg/kg dry	0.148	0.00293	106	43-151	25.8	35
1,2-Dichloropropane	0.227		0.023	mg/kg dry	0.148	ND	153	48.4-166	28.5	35
cis-1,3-Dichloropropene	0.169		0.023	mg/kg dry	0.148	ND	114	10-200	32.0	35
Trans-1,3-Dichloropropene	0.192		0.023	mg/kg dry	0.148	ND	129	31.6-146	26.1	35
1,1,2-Trichloroethane	0.240		0.023	mg/kg dry	0.148	ND	162	37.6-187	32.1	35
Tetrachloroethene (SIM)	0.145		0.016	mg/kg dry	0.148	ND	98.0	48-141	23.5	35
2-Chlorotoluene	0.178		0.031	mg/kg dry	0.148	ND	120	33.9-142	31.9	35
4-Chlorotoluene	0.176		0.031	mg/kg dry	0.148	ND	119	15.2-163	29.0	35
1,3-Dichlorobenzene	0.197		0.031	mg/kg dry	0.148	ND	133	49.8-152	29.3	35
1,4-Dichlorobenzene	0.197		0.031	mg/kg dry	0.148	ND	133	52.9-141	27.4	35
1,2-Dichlorobenzene	0.192		0.031	mg/kg dry	0.148	ND	129	45.2-158	28.7	35
Surrogate: Dibromofluoromethane			*22.8*	*ug/L*	*20.0*		*114*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*28.0*	*ug/L*	*20.0*		*140*	*32.2-196*		
Surrogate: Toluene-d8			*19.8*	*ug/L*	*20.0*		*99.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.3*	*ug/L*	*20.0*		*107*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I060
Reported: 09/18/2023 16:27

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXI0098 - Gen Chem										
LCS (BXI0098-BS1)					Prepared: 9/17/2023 Analyzed: 9/18/2023					
Moisture	18			%	17.0		105	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

September 26, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23I062

Enclosed are the results of analyses for samples received by our laboratory on 9/18/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Page 2 of 21

Date: 9/18/23 Page: 1 of 1

Client: Whatcom Env. Project Manager: Aimee Pennell

Address: Project Name: Sunset Commons

City: State: Zip: Location: City, State: Bellingham, WA

Phone: Fax: Collector: ~~Ba~~ Thom Davis Date of Collection: 9/18/23

Client Project # Email:

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270				Field Notes
1	CO-18 0-5ft		1100			X															
SD	2	CO-19 0-5ft		1110			X															
	3	SS-69 20.5ft		1310			X															
	4	SS-70 8.5ft		1320			X															
	5	SS-71 14ft		1330			X															
	6	SS-72 19ft		1345			X															
	7	SS-73 8.5ft		1415			X															
	8	SS-74 14ft		1420			X															
	9	CO-20 0-5ft		1115			X															
D	10	CO-21 0-5ft		1120			X															
	11	CO-22 0-5ft		1125			X															
	12	CO-23 0-5ft		1130			X															
	13																					
	14																					
	15																					
	16																					
	17																					

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	9/18/23 1615	[signature]	9/18/23 16:15
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23I062 **Reported:** 09/26/2023 11:54

Notes and Definitions

Item	Definition
R	High Relative Percent Difference observed.
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23I062-01	CO-18 0-5ft	Soil	09/18/2023	09/18/2023
L23I062-02	CO-19 0-5ft	Soil	09/18/2023	09/18/2023
L23I062-03	SS-69 20.5ft	Soil	09/18/2023	09/18/2023
L23I062-04	SS-70 8.5ft	Soil	09/18/2023	09/18/2023
L23I062-05	SS-71 14ft	Soil	09/18/2023	09/18/2023
L23I062-06	SS-72 19ft	Soil	09/18/2023	09/18/2023
L23I062-07	SS-73 8.5ft	Soil	09/18/2023	09/18/2023
L23I062-08	SS-74 14ft	Soil	09/18/2023	09/18/2023
L23I062-09	CO-20 0-5ft	Soil	09/18/2023	09/18/2023
L23I062-10	CO-21 0-5ft	Soil	09/18/2023	09/18/2023
L23I062-11	CO-22 0-5ft	Soil	09/18/2023	09/18/2023
L23I062-12	CO-23 0-5ft	Soil	09/18/2023	09/18/2023

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Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23I062 **Reported:** 09/26/2023 11:54

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **CO-19 0-5ft**			Lab#: L23I062-02		
Trichloroethene	0.023		mg/kg dry	0.016	8260D
Sample: **CO-20 0-5ft**			Lab#: L23I062-09		
Vinyl Chloride	0.017		mg/kg dry	0.016	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I062
Reported: 09/26/2023 11:54

Sample Results

Client Sample ID: CO-18 0-5ft

Lab ID: L23I062-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.046	mg/kg dry	09/18/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	09/18/2023	PB
Chloroethane	ND		0.046	mg/kg dry	09/18/2023	PB
1,1-Dichloroethene	ND		0.038	mg/kg dry	09/18/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	09/18/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	09/18/2023	PB
2,2-Dichloropropane	ND		0.038	mg/kg dry	09/18/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	09/18/2023	PB
Chloroform	ND		0.023	mg/kg dry	09/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	09/18/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	09/18/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	09/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	09/18/2023	PB
Trichloroethene (SIM)	ND		0.015	mg/kg dry	09/18/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	09/18/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	09/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	09/18/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	09/18/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	09/18/2023	PB
2-Chlorotoluene	ND		0.030	mg/kg dry	09/18/2023	PB
4-Chlorotoluene	ND		0.030	mg/kg dry	09/18/2023	PB
1,3-Dichlorobenzene	ND		0.030	mg/kg dry	09/18/2023	PB
1,4-Dichlorobenzene	ND		0.030	mg/kg dry	09/18/2023	PB
1,2-Dichlorobenzene	ND		0.030	mg/kg dry	09/18/2023	PB
Surrogate: Dibromofluoromethane	*116%*		*22.9-220*		*09/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*142%*		*32.2-196*		*09/18/2023*	*PB*
Surrogate: Toluene-d8	*98.4%*		*47.3-146*		*09/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*98.3%*		*38.4-136*		*09/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	15		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I062
Reported: 09/26/2023 11:54

Sample Results (Continued)

Client Sample ID: CO-19 0-5ft

Lab ID: L23I062-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	09/18/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/18/2023	PB
Chloroethane	ND		0.048	mg/kg dry	09/18/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	09/18/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/18/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/18/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	09/18/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/18/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/18/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/18/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/18/2023	PB
Trichloroethene (SIM)	0.023		0.016	mg/kg dry	09/18/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/18/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/18/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/18/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	09/18/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	09/18/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
Surrogate: Dibromofluoromethane	*117%*		*22.9-220*		*09/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*145%*		*32.2-196*		*09/18/2023*	*PB*
Surrogate: Toluene-d8	*98.9%*		*47.3-146*		*09/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*96.0%*		*38.4-136*		*09/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I062
Reported: 09/26/2023 11:54

Sample Results (Continued)

Client Sample ID: SS-69 20.5ft

Lab ID: L23I062-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.052	mg/kg dry	09/18/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	09/18/2023	PB
Chloroethane	ND		0.052	mg/kg dry	09/18/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	09/18/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	09/18/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	09/18/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	09/18/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	09/18/2023	PB
Chloroform	ND		0.026	mg/kg dry	09/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	09/18/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	09/18/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	09/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	09/18/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	09/18/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	09/18/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	09/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	09/18/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	09/18/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	09/18/2023	PB
2-Chlorotoluene	ND		0.035	mg/kg dry	09/18/2023	PB
4-Chlorotoluene	ND		0.035	mg/kg dry	09/18/2023	PB
1,3-Dichlorobenzene	ND		0.035	mg/kg dry	09/18/2023	PB
1,4-Dichlorobenzene	ND		0.035	mg/kg dry	09/18/2023	PB
1,2-Dichlorobenzene	ND		0.035	mg/kg dry	09/18/2023	PB
Surrogate: Dibromofluoromethane	*114%*		*22.9-220*		*09/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*140%*		*32.2-196*		*09/18/2023*	*PB*
Surrogate: Toluene-d8	*96.9%*		*47.3-146*		*09/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*97.0%*		*38.4-136*		*09/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	20		0.50	%	09/22/2023	SG

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety.

Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I062
Reported: 09/26/2023 11:54

Sample Results (Continued)

Client Sample ID: SS-70 8.5ft

Lab ID: L23I062-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	09/18/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/18/2023	PB
Chloroethane	ND		0.047	mg/kg dry	09/18/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	09/18/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/18/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/18/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	09/18/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/18/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/18/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/18/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/18/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	09/18/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/18/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/18/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/18/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	09/18/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	09/18/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
Surrogate: Dibromofluoromethane	*115%*		*22.9-220*		*09/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*141%*		*32.2-196*		*09/18/2023*	*PB*
Surrogate: Toluene-d8	*98.6%*		*47.3-146*		*09/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*98.4%*		*38.4-136*		*09/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I062
Reported: 09/26/2023 11:54

Sample Results (Continued)

Client Sample ID: SS-71 14ft

Lab ID: L23I062-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	09/18/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/18/2023	PB
Chloroethane	ND		0.048	mg/kg dry	09/18/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	09/18/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/18/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/18/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	09/18/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/18/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/18/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/18/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/18/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	09/18/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/18/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/18/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/18/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	09/18/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	09/18/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
Surrogate: Dibromofluoromethane	*115%*		*22.9-220*		*09/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*138%*		*32.2-196*		*09/18/2023*	*PB*
Surrogate: Toluene-d8	*99.7%*		*47.3-146*		*09/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*95.8%*		*38.4-136*		*09/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I062
Reported: 09/26/2023 11:54

Sample Results (Continued)

Client Sample ID: SS-72 19ft

Lab ID: L23I062-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	09/18/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	09/18/2023	PB
Chloroethane	ND		0.050	mg/kg dry	09/18/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	09/18/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/18/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	09/18/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	09/18/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/18/2023	PB
Chloroform	ND		0.025	mg/kg dry	09/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	09/18/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	09/18/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	09/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	09/18/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	09/18/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	09/18/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/18/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	09/18/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	09/18/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	09/18/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	09/18/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	09/18/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	09/18/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	09/18/2023	PB
Surrogate: Dibromofluoromethane	*114%*		*22.9-220*		*09/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*137%*		*32.2-196*		*09/18/2023*	*PB*
Surrogate: Toluene-d8	*99.4%*		*47.3-146*		*09/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*95.6%*		*38.4-136*		*09/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	09/22/2023	SG

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Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I062
Reported: 09/26/2023 11:54

Sample Results (Continued)

Client Sample ID: SS-73 8.5ft

Lab ID: L23I062-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	09/18/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/18/2023	PB
Chloroethane	ND		0.048	mg/kg dry	09/18/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	09/18/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/18/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/18/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	09/18/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/18/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/18/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/18/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/18/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	09/18/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/18/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/18/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/18/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	09/18/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	09/18/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
Surrogate: Dibromofluoromethane	*113%*		*22.9-220*		*09/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*139%*		*32.2-196*		*09/18/2023*	*PB*
Surrogate: Toluene-d8	*98.8%*		*47.3-146*		*09/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*96.8%*		*38.4-136*		*09/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I062
Reported: 09/26/2023 11:54

Sample Results (Continued)

Client Sample ID: SS-74 14ft

Lab ID: L23I062-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	09/18/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	09/18/2023	PB
Chloroethane	ND		0.051	mg/kg dry	09/18/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	09/18/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	09/18/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	09/18/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	09/18/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	09/18/2023	PB
Chloroform	ND		0.026	mg/kg dry	09/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	09/18/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	09/18/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	09/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	09/18/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	09/18/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	09/18/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	09/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	09/18/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	09/18/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	09/18/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	09/18/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	09/18/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	09/18/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	09/18/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	09/18/2023	PB
Surrogate: Dibromofluoromethane	*113%*		*22.9-220*		*09/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*137%*		*32.2-196*		*09/18/2023*	*PB*
Surrogate: Toluene-d8	*97.6%*		*47.3-146*		*09/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*97.5%*		*38.4-136*		*09/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	09/22/2023	SG

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Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I062
Reported: 09/26/2023 11:54

Sample Results (Continued)

Client Sample ID: CO-20 0-5ft

Lab ID: L23I062-09 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	09/18/2023	PB
Vinyl Chloride (SIM)	0.017		0.016	mg/kg dry	09/18/2023	PB
Chloroethane	ND		0.048	mg/kg dry	09/18/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	09/18/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/18/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/18/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	09/18/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/18/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/18/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/18/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/18/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	09/18/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/18/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/18/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/18/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	09/18/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	09/18/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
Surrogate: Dibromofluoromethane	*116%*		*22.9-220*		*09/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*142%*		*32.2-196*		*09/18/2023*	*PB*
Surrogate: Toluene-d8	*98.3%*		*47.3-146*		*09/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*100%*		*38.4-136*		*09/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	09/22/2023	SG

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Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I062
Reported: 09/26/2023 11:54

Sample Results (Continued)

Client Sample ID: CO-21 0-5ft

Lab ID: L23I062-10 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	09/18/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/18/2023	PB
Chloroethane	ND		0.048	mg/kg dry	09/18/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	09/18/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/18/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/18/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	09/18/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/18/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/18/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/18/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/18/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	09/18/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/18/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/18/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/18/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/18/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	09/18/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	09/18/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	09/18/2023	PB
Surrogate: Dibromofluoromethane	*113%*		*22.9-220*		*09/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*137%*		*32.2-196*		*09/18/2023*	*PB*
Surrogate: Toluene-d8	*95.4%*		*47.3-146*		*09/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*99.1%*		*38.4-136*		*09/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	09/22/2023	SG

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Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I062
Reported: 09/26/2023 11:54

Sample Results (Continued)

Client Sample ID: CO-22 0-5ft

Lab ID: L23I062-11 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.045	mg/kg dry	09/18/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	09/18/2023	PB
Chloroethane	ND		0.045	mg/kg dry	09/18/2023	PB
1,1-Dichloroethene	ND		0.037	mg/kg dry	09/18/2023	PB
trans-1,2-Dichloroethene	ND		0.022	mg/kg dry	09/18/2023	PB
1,1-Dichloroethane	ND		0.022	mg/kg dry	09/18/2023	PB
2,2-Dichloropropane	ND		0.037	mg/kg dry	09/18/2023	PB
cis-1,2-Dichloroethene	ND		0.022	mg/kg dry	09/18/2023	PB
Chloroform	ND		0.022	mg/kg dry	09/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.022	mg/kg dry	09/18/2023	PB
Carbon tetrachloride	ND		0.022	mg/kg dry	09/18/2023	PB
1,1-Dichloropropene	ND		0.022	mg/kg dry	09/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.022	mg/kg dry	09/18/2023	PB
Trichloroethene (SIM)	ND		0.015	mg/kg dry	09/18/2023	PB
1,2-Dichloropropane	ND		0.022	mg/kg dry	09/18/2023	PB
cis-1,3-Dichloropropene	ND		0.022	mg/kg dry	09/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.022	mg/kg dry	09/18/2023	PB
1,1,2-Trichloroethane	ND		0.022	mg/kg dry	09/18/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	09/18/2023	PB
2-Chlorotoluene	ND		0.030	mg/kg dry	09/18/2023	PB
4-Chlorotoluene	ND		0.030	mg/kg dry	09/18/2023	PB
1,3-Dichlorobenzene	ND		0.030	mg/kg dry	09/18/2023	PB
1,4-Dichlorobenzene	ND		0.030	mg/kg dry	09/18/2023	PB
1,2-Dichlorobenzene	ND		0.030	mg/kg dry	09/18/2023	PB
Surrogate: Dibromofluoromethane	*116%*		*22.9-220*		*09/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*143%*		*32.2-196*		*09/18/2023*	*PB*
Surrogate: Toluene-d8	*97.2%*		*47.3-146*		*09/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*105%*		*38.4-136*		*09/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	14		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I062
Reported: 09/26/2023 11:54

Sample Results (Continued)

Client Sample ID: CO-23 0-5ft

Lab ID: L23I062-12 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.041	mg/kg dry	09/18/2023	PB
Vinyl Chloride (SIM)	ND		0.014	mg/kg dry	09/18/2023	PB
Chloroethane	ND		0.041	mg/kg dry	09/18/2023	PB
1,1-Dichloroethene	ND		0.034	mg/kg dry	09/18/2023	PB
trans-1,2-Dichloroethene	ND		0.021	mg/kg dry	09/18/2023	PB
1,1-Dichloroethane	ND		0.021	mg/kg dry	09/18/2023	PB
2,2-Dichloropropane	ND		0.034	mg/kg dry	09/18/2023	PB
cis-1,2-Dichloroethene	ND		0.021	mg/kg dry	09/18/2023	PB
Chloroform	ND		0.021	mg/kg dry	09/18/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.021	mg/kg dry	09/18/2023	PB
Carbon tetrachloride	ND		0.021	mg/kg dry	09/18/2023	PB
1,1-Dichloropropene	ND		0.021	mg/kg dry	09/18/2023	PB
1,2-Dichloroethane (EDC)	ND		0.021	mg/kg dry	09/18/2023	PB
Trichloroethene (SIM)	ND		0.014	mg/kg dry	09/18/2023	PB
1,2-Dichloropropane	ND		0.021	mg/kg dry	09/18/2023	PB
cis-1,3-Dichloropropene	ND		0.021	mg/kg dry	09/18/2023	PB
Trans-1,3-Dichloropropene	ND		0.021	mg/kg dry	09/18/2023	PB
1,1,2-Trichloroethane	ND		0.021	mg/kg dry	09/18/2023	PB
Tetrachloroethene (SIM)	ND		0.014	mg/kg dry	09/18/2023	PB
2-Chlorotoluene	ND		0.027	mg/kg dry	09/18/2023	PB
4-Chlorotoluene	ND		0.027	mg/kg dry	09/18/2023	PB
1,3-Dichlorobenzene	ND		0.027	mg/kg dry	09/18/2023	PB
1,4-Dichlorobenzene	ND		0.027	mg/kg dry	09/18/2023	PB
1,2-Dichlorobenzene	ND		0.027	mg/kg dry	09/18/2023	PB
Surrogate: Dibromofluoromethane	*116%*		*22.9-220*		*09/18/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*139%*		*32.2-196*		*09/18/2023*	*PB*
Surrogate: Toluene-d8	*97.8%*		*47.3-146*		*09/18/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*106%*		*38.4-136*		*09/18/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	11		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
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Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I062
Reported: 09/26/2023 11:54

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXI0105 - VOA										
Blank (BXI0105-BLK1)					Prepared & Analyzed: 9/18/2023					
Chloromethane	ND		0.030	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.010	mg/kg wet						
Chloroethane	ND		0.030	mg/kg wet						
1,1-Dichloroethene	ND		0.025	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.015	mg/kg wet						
1,1-Dichloroethane	ND		0.015	mg/kg wet						
2,2-Dichloropropane	ND		0.025	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.015	mg/kg wet						
Chloroform	ND		0.015	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.015	mg/kg wet						
Carbon tetrachloride	ND		0.015	mg/kg wet						
1,1-Dichloropropene	ND		0.015	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.015	mg/kg wet						
Trichloroethene (SIM)	ND		0.010	mg/kg wet						
1,2-Dichloropropane	ND		0.015	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.015	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.015	mg/kg wet						
1,1,2-Trichloroethane	ND		0.015	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.010	mg/kg wet						
2-Chlorotoluene	ND		0.020	mg/kg wet						
4-Chlorotoluene	ND		0.020	mg/kg wet						
1,3-Dichlorobenzene	ND		0.020	mg/kg wet						
1,4-Dichlorobenzene	ND		0.020	mg/kg wet						
1,2-Dichlorobenzene	ND		0.020	mg/kg wet						
Surrogate: Dibromofluoromethane			*17.6*	*ug/L*	*20.0*		*88.1*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*27.4*	*ug/L*	*20.0*		*137*	*32.2-196*		
Surrogate: Toluene-d8			*19.2*	*ug/L*	*20.0*		*96.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.9*	*ug/L*	*20.0*		*99.4*	*38.4-136*		
LCS (BXI0105-BS1)					Prepared & Analyzed: 9/18/2023					
Chloromethane	0.102		0.030	mg/kg wet	0.125		81.9	10-205		
Vinyl Chloride (SIM)	0.0795		0.010	mg/kg wet	0.125		63.6	44.2-183		
Chloroethane	0.592	S3	0.030	mg/kg wet	0.125		474	12.4-218		
1,1-Dichloroethene	0.152		0.025	mg/kg wet	0.125		121	39.6-181		
trans-1,2-Dichloroethene	0.139		0.015	mg/kg wet	0.125		111	39.6-177		
1,1-Dichloroethane	0.128		0.015	mg/kg wet	0.125		103	24.1-182		
2,2-Dichloropropane	0.143		0.025	mg/kg wet	0.125		114	18.9-210		
cis-1,2-Dichloroethene	0.150		0.015	mg/kg wet	0.125		120	29.5-182		
Chloroform	0.135		0.015	mg/kg wet	0.125		108	53-168		
1,1,1-Trichloroethane (TCA)	0.134		0.015	mg/kg wet	0.125		107	10-228		
Carbon tetrachloride	0.132		0.015	mg/kg wet	0.125		106	44-185		
1,1-Dichloropropene	0.123		0.015	mg/kg wet	0.125		98.1	10-192		
1,2-Dichloroethane (EDC)	0.150		0.015	mg/kg wet	0.125		120	39.6-177		
Trichloroethene (SIM)	0.102		0.010	mg/kg wet	0.125		81.4	28.8-130		
1,2-Dichloropropane	0.131		0.015	mg/kg wet	0.125		105	43.7-140		
cis-1,3-Dichloropropene	0.119		0.015	mg/kg wet	0.125		95.2	38.5-134		
Trans-1,3-Dichloropropene	0.137		0.015	mg/kg wet	0.125		110	40.1-139		
1,1,2-Trichloroethane	0.138		0.015	mg/kg wet	0.125		111	42.7-171		
Tetrachloroethene (SIM)	0.0987		0.010	mg/kg wet	0.125		78.9	30.4-159		
2-Chlorotoluene	0.131		0.020	mg/kg wet	0.125		105	35.8-131		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I062
Reported: 09/26/2023 11:54

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXI0105-BS1)					Prepared & Analyzed: 9/18/2023					
4-Chlorotoluene	0.128		0.020	mg/kg wet	0.125		102	37-131		
1,3-Dichlorobenzene	0.121		0.020	mg/kg wet	0.125		97.2	46.9-154		
1,4-Dichlorobenzene	0.127		0.020	mg/kg wet	0.125		102	50.6-146		
1,2-Dichlorobenzene	0.126		0.020	mg/kg wet	0.125		101	44.3-151		
Surrogate: Dibromofluoromethane			*22.1*	*ug/L*	*20.0*		*110*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*26.3*	*ug/L*	*20.0*		*132*	*32.2-196*		
Surrogate: Toluene-d8			*20.4*	*ug/L*	*20.0*		*102*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.3*	*ug/L*	*20.0*		*106*	*38.4-136*		
Duplicate (BXI0105-DUP1)		**Parent: L23I062-02**			Prepared & Analyzed: 9/18/2023					
Chloromethane	ND		0.048	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry		ND				35
Chloroethane	ND		0.048	mg/kg dry		ND				35
1,1-Dichloroethene	0.0124		0.040	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.024	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.040	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
Chloroform	ND		0.024	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.024	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry		ND				35
Trichloroethene (SIM)	0.0421	R	0.016	mg/kg dry		0.0233			57.7	35
1,2-Dichloropropane	ND		0.024	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.024	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*22.8*	*ug/L*	*20.0*		*114*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*28.2*	*ug/L*	*20.0*		*141*	*32.2-196*		
Surrogate: Toluene-d8			*19.6*	*ug/L*	*20.0*		*97.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.9*	*ug/L*	*20.0*		*99.7*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I062
Reported: 09/26/2023 11:54

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Duplicate (BXI0105-DUP2)		**Parent: L23I062-10**			Prepared & Analyzed: 9/18/2023					
Chloromethane	ND		0.048	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry		ND				35
Chloroethane	ND		0.048	mg/kg dry		ND				35
1,1-Dichloroethene	0.0145		0.040	mg/kg dry		0.0113			24.8	35
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.024	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.040	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
Chloroform	ND		0.024	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.024	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry		ND				35
Trichloroethene (SIM)	0.00332		0.016	mg/kg dry		0.00296			11.5	35
1,2-Dichloropropane	ND		0.024	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.024	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*23.1*	*ug/L*	*20.0*		*116*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*27.4*	*ug/L*	*20.0*		*137*	*32.2-196*		
Surrogate: Toluene-d8			*18.9*	*ug/L*	*20.0*		*94.5*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*20.9*	*ug/L*	*20.0*		*104*	*38.4-136*		
Matrix Spike Dup (BXI0105-MSD1)		**Parent: L23I062-02**			Prepared & Analyzed: 9/18/2023					
Chloromethane	0.163		0.048	mg/kg dry	0.150	ND	109	10-229		35
Vinyl Chloride (SIM)	0.138		0.016	mg/kg dry	0.150	ND	92.2	30.4-218		35
Chloroethane	0.0536		0.048	mg/kg dry	0.150	ND	35.8	10-194		35
1,1-Dichloroethene	0.139		0.040	mg/kg dry	0.150	ND	93.0	44.2-190		35
trans-1,2-Dichloroethene	0.159		0.024	mg/kg dry	0.150	ND	106	35.2-199		35
1,1-Dichloroethane	0.130		0.024	mg/kg dry	0.150	ND	86.6	10-236		35
2,2-Dichloropropane	0.160		0.040	mg/kg dry	0.150	ND	107	22.7-204		35
cis-1,2-Dichloroethene	0.157		0.024	mg/kg dry	0.150	ND	105	36.9-180		35
Chloroform	0.224		0.024	mg/kg dry	0.150	ND	150	54.4-176		35
1,1,1-Trichloroethane (TCA)	0.221		0.024	mg/kg dry	0.150	ND	147	25.1-198		35
Carbon tetrachloride	0.214		0.024	mg/kg dry	0.150	ND	143	14-216		35
1,1-Dichloropropene	0.197		0.024	mg/kg dry	0.150	ND	131	42.3-147		35
1,2-Dichloroethane (EDC)	0.256		0.024	mg/kg dry	0.150	ND	171	40.9-190		35
Trichloroethene (SIM)	0.204		0.016	mg/kg dry	0.150	0.0233	121	43-151		35
1,2-Dichloropropane	0.221		0.024	mg/kg dry	0.150	ND	147	48.4-166		35
cis-1,3-Dichloropropene	0.161		0.024	mg/kg dry	0.150	ND	108	10-200		35
Trans-1,3-Dichloropropene	0.183		0.024	mg/kg dry	0.150	ND	122	31.6-146		35
1,1,2-Trichloroethane	0.244		0.024	mg/kg dry	0.150	ND	163	37.6-187		35
Tetrachloroethene (SIM)	0.159		0.016	mg/kg dry	0.150	ND	106	48-141		35
2-Chlorotoluene	0.178		0.032	mg/kg dry	0.150	ND	119	33.9-142		35
4-Chlorotoluene	0.180		0.032	mg/kg dry	0.150	ND	120	15.2-163		35
1,3-Dichlorobenzene	0.192		0.032	mg/kg dry	0.150	ND	128	49.8-152		35

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Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I062
Reported: 09/26/2023 11:54

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXI0105-MSD1)		**Parent: L23I062-02**			Prepared & Analyzed: 9/18/2023					
1,4-Dichlorobenzene	0.199		0.032	mg/kg dry	0.150	ND	133	52.9-141		35
1,2-Dichlorobenzene	0.191		0.032	mg/kg dry	0.150	ND	128	45.2-158		35
Surrogate: Dibromofluoromethane			*23.2*	*ug/L*	*20.0*		*116*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*27.8*	*ug/L*	*20.0*		*139*	*32.2-196*		
Surrogate: Toluene-d8			*19.2*	*ug/L*	*20.0*		*96.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.7*	*ug/L*	*20.0*		*108*	*38.4-136*		

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Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23I062 **Reported:** 09/26/2023 11:54

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXI0106 - Gen Chem										
LCS (BXI0106-BS1)					Prepared: 9/18/2023 Analyzed: 9/22/2023					
Moisture	18			%	17.0		103	90-115		

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Libby Environmental, Inc.

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September 26, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23I063

Enclosed are the results of analyses for samples received by our laboratory on 9/19/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

L231063

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Client: Whatcom Env.
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Date: 9/19/23 Page: 1 of
Project Manager: Aimee Pennell
Project Name: Sunset Commons
Location: City, State: Bellingham, WA
Collector: Thom Davis Date of Collection: 9/19/23
Email:

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1	SS-75 8.5ft		840			X														
2	SS-76 14 ft		845			X														
3	SS-77 8.5 ft		11AM			X														
4	SS-78 19 ft		1245			X														
5	SS-79 21 ft		1440			X														
6	SS-80 12 ft		1455			X														
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
	9-19-23 1600		9/19/23 1630
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23I063 **Reported:** 09/26/2023 13:30

Notes and Definitions

Item	Definition
R	High Relative Percent Difference observed.
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23I063-01	SS-75 8.5ft	Soil	09/19/2023	09/19/2023
L23I063-02	SS-76 14ft	Soil	09/19/2023	09/19/2023
L23I063-03	SS-77 8.5ft	Soil	09/19/2023	09/19/2023
L23I063-04	SS-78 19ft	Soil	09/19/2023	09/19/2023
L23I063-05	SS-79 21ft	Soil	09/19/2023	09/19/2023
L23I063-06	SS-80 12ft	Soil	09/19/2023	09/19/2023

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Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23I063 **Reported:** 09/26/2023 13:30

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-75 8.5ft**			Lab#: L23I063-01		
Trichloroethene (TCE)	0.25		mg/kg dry	0.017	8260D
Sample: **SS-76 14ft**			Lab#: L23I063-02		
Trichloroethene (TCE)	0.53		mg/kg dry	0.018	8260D
Sample: **SS-77 8.5ft**			Lab#: L23I063-03		
Trichloroethene (TCE)	0.30		mg/kg dry	0.016	8260D
Sample: **SS-80 12ft**			Lab#: L23I063-06		
Trichloroethene (TCE)	0.33		mg/kg dry	0.015	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I063
Reported: 09/26/2023 13:30

Sample Results

Client Sample ID: SS-75 8.5ft

Lab ID: L23I063-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.052	mg/kg dry	09/19/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	09/19/2023	PB
Chloroethane	ND		0.052	mg/kg dry	09/19/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	09/19/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	09/19/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	09/19/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	09/19/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	09/19/2023	PB
Chloroform	ND		0.026	mg/kg dry	09/19/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	09/19/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	09/19/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	09/19/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	09/19/2023	PB
Trichloroethene (TCE)	0.25		0.017	mg/kg dry	09/19/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	09/19/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	09/19/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	09/19/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	09/19/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	09/19/2023	PB
2-Chlorotoluene	ND		0.035	mg/kg dry	09/19/2023	PB
4-Chlorotoluene	ND		0.035	mg/kg dry	09/19/2023	PB
1,3-Dichlorobenzene	ND		0.035	mg/kg dry	09/19/2023	PB
1,4-Dichlorobenzene	ND		0.035	mg/kg dry	09/19/2023	PB
1,2-Dichlorobenzene	ND		0.035	mg/kg dry	09/19/2023	PB
Surrogate: Dibromofluoromethane	*96.1%*		*22.9-220*		*09/19/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*123%*		*32.2-196*		*09/19/2023*	*PB*
Surrogate: Toluene-d8	*85.7%*		*47.3-146*		*09/19/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*95.2%*		*38.4-136*		*09/19/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	20		0.50	%	09/22/2023	SG

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Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I063
Reported: 09/26/2023 13:30

Sample Results (Continued)

Client Sample ID: SS-76 14ft

Lab ID: L23I063-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.055	mg/kg dry	09/19/2023	PB
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry	09/19/2023	PB
Chloroethane	ND		0.055	mg/kg dry	09/19/2023	PB
1,1-Dichloroethene	ND		0.045	mg/kg dry	09/19/2023	PB
trans-1,2-Dichloroethene	ND		0.027	mg/kg dry	09/19/2023	PB
1,1-Dichloroethane	ND		0.027	mg/kg dry	09/19/2023	PB
2,2-Dichloropropane	ND		0.045	mg/kg dry	09/19/2023	PB
cis-1,2-Dichloroethene	ND		0.027	mg/kg dry	09/19/2023	PB
Chloroform	ND		0.027	mg/kg dry	09/19/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.027	mg/kg dry	09/19/2023	PB
Carbon tetrachloride	ND		0.027	mg/kg dry	09/19/2023	PB
1,1-Dichloropropene	ND		0.027	mg/kg dry	09/19/2023	PB
1,2-Dichloroethane (EDC)	ND		0.027	mg/kg dry	09/19/2023	PB
Trichloroethene (TCE)	0.53		0.018	mg/kg dry	09/19/2023	PB
1,2-Dichloropropane	ND		0.027	mg/kg dry	09/19/2023	PB
cis-1,3-Dichloropropene	ND		0.027	mg/kg dry	09/19/2023	PB
Trans-1,3-Dichloropropene	ND		0.027	mg/kg dry	09/19/2023	PB
1,1,2-Trichloroethane	ND		0.027	mg/kg dry	09/19/2023	PB
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry	09/19/2023	PB
2-Chlorotoluene	ND		0.036	mg/kg dry	09/19/2023	PB
4-Chlorotoluene	ND		0.036	mg/kg dry	09/19/2023	PB
1,3-Dichlorobenzene	ND		0.036	mg/kg dry	09/19/2023	PB
1,4-Dichlorobenzene	ND		0.036	mg/kg dry	09/19/2023	PB
1,2-Dichlorobenzene	ND		0.036	mg/kg dry	09/19/2023	PB
Surrogate: Dibromofluoromethane	*102%*		*22.9-220*		*09/19/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*138%*		*32.2-196*		*09/19/2023*	*PB*
Surrogate: Toluene-d8	*94.2%*		*47.3-146*		*09/19/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*97.8%*		*38.4-136*		*09/19/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	21		0.50	%	09/22/2023	SG

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Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I063
Reported: 09/26/2023 13:30

Sample Results (Continued)

Client Sample ID: SS-77 8.5ft

Lab ID: L23I063-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	09/19/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/19/2023	PB
Chloroethane	ND		0.049	mg/kg dry	09/19/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	09/19/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/19/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/19/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	09/19/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/19/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/19/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/19/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/19/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/19/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/19/2023	PB
Trichloroethene (TCE)	0.30		0.016	mg/kg dry	09/19/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/19/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/19/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/19/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/19/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/19/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	09/19/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	09/19/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	09/19/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	09/19/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	09/19/2023	PB
Surrogate: Dibromofluoromethane	*113%*		*22.9-220*		*09/19/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*137%*		*32.2-196*		*09/19/2023*	*PB*
Surrogate: Toluene-d8	*97.8%*		*47.3-146*		*09/19/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*101%*		*38.4-136*		*09/19/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I063
Reported: 09/26/2023 13:30

Sample Results (Continued)

Client Sample ID: SS-78 19ft

Lab ID: L23I063-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	09/19/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/19/2023	PB
Chloroethane	ND		0.049	mg/kg dry	09/19/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	09/19/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/19/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	09/19/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	09/19/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/19/2023	PB
Chloroform	ND		0.025	mg/kg dry	09/19/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	09/19/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	09/19/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	09/19/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	09/19/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	09/19/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	09/19/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/19/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/19/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	09/19/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/19/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	09/19/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	09/19/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	09/19/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	09/19/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	09/19/2023	PB
Surrogate: Dibromofluoromethane	*116%*		*22.9-220*		*09/19/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*140%*		*32.2-196*		*09/19/2023*	*PB*
Surrogate: Toluene-d8	*98.6%*		*47.3-146*		*09/19/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*96.4%*		*38.4-136*		*09/19/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	09/22/2023	SG

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Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I063
Reported: 09/26/2023 13:30

Sample Results (Continued)

Client Sample ID: SS-79 21ft

Lab ID: L23I063-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	09/19/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	09/19/2023	PB
Chloroethane	ND		0.050	mg/kg dry	09/19/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	09/19/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/19/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	09/19/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	09/19/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/19/2023	PB
Chloroform	ND		0.025	mg/kg dry	09/19/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	09/19/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	09/19/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	09/19/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	09/19/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	09/19/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	09/19/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/19/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/19/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	09/19/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	09/19/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	09/19/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	09/19/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	09/19/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	09/19/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	09/19/2023	PB
Surrogate: Dibromofluoromethane	*116%*		*22.9-220*		*09/19/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*138%*		*32.2-196*		*09/19/2023*	*PB*
Surrogate: Toluene-d8	*96.6%*		*47.3-146*		*09/19/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*95.0%*		*38.4-136*		*09/19/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
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Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I063
Reported: 09/26/2023 13:30

Sample Results (Continued)

Client Sample ID: SS-80 12ft

Lab ID: L23I063-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.046	mg/kg dry	09/19/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	09/19/2023	PB
Chloroethane	ND		0.046	mg/kg dry	09/19/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	09/19/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	09/19/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	09/19/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	09/19/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	09/19/2023	PB
Chloroform	ND		0.023	mg/kg dry	09/19/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	09/19/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	09/19/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	09/19/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	09/19/2023	PB
Trichloroethene (TCE)	0.33		0.015	mg/kg dry	09/19/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	09/19/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	09/19/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	09/19/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	09/19/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	09/19/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	09/19/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	09/19/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	09/19/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	09/19/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	09/19/2023	PB
Surrogate: Dibromofluoromethane	*116%*		*22.9-220*		*09/19/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*138%*		*32.2-196*		*09/19/2023*	*PB*
Surrogate: Toluene-d8	*97.6%*		*47.3-146*		*09/19/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*93.7%*		*38.4-136*		*09/19/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	15		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I063
Reported: 09/26/2023 13:30

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXI0110 - VOA										
Blank (BXI0110-BLK1)					Prepared & Analyzed: 9/19/2023					
Chloromethane	ND		0.030	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.010	mg/kg wet						
Chloroethane	ND		0.030	mg/kg wet						
1,1-Dichloroethene	ND		0.025	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.015	mg/kg wet						
1,1-Dichloroethane	ND		0.015	mg/kg wet						
2,2-Dichloropropane	ND		0.025	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.015	mg/kg wet						
Chloroform	ND		0.015	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.015	mg/kg wet						
Carbon tetrachloride	ND		0.015	mg/kg wet						
1,1-Dichloropropene	ND		0.015	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.015	mg/kg wet						
Trichloroethene (SIM)	ND		0.010	mg/kg wet						
1,2-Dichloropropane	ND		0.015	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.015	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.015	mg/kg wet						
1,1,2-Trichloroethane	ND		0.015	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.010	mg/kg wet						
2-Chlorotoluene	ND		0.020	mg/kg wet						
4-Chlorotoluene	ND		0.020	mg/kg wet						
1,3-Dichlorobenzene	ND		0.020	mg/kg wet						
1,4-Dichlorobenzene	ND		0.020	mg/kg wet						
1,2-Dichlorobenzene	ND		0.020	mg/kg wet						
Surrogate: Dibromofluoromethane			*21.4*	*ug/L*	*20.0*		*107*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*30.0*	*ug/L*	*20.0*		*150*	*32.2-196*		
Surrogate: Toluene-d8			*18.6*	*ug/L*	*20.0*		*93.1*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*18.8*	*ug/L*	*20.0*		*93.8*	*38.4-136*		
LCS (BXI0110-BS1)					Prepared & Analyzed: 9/19/2023					
Chloromethane	0.108		0.030	mg/kg wet	0.125		86.3	10-205		
Vinyl Chloride (SIM)	0.0851		0.010	mg/kg wet	0.125		68.1	44.2-183		
Chloroethane	0.336	S3	0.030	mg/kg wet	0.125		269	12.4-218		
1,1-Dichloroethene	0.129		0.025	mg/kg wet	0.125		103	39.6-181		
trans-1,2-Dichloroethene	0.155		0.015	mg/kg wet	0.125		124	39.6-177		
1,1-Dichloroethane	0.150		0.015	mg/kg wet	0.125		120	24.1-182		
2,2-Dichloropropane	0.139		0.025	mg/kg wet	0.125		112	18.9-210		
cis-1,2-Dichloroethene	0.145		0.015	mg/kg wet	0.125		116	29.5-182		
Chloroform	0.140		0.015	mg/kg wet	0.125		112	53-168		
1,1,1-Trichloroethane (TCA)	0.134		0.015	mg/kg wet	0.125		107	10-228		
Carbon tetrachloride	0.141		0.015	mg/kg wet	0.125		113	44-185		
1,1-Dichloropropene	0.123		0.015	mg/kg wet	0.125		98.1	10-192		
1,2-Dichloroethane (EDC)	0.169		0.015	mg/kg wet	0.125		136	39.6-177		
Trichloroethene (SIM)	0.109		0.010	mg/kg wet	0.125		86.8	28.8-130		
1,2-Dichloropropane	0.139		0.015	mg/kg wet	0.125		112	43.7-140		
cis-1,3-Dichloropropene	0.110		0.015	mg/kg wet	0.125		88.4	38.5-134		
Trans-1,3-Dichloropropene	0.133		0.015	mg/kg wet	0.125		107	40.1-139		
1,1,2-Trichloroethane	0.173		0.015	mg/kg wet	0.125		138	42.7-171		
Tetrachloroethene (SIM)	0.108		0.010	mg/kg wet	0.125		86.4	30.4-159		
2-Chlorotoluene	0.119		0.020	mg/kg wet	0.125		95.1	35.8-131		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I063
Reported: 09/26/2023 13:30

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXI0110-BS1)					Prepared & Analyzed: 9/19/2023					
4-Chlorotoluene	0.118		0.020	mg/kg wet	0.125		94.2	37-131		
1,3-Dichlorobenzene	0.132		0.020	mg/kg wet	0.125		106	46.9-154		
1,4-Dichlorobenzene	0.137		0.020	mg/kg wet	0.125		110	50.6-146		
1,2-Dichlorobenzene	0.134		0.020	mg/kg wet	0.125		107	44.3-151		
Surrogate: Dibromofluoromethane			*20.9*	*ug/L*	*20.0*		*105*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*28.2*	*ug/L*	*20.0*		*141*	*32.2-196*		
Surrogate: Toluene-d8			*19.4*	*ug/L*	*20.0*		*97.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.7*	*ug/L*	*20.0*		*109*	*38.4-136*		
Duplicate (BXI0110-DUP1)		**Parent: L23I063-01**			Prepared & Analyzed: 9/19/2023					
Chloromethane	ND		0.052	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry		ND				35
Chloroethane	ND		0.052	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.043	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.026	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.043	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry		ND				35
Chloroform	ND		0.026	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.026	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.026	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry		ND				35
Trichloroethene (SIM)	0.232		0.017	mg/kg dry		0.217			6.73	35
1,2-Dichloropropane	ND		0.026	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.026	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.035	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.035	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.035	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.035	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.035	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*19.3*	*ug/L*	*20.0*		*96.7*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*25.5*	*ug/L*	*20.0*		*128*	*32.2-196*		
Surrogate: Toluene-d8			*19.0*	*ug/L*	*20.0*		*95.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.0*	*ug/L*	*20.0*		*105*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I063
Reported: 09/26/2023 13:30

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXI0110-MS1)		**Parent: L23I063-01**			Prepared & Analyzed: 9/19/2023					
Chloromethane	0.171		0.052	mg/kg dry	0.156	ND	110	10-229		
Vinyl Chloride (SIM)	0.148		0.017	mg/kg dry	0.156	ND	95.4	30.4-218		
Chloroethane	0.0270		0.052	mg/kg dry	0.156	ND	17.3	10-194		
1,1-Dichloroethene	0.157		0.043	mg/kg dry	0.156	ND	101	44.2-190		
trans-1,2-Dichloroethene	0.187		0.026	mg/kg dry	0.156	ND	120	35.2-199		
1,1-Dichloroethane	0.181		0.026	mg/kg dry	0.156	ND	117	10-236		
2,2-Dichloropropane	0.233		0.043	mg/kg dry	0.156	ND	149	22.7-204		
cis-1,2-Dichloroethene	0.266		0.026	mg/kg dry	0.156	ND	171	36.9-180		
Chloroform	0.256		0.026	mg/kg dry	0.156	ND	165	54.4-176		
1,1,1-Trichloroethane (TCA)	0.232		0.026	mg/kg dry	0.156	ND	149	25.1-198		
Carbon tetrachloride	0.233		0.026	mg/kg dry	0.156	ND	149	14-216		
1,1-Dichloropropene	0.198		0.026	mg/kg dry	0.156	ND	127	42.3-147		
1,2-Dichloroethane (EDC)	0.298		0.026	mg/kg dry	0.156	ND	192	40.9-190		
Trichloroethene (SIM)	0.440		0.017	mg/kg dry	0.156	0.217	143	43-151		
1,2-Dichloropropane	0.238		0.026	mg/kg dry	0.156	ND	153	48.4-166		
cis-1,3-Dichloropropene	0.185		0.026	mg/kg dry	0.156	ND	119	10-200		
Trans-1,3-Dichloropropene	0.223		0.026	mg/kg dry	0.156	ND	143	31.6-146		
1,1,2-Trichloroethane	0.304		0.026	mg/kg dry	0.156	ND	196	37.6-187		
Tetrachloroethene (SIM)	0.178		0.017	mg/kg dry	0.156	ND	114	48-141		
2-Chlorotoluene	0.190		0.035	mg/kg dry	0.156	ND	122	33.9-142		
4-Chlorotoluene	0.188		0.035	mg/kg dry	0.156	ND	121	15.2-163		
1,3-Dichlorobenzene	0.212		0.035	mg/kg dry	0.156	ND	136	49.8-152		
1,4-Dichlorobenzene	0.229		0.035	mg/kg dry	0.156	ND	147	52.9-141		
1,2-Dichlorobenzene	0.213		0.035	mg/kg dry	0.156	ND	137	45.2-158		
Surrogate: Dibromofluoromethane			*22.6*	*ug/L*	*20.0*		*113*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.8*	*ug/L*	*20.0*		*149*	*32.2-196*		
Surrogate: Toluene-d8			*18.7*	*ug/L*	*20.0*		*93.6*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.3*	*ug/L*	*20.0*		*106*	*38.4-136*		
Matrix Spike Dup (BXI0110-MSD1)		**Parent: L23I063-01**			Prepared & Analyzed: 9/19/2023					
Chloromethane	0.175		0.052	mg/kg dry	0.156	ND	112	10-229	2.61	35
Vinyl Chloride (SIM)	0.148		0.017	mg/kg dry	0.156	ND	95.0	30.4-218	0.381	35
Chloroethane	0.0479	R	0.052	mg/kg dry	0.156	ND	30.8	10-194	55.9	35
1,1-Dichloroethene	0.149		0.043	mg/kg dry	0.156	ND	95.5	44.2-190	5.40	35
trans-1,2-Dichloroethene	0.176		0.026	mg/kg dry	0.156	ND	113	35.2-199	6.12	35
1,1-Dichloroethane	0.149		0.026	mg/kg dry	0.156	ND	95.9	10-236	19.4	35
2,2-Dichloropropane	0.187		0.043	mg/kg dry	0.156	ND	120	22.7-204	21.7	35
cis-1,2-Dichloroethene	0.193		0.026	mg/kg dry	0.156	ND	124	36.9-180	31.9	35
Chloroform	0.186		0.026	mg/kg dry	0.156	ND	120	54.4-176	31.7	35
1,1,1-Trichloroethane (TCA)	0.190		0.026	mg/kg dry	0.156	ND	122	25.1-198	19.9	35
Carbon tetrachloride	0.184		0.026	mg/kg dry	0.156	ND	118	14-216	23.2	35
1,1-Dichloropropene	0.209		0.026	mg/kg dry	0.156	ND	134	42.3-147	5.21	35
1,2-Dichloroethane (EDC)	0.296		0.026	mg/kg dry	0.156	ND	190	40.9-190	0.862	35
Trichloroethene (SIM)	0.432		0.017	mg/kg dry	0.156	0.217	138	43-151	1.89	35
1,2-Dichloropropane	0.250		0.026	mg/kg dry	0.156	ND	160	48.4-166	4.73	35
cis-1,3-Dichloropropene	0.193		0.026	mg/kg dry	0.156	ND	124	10-200	4.31	35
Trans-1,3-Dichloropropene	0.219		0.026	mg/kg dry	0.156	ND	141	31.6-146	1.65	35
1,1,2-Trichloroethane	0.277		0.026	mg/kg dry	0.156	ND	178	37.6-187	9.27	35
Tetrachloroethene (SIM)	0.170		0.017	mg/kg dry	0.156	ND	109	48-141	4.51	35
2-Chlorotoluene	0.205		0.035	mg/kg dry	0.156	ND	131	33.9-142	7.64	35
4-Chlorotoluene	0.201		0.035	mg/kg dry	0.156	ND	129	15.2-163	6.76	35
1,3-Dichlorobenzene	0.223		0.035	mg/kg dry	0.156	ND	143	49.8-152	5.35	35

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I063
Reported: 09/26/2023 13:30

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXI0110-MSD1)		**Parent: L23I063-01**			Prepared & Analyzed: 9/19/2023					
1,4-Dichlorobenzene	0.228		0.035	mg/kg dry	0.156	ND	146	52.9-141	0.513	35
1,2-Dichlorobenzene	0.225		0.035	mg/kg dry	0.156	ND	145	45.2-158	5.67	35
Surrogate: Dibromofluoromethane			*18.0*	*ug/L*	*20.0*		*89.8*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*28.4*	*ug/L*	*20.0*		*142*	*32.2-196*		
Surrogate: Toluene-d8			*19.5*	*ug/L*	*20.0*		*97.4*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.6*	*ug/L*	*20.0*		*108*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I063
Reported: 09/26/2023 13:30

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXI0111 - Gen Chem										
LCS (BXI0111-BS1)					Prepared: 9/19/2023 Analyzed: 9/22/2023					
Moisture	18			%	17.0		104	90-115		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety.

Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

Phone (360) 352-2110 • libbyenv@gmail.com

September 27, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23I071

Enclosed are the results of analyses for samples received by our laboratory on 9/20/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,



Sherry Chilcutt
Senior Chemist

L23I071

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Date: 9/20/23 Page: 1 of 1

Client: Whatcom Env.
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Project Manager: Aimee Pennell
Project Name: Sunset Commons
Location: City, State: Bellingham WA
Collector: Thom Davis Date of Collection: 9/20/23
Email: tes

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1	SS-81 8.5ft		8AM			X														
2	SS-82 14ft		845			X														
3	SS-83 10ft		9AM			X														
4	SS-84 11ft		925			X														
5	SS-85 9ft		945			X														
6	SS-86 8.5ft		1300			X														
7	SS-87 14ft		1325			X														
8	SS-88 20ft		1440			X														
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
	9-20-23 8AM		9/20/23
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

ML

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23I071 **Reported:** 09/27/2023 09:28

Notes and Definitions

Item	Definition
R	High Relative Percent Difference observed.
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23I071-01	SS-81 8.5ft	Soil	09/20/2023	09/20/2023
L23I071-02	SS-82 14ft	Soil	09/20/2023	09/20/2023
L23I071-03	SS-83 10ft	Soil	09/20/2023	09/20/2023
L23I071-04	SS-84 11ft	Soil	09/20/2023	09/20/2023
L23I071-05	SS-85 9ft	Soil	09/20/2023	09/20/2023
L23I071-06	SS-86 8.5ft	Soil	09/20/2023	09/20/2023
L23I071-07	SS-87 14ft	Soil	09/20/2023	09/20/2023
L23I071-08	SS-88 20ft	Soil	09/20/2023	09/20/2023

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Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23I071 **Reported:** 09/27/2023 09:28

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-81 8.5ft**			Lab#: L23I071-01		
Trichloroethene (TCE)	0.11		mg/kg dry	0.016	8260D
Sample: **SS-82 14ft**			Lab#: L23I071-02		
Trichloroethene (TCE)	0.33		mg/kg dry	0.016	8260D
Sample: **SS-83 10ft**			Lab#: L23I071-03		
Trichloroethene (TCE)	0.16		mg/kg dry	0.016	8260D
Sample: **SS-84 11ft**			Lab#: L23I071-04		
Trichloroethene	0.070		mg/kg dry	0.016	8260D
Sample: **SS-85 9ft**			Lab#: L23I071-05		
Trichloroethene (TCE)	0.29		mg/kg dry	0.016	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I071
Reported: 09/27/2023 09:28

Sample Results

Client Sample ID: SS-81 8.5ft

Lab ID: L23I071-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	09/20/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/20/2023	PB
Chloroethane	ND		0.048	mg/kg dry	09/20/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	09/20/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/20/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/20/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	09/20/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/20/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/20/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/20/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/20/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/20/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/20/2023	PB
Trichloroethene (TCE)	0.11		0.016	mg/kg dry	09/20/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/20/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/20/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/20/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/20/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/20/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	09/20/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	09/20/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	09/20/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	09/20/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	09/20/2023	PB
Surrogate: Dibromofluoromethane	*121%*		*22.9-220*		*09/20/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*146%*		*32.2-196*		*09/20/2023*	*PB*
Surrogate: Toluene-d8	*96.6%*		*47.3-146*		*09/20/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*93.4%*		*38.4-136*		*09/20/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I071
Reported: 09/27/2023 09:28

Sample Results (Continued)

Client Sample ID: SS-82 14ft

Lab ID: L23I071-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	09/20/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/20/2023	PB
Chloroethane	ND		0.048	mg/kg dry	09/20/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	09/20/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/20/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/20/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	09/20/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/20/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/20/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/20/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/20/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/20/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/20/2023	PB
Trichloroethene (TCE)	0.33		0.016	mg/kg dry	09/20/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/20/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/20/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/20/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/20/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/20/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	09/20/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	09/20/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	09/20/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	09/20/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	09/20/2023	PB
Surrogate: Dibromofluoromethane	*124%*		*22.9-220*		*09/20/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*167%*		*32.2-196*		*09/20/2023*	*PB*
Surrogate: Toluene-d8	*86.9%*		*47.3-146*		*09/20/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*85.4%*		*38.4-136*		*09/20/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I071
Reported: 09/27/2023 09:28

Sample Results (Continued)

Client Sample ID: SS-83 10ft

Lab ID: L23I071-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	09/20/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/20/2023	PB
Chloroethane	ND		0.049	mg/kg dry	09/20/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	09/20/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/20/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	09/20/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	09/20/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/20/2023	PB
Chloroform	ND		0.025	mg/kg dry	09/20/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	09/20/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	09/20/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	09/20/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	09/20/2023	PB
Trichloroethene (TCE)	0.16		0.016	mg/kg dry	09/20/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	09/20/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/20/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/20/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	09/20/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/20/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	09/20/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	09/20/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	09/20/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	09/20/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	09/20/2023	PB
Surrogate: Dibromofluoromethane	*117%*		*22.9-220*		*09/20/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*146%*		*32.2-196*		*09/20/2023*	*PB*
Surrogate: Toluene-d8	*97.6%*		*47.3-146*		*09/20/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*93.6%*		*38.4-136*		*09/20/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I071
Reported: 09/27/2023 09:28

Sample Results (Continued)

Client Sample ID: SS-84 11ft

Lab ID: L23I071-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	09/20/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/20/2023	PB
Chloroethane	ND		0.049	mg/kg dry	09/20/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	09/20/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/20/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/20/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	09/20/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/20/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/20/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/20/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/20/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/20/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/20/2023	PB
Trichloroethene (SIM)	0.070		0.016	mg/kg dry	09/20/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/20/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/20/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/20/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/20/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/20/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	09/20/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	09/20/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	09/20/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	09/20/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	09/20/2023	PB
Surrogate: Dibromofluoromethane	*116%*		*22.9-220*		*09/20/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*136%*		*32.2-196*		*09/20/2023*	*PB*
Surrogate: Toluene-d8	*98.4%*		*47.3-146*		*09/20/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*91.8%*		*38.4-136*		*09/20/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	09/22/2023	SG

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228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I071
Reported: 09/27/2023 09:28

Sample Results (Continued)

Client Sample ID: SS-85 9ft

Lab ID: L23I071-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	09/20/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/20/2023	PB
Chloroethane	ND		0.048	mg/kg dry	09/20/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	09/20/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/20/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/20/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	09/20/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/20/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/20/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/20/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/20/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/20/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/20/2023	PB
Trichloroethene (TCE)	0.29		0.016	mg/kg dry	09/20/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/20/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/20/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/20/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/20/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/20/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	09/20/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	09/20/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	09/20/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	09/20/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	09/20/2023	PB
Surrogate: Dibromofluoromethane	*116%*		*22.9-220*		*09/20/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*137%*		*32.2-196*		*09/20/2023*	*PB*
Surrogate: Toluene-d8	*99.4%*		*47.3-146*		*09/20/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*93.4%*		*38.4-136*		*09/20/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	09/22/2023	SG

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Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I071
Reported: 09/27/2023 09:28

Sample Results (Continued)

Client Sample ID: SS-86 8.5ft

Lab ID: L23I071-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	09/20/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	09/20/2023	PB
Chloroethane	ND		0.051	mg/kg dry	09/20/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	09/20/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	09/20/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	09/20/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	09/20/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	09/20/2023	PB
Chloroform	ND		0.026	mg/kg dry	09/20/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	09/20/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	09/20/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	09/20/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	09/20/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	09/20/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	09/20/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	09/20/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	09/20/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	09/20/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	09/20/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	09/20/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	09/20/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	09/20/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	09/20/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	09/20/2023	PB
Surrogate: Dibromofluoromethane	*117%*		*22.9-220*		*09/20/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*142%*		*32.2-196*		*09/20/2023*	*PB*
Surrogate: Toluene-d8	*97.8%*		*47.3-146*		*09/20/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*95.6%*		*38.4-136*		*09/20/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I071
Reported: 09/27/2023 09:28

Sample Results (Continued)

Client Sample ID: SS-87 14ft

Lab ID: L23I071-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	09/20/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	09/20/2023	PB
Chloroethane	ND		0.050	mg/kg dry	09/20/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	09/20/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/20/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	09/20/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	09/20/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/20/2023	PB
Chloroform	ND		0.025	mg/kg dry	09/20/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	09/20/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	09/20/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	09/20/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	09/20/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	09/20/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	09/20/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/20/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/20/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	09/20/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	09/20/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	09/20/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	09/20/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	09/20/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	09/20/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	09/20/2023	PB
Surrogate: Dibromofluoromethane	*118%*		*22.9-220*		*09/20/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*144%*		*32.2-196*		*09/20/2023*	*PB*
Surrogate: Toluene-d8	*98.0%*		*47.3-146*		*09/20/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*94.9%*		*38.4-136*		*09/20/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I071
Reported: 09/27/2023 09:28

Sample Results (Continued)

Client Sample ID: SS-88 20ft

Lab ID: L23I071-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	09/20/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	09/20/2023	PB
Chloroethane	ND		0.051	mg/kg dry	09/20/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	09/20/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/20/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	09/20/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	09/20/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/20/2023	PB
Chloroform	ND		0.025	mg/kg dry	09/20/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	09/20/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	09/20/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	09/20/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	09/20/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	09/20/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	09/20/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/20/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/20/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	09/20/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	09/20/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	09/20/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	09/20/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	09/20/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	09/20/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	09/20/2023	PB
Surrogate: Dibromofluoromethane	*119%*		*22.9-220*		*09/20/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*142%*		*32.2-196*		*09/20/2023*	*PB*
Surrogate: Toluene-d8	*96.4%*		*47.3-146*		*09/20/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*95.4%*		*38.4-136*		*09/20/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I071
Reported: 09/27/2023 09:28

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXI0117 - VOA										
Blank (BXI0117-BLK1)					Prepared & Analyzed: 9/20/2023					
Chloromethane	ND		0.030	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.010	mg/kg wet						
Chloroethane	ND		0.030	mg/kg wet						
1,1-Dichloroethene	ND		0.025	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.015	mg/kg wet						
1,1-Dichloroethane	ND		0.015	mg/kg wet						
2,2-Dichloropropane	ND		0.025	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.015	mg/kg wet						
Chloroform	ND		0.015	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.015	mg/kg wet						
Carbon tetrachloride	ND		0.015	mg/kg wet						
1,1-Dichloropropene	ND		0.015	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.015	mg/kg wet						
Trichloroethene (SIM)	ND		0.010	mg/kg wet						
1,2-Dichloropropane	ND		0.015	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.015	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.015	mg/kg wet						
1,1,2-Trichloroethane	ND		0.015	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.010	mg/kg wet						
2-Chlorotoluene	ND		0.020	mg/kg wet						
4-Chlorotoluene	ND		0.020	mg/kg wet						
1,3-Dichlorobenzene	ND		0.020	mg/kg wet						
1,4-Dichlorobenzene	ND		0.020	mg/kg wet						
1,2-Dichlorobenzene	ND		0.020	mg/kg wet						
Surrogate: Dibromofluoromethane			*24.1*	*ug/L*	*20.0*		*120*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.0*	*ug/L*	*20.0*		*145*	*32.2-196*		
Surrogate: Toluene-d8			*19.4*	*ug/L*	*20.0*		*97.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*18.4*	*ug/L*	*20.0*		*91.9*	*38.4-136*		
LCS (BXI0117-BS1)					Prepared & Analyzed: 9/20/2023					
Chloromethane	0.0885		0.030	mg/kg wet	0.125		70.8	10-205		
Vinyl Chloride (SIM)	0.0756		0.010	mg/kg wet	0.125		60.5	44.2-183		
Chloroethane	0.501	R, S3	0.030	mg/kg wet	0.125		401	12.4-218		
1,1-Dichloroethene	0.162		0.025	mg/kg wet	0.125		129	39.6-181		
trans-1,2-Dichloroethene	0.151		0.015	mg/kg wet	0.125		121	39.6-177		
1,1-Dichloroethane	0.160		0.015	mg/kg wet	0.125		128	24.1-182		
2,2-Dichloropropane	0.150		0.025	mg/kg wet	0.125		120	18.9-210		
cis-1,2-Dichloroethene	0.147		0.015	mg/kg wet	0.125		117	29.5-182		
Chloroform	0.148		0.015	mg/kg wet	0.125		118	53-168		
1,1,1-Trichloroethane (TCA)	0.149		0.015	mg/kg wet	0.125		119	10-228		
Carbon tetrachloride	0.141		0.015	mg/kg wet	0.125		113	44-185		
1,1-Dichloropropene	0.109		0.015	mg/kg wet	0.125		87.1	10-192		
1,2-Dichloroethane (EDC)	0.166		0.015	mg/kg wet	0.125		133	39.6-177		
Trichloroethene (SIM)	0.104		0.010	mg/kg wet	0.125		82.8	28.8-130		
1,2-Dichloropropane	0.145		0.015	mg/kg wet	0.125		116	43.7-140		
cis-1,3-Dichloropropene	0.112		0.015	mg/kg wet	0.125		89.9	38.5-134		
Trans-1,3-Dichloropropene	0.136		0.015	mg/kg wet	0.125		109	40.1-139		
1,1,2-Trichloroethane	0.169		0.015	mg/kg wet	0.125		135	42.7-171		
Tetrachloroethene (SIM)	0.102		0.010	mg/kg wet	0.125		81.3	30.4-159		
2-Chlorotoluene	0.121		0.020	mg/kg wet	0.125		96.8	35.8-131		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I071
Reported: 09/27/2023 09:28

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXI0117-BS1)					Prepared & Analyzed: 9/20/2023					
4-Chlorotoluene	0.119		0.020	mg/kg wet	0.125		95.3	37-131		
1,3-Dichlorobenzene	0.136		0.020	mg/kg wet	0.125		109	46.9-154		
1,4-Dichlorobenzene	0.141		0.020	mg/kg wet	0.125		113	50.6-146		
1,2-Dichlorobenzene	0.143		0.020	mg/kg wet	0.125		114	44.3-151		
Surrogate: Dibromofluoromethane			*23.9*	*ug/L*	*20.0*		*120*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*28.3*	*ug/L*	*20.0*		*142*	*32.2-196*		
Surrogate: Toluene-d8			*19.8*	*ug/L*	*20.0*		*99.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.0*	*ug/L*	*20.0*		*105*	*38.4-136*		
Duplicate (BXI0117-DUP1)		**Parent: L23I071-01**			Prepared & Analyzed: 9/20/2023					
Chloromethane	ND		0.048	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry		ND				35
Chloroethane	ND		0.048	mg/kg dry		ND				35
1,1-Dichloroethene	0.0123		0.040	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.024	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.040	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
Chloroform	ND		0.024	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.024	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry		ND				35
Trichloroethene (TCE)	0.131		0.016	mg/kg dry		0.113			14.7	35
1,2-Dichloropropane	ND		0.024	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.024	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*24.2*	*ug/L*	*20.0*		*121*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.0*	*ug/L*	*20.0*		*145*	*32.2-196*		
Surrogate: Toluene-d8			*19.4*	*ug/L*	*20.0*		*96.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*18.1*	*ug/L*	*20.0*		*90.7*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I071
Reported: 09/27/2023 09:28

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXI0117-MS1)		**Parent: L23I071-01**			Prepared & Analyzed: 9/20/2023					
Chloromethane	0.129		0.048	mg/kg dry	0.149	ND	86.4	10-229		
Vinyl Chloride (SIM)	0.115		0.016	mg/kg dry	0.149	ND	76.9	30.4-218		
Chloroethane	0.0852		0.048	mg/kg dry	0.149	ND	57.0	10-194		
1,1-Dichloroethene	0.152		0.040	mg/kg dry	0.149	ND	102	44.2-190		
trans-1,2-Dichloroethene	0.180		0.024	mg/kg dry	0.149	ND	121	35.2-199		
1,1-Dichloroethane	0.197		0.024	mg/kg dry	0.149	ND	132	10-236		
2,2-Dichloropropane	0.222		0.040	mg/kg dry	0.149	ND	149	22.7-204		
cis-1,2-Dichloroethene	0.225		0.024	mg/kg dry	0.149	ND	150	36.9-180		
Chloroform	0.239		0.024	mg/kg dry	0.149	ND	160	54.4-176		
1,1,1-Trichloroethane (TCA)	0.211		0.024	mg/kg dry	0.149	ND	141	25.1-198		
Carbon tetrachloride	0.200		0.024	mg/kg dry	0.149	ND	134	14-216		
1,1-Dichloropropene	0.163		0.024	mg/kg dry	0.149	ND	109	42.3-147		
1,2-Dichloroethane (EDC)	0.245		0.024	mg/kg dry	0.149	ND	164	40.9-190		
Trichloroethene (SIM)	0.306		0.016	mg/kg dry	0.149	0.103	136	43-151		
1,2-Dichloropropane	0.214		0.024	mg/kg dry	0.149	ND	143	48.4-166		
cis-1,3-Dichloropropene	0.174		0.024	mg/kg dry	0.149	ND	116	10-200		
Trans-1,3-Dichloropropene	0.188		0.024	mg/kg dry	0.149	ND	126	31.6-146		
1,1,2-Trichloroethane	0.241		0.024	mg/kg dry	0.149	ND	161	37.6-187		
Tetrachloroethene (SIM)	0.152		0.016	mg/kg dry	0.149	ND	102	48-141		
2-Chlorotoluene	0.183		0.032	mg/kg dry	0.149	ND	123	33.9-142		
4-Chlorotoluene	0.179		0.032	mg/kg dry	0.149	ND	120	15.2-163		
1,3-Dichlorobenzene	0.210		0.032	mg/kg dry	0.149	ND	141	49.8-152		
1,4-Dichlorobenzene	0.201		0.032	mg/kg dry	0.149	ND	135	52.9-141		
1,2-Dichlorobenzene	0.196		0.032	mg/kg dry	0.149	ND	131	45.2-158		
Surrogate: Dibromofluoromethane			*23.1*	*ug/L*	*20.0*		*116*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*26.9*	*ug/L*	*20.0*		*135*	*32.2-196*		
Surrogate: Toluene-d8			*20.1*	*ug/L*	*20.0*		*101*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.7*	*ug/L*	*20.0*		*108*	*38.4-136*		
Matrix Spike Dup (BXI0117-MSD1)		**Parent: L23I071-01**			Prepared & Analyzed: 9/20/2023					
Chloromethane	0.127		0.048	mg/kg dry	0.149	ND	84.8	10-229	1.86	35
Vinyl Chloride (SIM)	0.115		0.016	mg/kg dry	0.149	ND	76.8	30.4-218	0.0346	35
Chloroethane	0.0465	R	0.048	mg/kg dry	0.149	ND	31.1	10-194	58.8	35
1,1-Dichloroethene	0.136		0.040	mg/kg dry	0.149	ND	91.2	44.2-190	11.0	35
trans-1,2-Dichloroethene	0.172		0.024	mg/kg dry	0.149	ND	115	35.2-199	4.52	35
1,1-Dichloroethane	0.158		0.024	mg/kg dry	0.149	ND	106	10-236	22.3	35
2,2-Dichloropropane	0.223		0.040	mg/kg dry	0.149	ND	149	22.7-204	0.161	35
cis-1,2-Dichloroethene	0.194		0.024	mg/kg dry	0.149	ND	130	36.9-180	14.8	35
Chloroform	0.236		0.024	mg/kg dry	0.149	ND	158	54.4-176	1.17	35
1,1,1-Trichloroethane (TCA)	0.221		0.024	mg/kg dry	0.149	ND	148	25.1-198	4.47	35
Carbon tetrachloride	0.201		0.024	mg/kg dry	0.149	ND	134	14-216	0.257	35
1,1-Dichloropropene	0.164		0.024	mg/kg dry	0.149	ND	110	42.3-147	0.243	35
1,2-Dichloroethane (EDC)	0.244		0.024	mg/kg dry	0.149	ND	163	40.9-190	0.276	35
Trichloroethene (SIM)	0.300		0.016	mg/kg dry	0.149	0.103	132	43-151	2.08	35
1,2-Dichloropropane	0.227		0.024	mg/kg dry	0.149	ND	152	48.4-166	6.08	35
cis-1,3-Dichloropropene	0.176		0.024	mg/kg dry	0.149	ND	118	10-200	1.52	35
Trans-1,3-Dichloropropene	0.192		0.024	mg/kg dry	0.149	ND	128	31.6-146	1.67	35
1,1,2-Trichloroethane	0.249		0.024	mg/kg dry	0.149	ND	167	37.6-187	3.38	35
Tetrachloroethene (SIM)	0.152		0.016	mg/kg dry	0.149	ND	102	48-141	0.391	35
2-Chlorotoluene	0.189		0.032	mg/kg dry	0.149	ND	127	33.9-142	3.32	35
4-Chlorotoluene	0.188		0.032	mg/kg dry	0.149	ND	126	15.2-163	4.94	35
1,3-Dichlorobenzene	0.204		0.032	mg/kg dry	0.149	ND	137	49.8-152	2.83	35

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I071
Reported: 09/27/2023 09:28

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXI0117-MSD1)		**Parent: L23I071-01**			Prepared & Analyzed: 9/20/2023					
1,4-Dichlorobenzene	0.216		0.032	mg/kg dry	0.149	ND	144	52.9-141	7.08	35
1,2-Dichlorobenzene	0.204		0.032	mg/kg dry	0.149	ND	137	45.2-158	4.02	35
Surrogate: Dibromofluoromethane			*22.8*	*ug/L*	*20.0*		*114*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*26.3*	*ug/L*	*20.0*		*132*	*32.2-196*		
Surrogate: Toluene-d8			*19.8*	*ug/L*	*20.0*		*98.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.3*	*ug/L*	*20.0*		*107*	*38.4-136*		

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Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I071
Reported: 09/27/2023 09:28

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXI0118 - Gen Chem										
LCS (BXI0118-BS1)					Prepared & Analyzed: 9/22/2023					
Moisture	18			%	17.0		106	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

Phone (360) 352-2110 • libbyenv@gmail.com

September 27, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23I081

Enclosed are the results of analyses for samples received by our laboratory on 9/21/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,



Sherry Chilcutt
Senior Chemist

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.co

Date: 9/21/23 Page: 1 of 1

Client: Whatcom Env
Project Manager: Aimee Pennell
Address:
Project Name: Sunset Commons
City: State: Zip:
Location: City, State: Bellingham, WA
Phone: Fax:
Collector: Thom Davis Date of Collection: 9/21/23
Client Project #
Email: Ted

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 Chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1	CO-24		10~~am~~			X														
2	CO-25		~~1005~~			X														
3	SS-89 14ft		1210			X														
4	SS-90 9ft		1215			X														
5	SS-91 19ft		1235			X														
6	SS-92 14ft		1415			X														
7	SS-93 9.5ft		1430			X														
8	SS-94 18ft		1455																	
9	SS-95 8.5ft		1500																	
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	9-21-23	Received by:	9/21/23
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks: ML

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay. Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23I081 **Reported:** 09/27/2023 09:40

Notes and Definitions

Item	Definition
R	High Relative Percent Difference observed.
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23I081-01	CO-24	Soil	09/21/2023	09/21/2023
L23I081-02	CO-25	Soil	09/21/2023	09/21/2023
L23I081-03	SS-89 14ft	Soil	09/21/2023	09/21/2023
L23I081-04	SS-90 9ft	Soil	09/21/2023	09/21/2023
L23I081-05	SS-91 19ft	Soil	09/21/2023	09/21/2023
L23I081-06	SS-92 14ft	Soil	09/21/2023	09/21/2023
L23I081-07	SS-93 9.5ft	Soil	09/21/2023	09/21/2023
L23I081-08	SS-94 18ft	Soil	09/21/2023	09/21/2023
L23I081-09	SS-95 8.5ft	Soil	09/21/2023	09/21/2023

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No duplication of this report is allowed, except in its entirety.

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23I081 **Reported:** 09/27/2023 09:40

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-93 9.5ft**			Lab#: L23I081-07		
Trichloroethene	0.020		mg/kg dry	0.015	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I081
Reported: 09/27/2023 09:40

Sample Results

Client Sample ID: CO-24

Lab ID: L23I081-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.044	mg/kg dry	09/21/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	09/21/2023	PB
Chloroethane	ND		0.044	mg/kg dry	09/21/2023	PB
1,1-Dichloroethene	ND		0.036	mg/kg dry	09/21/2023	PB
trans-1,2-Dichloroethene	ND		0.022	mg/kg dry	09/21/2023	PB
1,1-Dichloroethane	ND		0.022	mg/kg dry	09/21/2023	PB
2,2-Dichloropropane	ND		0.036	mg/kg dry	09/21/2023	PB
cis-1,2-Dichloroethene	ND		0.022	mg/kg dry	09/21/2023	PB
Chloroform	ND		0.022	mg/kg dry	09/21/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.022	mg/kg dry	09/21/2023	PB
Carbon tetrachloride	ND		0.022	mg/kg dry	09/21/2023	PB
1,1-Dichloropropene	ND		0.022	mg/kg dry	09/21/2023	PB
1,2-Dichloroethane (EDC)	ND		0.022	mg/kg dry	09/21/2023	PB
Trichloroethene (SIM)	ND		0.015	mg/kg dry	09/21/2023	PB
1,2-Dichloropropane	ND		0.022	mg/kg dry	09/21/2023	PB
cis-1,3-Dichloropropene	ND		0.022	mg/kg dry	09/21/2023	PB
Trans-1,3-Dichloropropene	ND		0.022	mg/kg dry	09/21/2023	PB
1,1,2-Trichloroethane	ND		0.022	mg/kg dry	09/21/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	09/21/2023	PB
2-Chlorotoluene	ND		0.029	mg/kg dry	09/21/2023	PB
4-Chlorotoluene	ND		0.029	mg/kg dry	09/21/2023	PB
1,3-Dichlorobenzene	ND		0.029	mg/kg dry	09/21/2023	PB
1,4-Dichlorobenzene	ND		0.029	mg/kg dry	09/21/2023	PB
1,2-Dichlorobenzene	ND		0.029	mg/kg dry	09/21/2023	PB
Surrogate: Dibromofluoromethane	*120%*		*22.9-220*		*09/21/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*142%*		*32.2-196*		*09/21/2023*	*PB*
Surrogate: Toluene-d8	*98.2%*		*47.3-146*		*09/21/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*92.4%*		*38.4-136*		*09/21/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	13		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I081
Reported: 09/27/2023 09:40

Sample Results (Continued)

Client Sample ID: CO-25

Lab ID: L23I081-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.045	mg/kg dry	09/21/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	09/21/2023	PB
Chloroethane	ND		0.045	mg/kg dry	09/21/2023	PB
1,1-Dichloroethene	ND		0.037	mg/kg dry	09/21/2023	PB
trans-1,2-Dichloroethene	ND		0.022	mg/kg dry	09/21/2023	PB
1,1-Dichloroethane	ND		0.022	mg/kg dry	09/21/2023	PB
2,2-Dichloropropane	ND		0.037	mg/kg dry	09/21/2023	PB
cis-1,2-Dichloroethene	ND		0.022	mg/kg dry	09/21/2023	PB
Chloroform	ND		0.022	mg/kg dry	09/21/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.022	mg/kg dry	09/21/2023	PB
Carbon tetrachloride	ND		0.022	mg/kg dry	09/21/2023	PB
1,1-Dichloropropene	ND		0.022	mg/kg dry	09/21/2023	PB
1,2-Dichloroethane (EDC)	ND		0.022	mg/kg dry	09/21/2023	PB
Trichloroethene (SIM)	ND		0.015	mg/kg dry	09/21/2023	PB
1,2-Dichloropropane	ND		0.022	mg/kg dry	09/21/2023	PB
cis-1,3-Dichloropropene	ND		0.022	mg/kg dry	09/21/2023	PB
Trans-1,3-Dichloropropene	ND		0.022	mg/kg dry	09/21/2023	PB
1,1,2-Trichloroethane	ND		0.022	mg/kg dry	09/21/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	09/21/2023	PB
2-Chlorotoluene	ND		0.030	mg/kg dry	09/21/2023	PB
4-Chlorotoluene	ND		0.030	mg/kg dry	09/21/2023	PB
1,3-Dichlorobenzene	ND		0.030	mg/kg dry	09/21/2023	PB
1,4-Dichlorobenzene	ND		0.030	mg/kg dry	09/21/2023	PB
1,2-Dichlorobenzene	ND		0.030	mg/kg dry	09/21/2023	PB
Surrogate: Dibromofluoromethane	*123%*		*22.9-220*		*09/21/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*154%*		*32.2-196*		*09/21/2023*	*PB*
Surrogate: Toluene-d8	*96.0%*		*47.3-146*		*09/21/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*97.1%*		*38.4-136*		*09/21/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	14		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I081
Reported: 09/27/2023 09:40

Sample Results (Continued)

Client Sample ID: SS-89 14ft

Lab ID: L23I081-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	09/21/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	09/21/2023	PB
Chloroethane	ND		0.050	mg/kg dry	09/21/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	09/21/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/21/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	09/21/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	09/21/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/21/2023	PB
Chloroform	ND		0.025	mg/kg dry	09/21/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	09/21/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	09/21/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	09/21/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	09/21/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	09/21/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	09/21/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/21/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/21/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	09/21/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	09/21/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	09/21/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	09/21/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	09/21/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	09/21/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	09/21/2023	PB
Surrogate: Dibromofluoromethane	*119%*		*22.9-220*		*09/21/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*147%*		*32.2-196*		*09/21/2023*	*PB*
Surrogate: Toluene-d8	*96.8%*		*47.3-146*		*09/21/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*100%*		*38.4-136*		*09/21/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I081
Reported: 09/27/2023 09:40

Sample Results (Continued)

Client Sample ID: SS-90 9ft

Lab ID: L23I081-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	09/21/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/21/2023	PB
Chloroethane	ND		0.049	mg/kg dry	09/21/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	09/21/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/21/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	09/21/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	09/21/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/21/2023	PB
Chloroform	ND		0.025	mg/kg dry	09/21/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	09/21/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	09/21/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	09/21/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	09/21/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	09/21/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	09/21/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/21/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/21/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	09/21/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/21/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	09/21/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	09/21/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	09/21/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	09/21/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	09/21/2023	PB
Surrogate: Dibromofluoromethane	*118%*		*22.9-220*		*09/21/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*146%*		*32.2-196*		*09/21/2023*	*PB*
Surrogate: Toluene-d8	*95.9%*		*47.3-146*		*09/21/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*95.2%*		*38.4-136*		*09/21/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I081
Reported: 09/27/2023 09:40

Sample Results (Continued)

Client Sample ID: SS-91 19ft

Lab ID: L23I081-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	09/21/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	09/21/2023	PB
Chloroethane	ND		0.050	mg/kg dry	09/21/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	09/21/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/21/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	09/21/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	09/21/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/21/2023	PB
Chloroform	ND		0.025	mg/kg dry	09/21/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	09/21/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	09/21/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	09/21/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	09/21/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	09/21/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	09/21/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/21/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/21/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	09/21/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	09/21/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	09/21/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	09/21/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	09/21/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	09/21/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	09/21/2023	PB
Surrogate: Dibromofluoromethane	*122%*		*22.9-220*		*09/21/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*145%*		*32.2-196*		*09/21/2023*	*PB*
Surrogate: Toluene-d8	*94.8%*		*47.3-146*		*09/21/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*98.2%*		*38.4-136*		*09/21/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I081
Reported: 09/27/2023 09:40

Sample Results (Continued)

Client Sample ID: SS-92 14ft

Lab ID: L23I081-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	09/21/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	09/21/2023	PB
Chloroethane	ND		0.051	mg/kg dry	09/21/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	09/21/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/21/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	09/21/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	09/21/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/21/2023	PB
Chloroform	ND		0.025	mg/kg dry	09/21/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	09/21/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	09/21/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	09/21/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	09/21/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	09/21/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	09/21/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/21/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/21/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	09/21/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	09/21/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	09/21/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	09/21/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	09/21/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	09/21/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	09/21/2023	PB
Surrogate: Dibromofluoromethane	*116%*		*22.9-220*		*09/21/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*129%*		*32.2-196*		*09/21/2023*	*PB*
Surrogate: Toluene-d8	*94.9%*		*47.3-146*		*09/21/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*99.1%*		*38.4-136*		*09/21/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	09/22/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I081
Reported: 09/27/2023 09:40

Sample Results (Continued)

Client Sample ID: SS-93 9.5ft

Lab ID: L23I081-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.046	mg/kg dry	09/21/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	09/21/2023	PB
Chloroethane	ND		0.046	mg/kg dry	09/21/2023	PB
1,1-Dichloroethene	ND		0.038	mg/kg dry	09/21/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	09/21/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	09/21/2023	PB
2,2-Dichloropropane	ND		0.038	mg/kg dry	09/21/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	09/21/2023	PB
Chloroform	ND		0.023	mg/kg dry	09/21/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	09/21/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	09/21/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	09/21/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	09/21/2023	PB
Trichloroethene (SIM)	0.020		0.015	mg/kg dry	09/21/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	09/21/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	09/21/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	09/21/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	09/21/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	09/21/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	09/21/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	09/21/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	09/21/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	09/21/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	09/21/2023	PB
Surrogate: Dibromofluoromethane	*119%*		*22.9-220*		*09/21/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*140%*		*32.2-196*		*09/21/2023*	*PB*
Surrogate: Toluene-d8	*97.0%*		*47.3-146*		*09/21/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*97.5%*		*38.4-136*		*09/21/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	15		0.50	%	09/22/2023	SG

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Sample Results (Continued)

Client Sample ID: SS-94 18ft

Lab ID: L23I081-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	09/21/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/21/2023	PB
Chloroethane	ND		0.049	mg/kg dry	09/21/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	09/21/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/21/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/21/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	09/21/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/21/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/21/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/21/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/21/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/21/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/21/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	09/21/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/21/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/21/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/21/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/21/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/21/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	09/21/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	09/21/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	09/21/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	09/21/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	09/21/2023	PB
Surrogate: Dibromofluoromethane	*117%*		*22.9-220*		*09/21/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*149%*		*32.2-196*		*09/21/2023*	*PB*
Surrogate: Toluene-d8	*96.9%*		*47.3-146*		*09/21/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*96.4%*		*38.4-136*		*09/21/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	09/22/2023	SG

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Sample Results (Continued)

Client Sample ID: SS-95 8.5ft

Lab ID: L23I081-09 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.045	mg/kg dry	09/21/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	09/21/2023	PB
Chloroethane	ND		0.045	mg/kg dry	09/21/2023	PB
1,1-Dichloroethene	ND		0.038	mg/kg dry	09/21/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	09/21/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	09/21/2023	PB
2,2-Dichloropropane	ND		0.038	mg/kg dry	09/21/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	09/21/2023	PB
Chloroform	ND		0.023	mg/kg dry	09/21/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	09/21/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	09/21/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	09/21/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	09/21/2023	PB
Trichloroethene (SIM)	ND		0.015	mg/kg dry	09/21/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	09/21/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	09/21/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	09/21/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	09/21/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	09/21/2023	PB
2-Chlorotoluene	ND		0.030	mg/kg dry	09/21/2023	PB
4-Chlorotoluene	ND		0.030	mg/kg dry	09/21/2023	PB
1,3-Dichlorobenzene	ND		0.030	mg/kg dry	09/21/2023	PB
1,4-Dichlorobenzene	ND		0.030	mg/kg dry	09/21/2023	PB
1,2-Dichlorobenzene	ND		0.030	mg/kg dry	09/21/2023	PB
Surrogate: Dibromofluoromethane	*117%*		*22.9-220*		*09/21/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*138%*		*32.2-196*		*09/21/2023*	*PB*
Surrogate: Toluene-d8	*95.0%*		*47.3-146*		*09/21/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*94.8%*		*38.4-136*		*09/21/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	14		0.50	%	09/22/2023	SG

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Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I081
Reported: 09/27/2023 09:40

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXI0128 - VOA										
Blank (BXI0128-BLK1)					Prepared & Analyzed: 9/21/2023					
Chloromethane	ND		0.030	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.010	mg/kg wet						
Chloroethane	ND		0.030	mg/kg wet						
1,1-Dichloroethene	ND		0.025	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.015	mg/kg wet						
1,1-Dichloroethane	ND		0.015	mg/kg wet						
2,2-Dichloropropane	ND		0.025	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.015	mg/kg wet						
Chloroform	ND		0.015	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.015	mg/kg wet						
Carbon tetrachloride	ND		0.015	mg/kg wet						
1,1-Dichloropropene	ND		0.015	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.015	mg/kg wet						
Trichloroethene (SIM)	ND		0.010	mg/kg wet						
1,2-Dichloropropane	ND		0.015	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.015	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.015	mg/kg wet						
1,1,2-Trichloroethane	ND		0.015	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.010	mg/kg wet						
2-Chlorotoluene	ND		0.020	mg/kg wet						
4-Chlorotoluene	ND		0.020	mg/kg wet						
1,3-Dichlorobenzene	ND		0.020	mg/kg wet						
1,4-Dichlorobenzene	ND		0.020	mg/kg wet						
1,2-Dichlorobenzene	ND		0.020	mg/kg wet						
Surrogate: Dibromofluoromethane			*23.2*	*ug/L*	*20.0*		*116*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*26.5*	*ug/L*	*20.0*		*132*	*32.2-196*		
Surrogate: Toluene-d8			*19.8*	*ug/L*	*20.0*		*99.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*18.4*	*ug/L*	*20.0*		*91.8*	*38.4-136*		
LCS (BXI0128-BS1)					Prepared & Analyzed: 9/21/2023					
Chloromethane	0.171		0.030	mg/kg wet	0.125		137	10-205		
Vinyl Chloride (SIM)	0.123		0.010	mg/kg wet	0.125		98.6	44.2-183		
Chloroethane	0.836	S3	0.030	mg/kg wet	0.125		669	12.4-218		
1,1-Dichloroethene	0.206		0.025	mg/kg wet	0.125		164	39.6-181		
trans-1,2-Dichloroethene	0.184		0.015	mg/kg wet	0.125		147	39.6-177		
1,1-Dichloroethane	0.166		0.015	mg/kg wet	0.125		133	24.1-182		
2,2-Dichloropropane	0.156		0.025	mg/kg wet	0.125		125	18.9-210		
cis-1,2-Dichloroethene	0.163		0.015	mg/kg wet	0.125		130	29.5-182		
Chloroform	0.155		0.015	mg/kg wet	0.125		124	53-168		
1,1,1-Trichloroethane (TCA)	0.151		0.015	mg/kg wet	0.125		121	10-228		
Carbon tetrachloride	0.140		0.015	mg/kg wet	0.125		112	44-185		
1,1-Dichloropropene	0.121		0.015	mg/kg wet	0.125		96.8	10-192		
1,2-Dichloroethane (EDC)	0.164		0.015	mg/kg wet	0.125		131	39.6-177		
Trichloroethene (SIM)	0.109		0.010	mg/kg wet	0.125		87.2	28.8-130		
1,2-Dichloropropane	0.141		0.015	mg/kg wet	0.125		113	43.7-140		
cis-1,3-Dichloropropene	0.107		0.015	mg/kg wet	0.125		85.5	38.5-134		
Trans-1,3-Dichloropropene	0.125		0.015	mg/kg wet	0.125		99.9	40.1-139		
1,1,2-Trichloroethane	0.154		0.015	mg/kg wet	0.125		123	42.7-171		
Tetrachloroethene (SIM)	0.109		0.010	mg/kg wet	0.125		87.4	30.4-159		
2-Chlorotoluene	0.117		0.020	mg/kg wet	0.125		93.3	35.8-131		

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Work Order: L23I081
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Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXI0128-BS1)					Prepared & Analyzed: 9/21/2023					
4-Chlorotoluene	0.114		0.020	mg/kg wet	0.125		91.2	37-131		
1,3-Dichlorobenzene	0.124		0.020	mg/kg wet	0.125		99.5	46.9-154		
1,4-Dichlorobenzene	0.133		0.020	mg/kg wet	0.125		106	50.6-146		
1,2-Dichlorobenzene	0.129		0.020	mg/kg wet	0.125		103	44.3-151		
Surrogate: Dibromofluoromethane			*23.7*	*ug/L*	*20.0*		*119*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*27.0*	*ug/L*	*20.0*		*135*	*32.2-196*		
Surrogate: Toluene-d8			*20.2*	*ug/L*	*20.0*		*101*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.5*	*ug/L*	*20.0*		*108*	*38.4-136*		
Duplicate (BXI0128-DUP1)		**Parent: L23I081-01**			Prepared & Analyzed: 9/21/2023					
Chloromethane	ND		0.044	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry		ND				35
Chloroethane	ND		0.044	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.036	mg/kg dry		0.0139				35
trans-1,2-Dichloroethene	ND		0.022	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.022	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.036	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.022	mg/kg dry		ND				35
Chloroform	ND		0.022	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.022	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.022	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.022	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.022	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.015	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.022	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.022	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.022	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.022	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.029	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.029	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.029	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.029	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.029	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*24.4*	*ug/L*	*20.0*		*122*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.9*	*ug/L*	*20.0*		*150*	*32.2-196*		
Surrogate: Toluene-d8			*19.2*	*ug/L*	*20.0*		*96.1*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*18.5*	*ug/L*	*20.0*		*92.4*	*38.4-136*		

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Work Order: L23I081
Reported: 09/27/2023 09:40

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXI0128-MS1)		**Parent: L23I081-01**			Prepared & Analyzed: 9/21/2023					
Chloromethane	0.269		0.044	mg/kg dry	0.144	ND	187	10-229		
Vinyl Chloride (SIM)	0.104		0.015	mg/kg dry	0.144	ND	72.5	30.4-218		
Chloroethane	0.112		0.044	mg/kg dry	0.144	ND	77.5	10-194		
1,1-Dichloroethene	0.137		0.036	mg/kg dry	0.144	0.0139	85.8	44.2-190		
trans-1,2-Dichloroethene	0.172		0.022	mg/kg dry	0.144	ND	120	35.2-199		
1,1-Dichloroethane	0.128		0.022	mg/kg dry	0.144	ND	89.2	10-236		
2,2-Dichloropropane	0.224		0.036	mg/kg dry	0.144	ND	156	22.7-204		
cis-1,2-Dichloroethene	0.236		0.022	mg/kg dry	0.144	ND	164	36.9-180		
Chloroform	0.230		0.022	mg/kg dry	0.144	ND	160	54.4-176		
1,1,1-Trichloroethane (TCA)	0.225		0.022	mg/kg dry	0.144	ND	156	25.1-198		
Carbon tetrachloride	0.217		0.022	mg/kg dry	0.144	ND	151	14-216		
1,1-Dichloropropene	0.181		0.022	mg/kg dry	0.144	ND	126	42.3-147		
1,2-Dichloroethane (EDC)	0.253		0.022	mg/kg dry	0.144	ND	175	40.9-190		
Trichloroethene (SIM)	0.164		0.015	mg/kg dry	0.144	ND	114	43-151		
1,2-Dichloropropane	0.208		0.022	mg/kg dry	0.144	ND	144	48.4-166		
cis-1,3-Dichloropropene	0.165		0.022	mg/kg dry	0.144	ND	115	10-200		
Trans-1,3-Dichloropropene	0.175		0.022	mg/kg dry	0.144	ND	121	31.6-146		
1,1,2-Trichloroethane	0.228		0.022	mg/kg dry	0.144	ND	158	37.6-187		
Tetrachloroethene (SIM)	0.150		0.015	mg/kg dry	0.144	ND	104	48-141		
2-Chlorotoluene	0.168		0.029	mg/kg dry	0.144	ND	117	33.9-142		
4-Chlorotoluene	0.159		0.029	mg/kg dry	0.144	ND	110	15.2-163		
1,3-Dichlorobenzene	0.186		0.029	mg/kg dry	0.144	ND	129	49.8-152		
1,4-Dichlorobenzene	0.187		0.029	mg/kg dry	0.144	ND	130	52.9-141		
1,2-Dichlorobenzene	0.178		0.029	mg/kg dry	0.144	ND	123	45.2-158		
Surrogate: Dibromofluoromethane			*23.6*	*ug/L*	*20.0*		*118*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*28.4*	*ug/L*	*20.0*		*142*	*32.2-196*		
Surrogate: Toluene-d8			*20.0*	*ug/L*	*20.0*		*100*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.6*	*ug/L*	*20.0*		*108*	*38.4-136*		
Matrix Spike Dup (BXI0128-MSD1)		**Parent: L23I081-01**			Prepared & Analyzed: 9/21/2023					
Chloromethane	0.258		0.044	mg/kg dry	0.144	ND	179	10-229	3.93	35
Vinyl Chloride (SIM)	0.0914		0.015	mg/kg dry	0.144	ND	63.5	30.4-218	13.3	35
Chloroethane	0.0827		0.044	mg/kg dry	0.144	ND	57.4	10-194	29.8	35
1,1-Dichloroethene	0.142		0.036	mg/kg dry	0.144	0.0139	88.7	44.2-190	3.00	35
trans-1,2-Dichloroethene	0.168		0.022	mg/kg dry	0.144	ND	116	35.2-199	2.63	35
1,1-Dichloroethane	0.109		0.022	mg/kg dry	0.144	ND	75.6	10-236	16.5	35
2,2-Dichloropropane	0.228		0.036	mg/kg dry	0.144	ND	159	22.7-204	1.90	35
cis-1,2-Dichloroethene	0.102	R	0.022	mg/kg dry	0.144	ND	70.8	36.9-180	79.3	35
Chloroform	0.224		0.022	mg/kg dry	0.144	ND	156	54.4-176	2.60	35
1,1,1-Trichloroethane (TCA)	0.218		0.022	mg/kg dry	0.144	ND	151	25.1-198	3.38	35
Carbon tetrachloride	0.212		0.022	mg/kg dry	0.144	ND	147	14-216	2.14	35
1,1-Dichloropropene	0.184		0.022	mg/kg dry	0.144	ND	128	42.3-147	1.45	35
1,2-Dichloroethane (EDC)	0.249		0.022	mg/kg dry	0.144	ND	173	40.9-190	1.28	35
Trichloroethene (SIM)	0.162		0.015	mg/kg dry	0.144	ND	112	43-151	1.21	35
1,2-Dichloropropane	0.206		0.022	mg/kg dry	0.144	ND	143	48.4-166	0.685	35
cis-1,3-Dichloropropene	0.169		0.022	mg/kg dry	0.144	ND	117	10-200	2.00	35
Trans-1,3-Dichloropropene	0.174		0.022	mg/kg dry	0.144	ND	121	31.6-146	0.396	35
1,1,2-Trichloroethane	0.233		0.022	mg/kg dry	0.144	ND	162	37.6-187	2.07	35
Tetrachloroethene (SIM)	0.148		0.015	mg/kg dry	0.144	ND	103	48-141	1.39	35
2-Chlorotoluene	0.165		0.029	mg/kg dry	0.144	ND	114	33.9-142	1.97	35
4-Chlorotoluene	0.159		0.029	mg/kg dry	0.144	ND	111	15.2-163	0.480	35
1,3-Dichlorobenzene	0.185		0.029	mg/kg dry	0.144	ND	129	49.8-152	0.275	35

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I081
Reported: 09/27/2023 09:40

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXI0128-MSD1)		**Parent: L23I081-01**			Prepared & Analyzed: 9/21/2023					
1,4-Dichlorobenzene	0.179		0.029	mg/kg dry	0.144	ND	124	52.9-141	4.22	35
1,2-Dichlorobenzene	0.186		0.029	mg/kg dry	0.144	ND	129	45.2-158	4.35	35
Surrogate: Dibromofluoromethane			*23.6*	*ug/L*	*20.0*		*118*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*28.4*	*ug/L*	*20.0*		*142*	*32.2-196*		
Surrogate: Toluene-d8			*19.8*	*ug/L*	*20.0*		*99.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.6*	*ug/L*	*20.0*		*108*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I081
Reported: 09/27/2023 09:40

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXI0129 - Gen Chem										
LCS (BXI0129-BS1)					Prepared: 9/21/2023 Analyzed: 9/22/2023					
Moisture	18			%	17.0		104	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

Phone (360) 352-2110 • libbyenv@gmail.com

October 05, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23I129

Enclosed are the results of analyses for samples received by our laboratory on 9/27/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,



Sherry Chilcutt
Senior Chemist

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Date: 9/27/23 Page: 1 of 1

Client: Whatcom Environmental
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Project Manager: Aimee Pennell
Project Name: Sunset Commons
Location: City, State: Bellingham, WA
Collector: Thom Davis Date of Collection: 9/27/23
Email: Ted

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 Chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1	SS-96 14ft		1030	Soil	1Jar, 2Voa	X														
2	CO-26		1500			X														
3	CO-27		1505			X														
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	9-27-23 1530	[signature]	9/27/23 1530
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks: ML

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23I129 **Reported:** 10/05/2023 11:50

Notes and Definitions

Item	Definition
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23I129-01	SS-96 14ft	Soil	09/27/2023	09/27/2023
L23I129-02	CO-26	Soil	09/27/2023	09/27/2023
L23I129-03	CO-27	Soil	09/27/2023	09/27/2023

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Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23I129 **Reported:** 10/05/2023 11:50

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-96 14ft**			Lab#: L23I129-01		
Trichloroethene	0.054		mg/kg dry	0.019	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I129
Reported: 10/05/2023 11:50

Sample Results

Client Sample ID: SS-96 14ft

Lab ID: L23I129-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.057	mg/kg dry	09/27/2023	PB
Vinyl Chloride (SIM)	ND		0.019	mg/kg dry	09/27/2023	PB
Chloroethane	ND		0.057	mg/kg dry	09/27/2023	PB
1,1-Dichloroethene	ND		0.048	mg/kg dry	09/27/2023	PB
trans-1,2-Dichloroethene	ND		0.029	mg/kg dry	09/27/2023	PB
1,1-Dichloroethane	ND		0.029	mg/kg dry	09/27/2023	PB
2,2-Dichloropropane	ND		0.048	mg/kg dry	09/27/2023	PB
cis-1,2-Dichloroethene	ND		0.029	mg/kg dry	09/27/2023	PB
Chloroform	ND		0.029	mg/kg dry	09/27/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.029	mg/kg dry	09/27/2023	PB
Carbon tetrachloride	ND		0.029	mg/kg dry	09/27/2023	PB
1,1-Dichloropropene	ND		0.029	mg/kg dry	09/27/2023	PB
1,2-Dichloroethane (EDC)	ND		0.029	mg/kg dry	09/27/2023	PB
Trichloroethene (SIM)	0.054		0.019	mg/kg dry	09/27/2023	PB
1,2-Dichloropropane	ND		0.029	mg/kg dry	09/27/2023	PB
cis-1,3-Dichloropropene	ND		0.029	mg/kg dry	09/27/2023	PB
Trans-1,3-Dichloropropene	ND		0.029	mg/kg dry	09/27/2023	PB
1,1,2-Trichloroethane	ND		0.029	mg/kg dry	09/27/2023	PB
Tetrachloroethene (SIM)	ND		0.019	mg/kg dry	09/27/2023	PB
2-Chlorotoluene	ND		0.038	mg/kg dry	09/27/2023	PB
4-Chlorotoluene	ND		0.038	mg/kg dry	09/27/2023	PB
1,3-Dichlorobenzene	ND		0.038	mg/kg dry	09/27/2023	PB
1,4-Dichlorobenzene	ND		0.038	mg/kg dry	09/27/2023	PB
1,2-Dichlorobenzene	ND		0.038	mg/kg dry	09/27/2023	PB
Surrogate: Dibromofluoromethane	*121%*		*22.9-220*		*09/27/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*131%*		*32.2-196*		*09/27/2023*	*PB*
Surrogate: Toluene-d8	*93.4%*		*47.3-146*		*09/27/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*110%*		*38.4-136*		*09/27/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	23		0.50	%	10/03/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I129
Reported: 10/05/2023 11:50

Sample Results (Continued)

Client Sample ID: CO-26

Lab ID: L23I129-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.00071	mg/kg dry	09/27/2023	PB
Vinyl Chloride (SIM)	ND		0.00024	mg/kg dry	09/27/2023	PB
Chloroethane	ND		0.00071	mg/kg dry	09/27/2023	PB
1,1-Dichloroethene	ND		0.00059	mg/kg dry	09/27/2023	PB
trans-1,2-Dichloroethene	ND		0.00035	mg/kg dry	09/27/2023	PB
1,1-Dichloroethane	ND		0.00035	mg/kg dry	09/27/2023	PB
2,2-Dichloropropane	ND		0.00059	mg/kg dry	09/27/2023	PB
cis-1,2-Dichloroethene	ND		0.00035	mg/kg dry	09/27/2023	PB
Chloroform	ND		0.00035	mg/kg dry	09/27/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.00035	mg/kg dry	09/27/2023	PB
Carbon tetrachloride	ND		0.00035	mg/kg dry	09/27/2023	PB
1,1-Dichloropropene	ND		0.00035	mg/kg dry	09/27/2023	PB
1,2-Dichloroethane (EDC)	ND		0.00035	mg/kg dry	09/27/2023	PB
Trichloroethene (SIM)	ND		0.00024	mg/kg dry	09/27/2023	PB
1,2-Dichloropropane	ND		0.00035	mg/kg dry	09/27/2023	PB
cis-1,3-Dichloropropene	ND		0.00035	mg/kg dry	09/27/2023	PB
Trans-1,3-Dichloropropene	ND		0.00035	mg/kg dry	09/27/2023	PB
1,1,2-Trichloroethane	ND		0.00035	mg/kg dry	09/27/2023	PB
Tetrachloroethene (SIM)	ND		0.00024	mg/kg dry	09/27/2023	PB
2-Chlorotoluene	ND		0.00047	mg/kg dry	09/27/2023	PB
4-Chlorotoluene	ND		0.00047	mg/kg dry	09/27/2023	PB
1,3-Dichlorobenzene	ND		0.00047	mg/kg dry	09/27/2023	PB
1,4-Dichlorobenzene	ND		0.00047	mg/kg dry	09/27/2023	PB
1,2-Dichlorobenzene	ND		0.00047	mg/kg dry	09/27/2023	PB
Surrogate: Dibromofluoromethane	*118%*		*22.9-220*		*09/27/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*124%*		*32.2-196*		*09/27/2023*	*PB*
Surrogate: Toluene-d8	*93.8%*		*47.3-146*		*09/27/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*108%*		*38.4-136*		*09/27/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	5.6		0.50	%	10/03/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I129
Reported: 10/05/2023 11:50

Sample Results (Continued)

Client Sample ID: CO-27

Lab ID: L23I129-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.042	mg/kg dry	09/27/2023	PB
Vinyl Chloride (SIM)	ND		0.014	mg/kg dry	09/27/2023	PB
Chloroethane	ND		0.042	mg/kg dry	09/27/2023	PB
1,1-Dichloroethene	ND		0.035	mg/kg dry	09/27/2023	PB
trans-1,2-Dichloroethene	ND		0.021	mg/kg dry	09/27/2023	PB
1,1-Dichloroethane	ND		0.021	mg/kg dry	09/27/2023	PB
2,2-Dichloropropane	ND		0.035	mg/kg dry	09/27/2023	PB
cis-1,2-Dichloroethene	ND		0.021	mg/kg dry	09/27/2023	PB
Chloroform	ND		0.021	mg/kg dry	09/27/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.021	mg/kg dry	09/27/2023	PB
Carbon tetrachloride	ND		0.021	mg/kg dry	09/27/2023	PB
1,1-Dichloropropene	ND		0.021	mg/kg dry	09/27/2023	PB
1,2-Dichloroethane (EDC)	ND		0.021	mg/kg dry	09/27/2023	PB
Trichloroethene (SIM)	ND		0.014	mg/kg dry	09/27/2023	PB
1,2-Dichloropropane	ND		0.021	mg/kg dry	09/27/2023	PB
cis-1,3-Dichloropropene	ND		0.021	mg/kg dry	09/27/2023	PB
Trans-1,3-Dichloropropene	ND		0.021	mg/kg dry	09/27/2023	PB
1,1,2-Trichloroethane	ND		0.021	mg/kg dry	09/27/2023	PB
Tetrachloroethene (SIM)	ND		0.014	mg/kg dry	09/27/2023	PB
2-Chlorotoluene	ND		0.028	mg/kg dry	09/27/2023	PB
4-Chlorotoluene	ND		0.028	mg/kg dry	09/27/2023	PB
1,3-Dichlorobenzene	ND		0.028	mg/kg dry	09/27/2023	PB
1,4-Dichlorobenzene	ND		0.028	mg/kg dry	09/27/2023	PB
1,2-Dichlorobenzene	ND		0.028	mg/kg dry	09/27/2023	PB
Surrogate: Dibromofluoromethane	*118%*		*22.9-220*		*09/27/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*130%*		*32.2-196*		*09/27/2023*	*PB*
Surrogate: Toluene-d8	*92.4%*		*47.3-146*		*09/27/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*109%*		*38.4-136*		*09/27/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	12		0.50	%	10/03/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I129
Reported: 10/05/2023 11:50

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXI0185 - VOA										
Blank (BXI0185-BLK1)					Prepared & Analyzed: 9/27/2023					
Chloromethane	ND		0.030	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.010	mg/kg wet						
Chloroethane	ND		0.030	mg/kg wet						
1,1-Dichloroethene	ND		0.025	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.015	mg/kg wet						
1,1-Dichloroethane	ND		0.015	mg/kg wet						
2,2-Dichloropropane	ND		0.025	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.015	mg/kg wet						
Chloroform	ND		0.015	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.015	mg/kg wet						
Carbon tetrachloride	ND		0.015	mg/kg wet						
1,1-Dichloropropene	ND		0.015	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.015	mg/kg wet						
Trichloroethene (SIM)	ND		0.010	mg/kg wet						
1,2-Dichloropropane	ND		0.015	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.015	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.015	mg/kg wet						
1,1,2-Trichloroethane	ND		0.015	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.010	mg/kg wet						
2-Chlorotoluene	ND		0.020	mg/kg wet						
4-Chlorotoluene	ND		0.020	mg/kg wet						
1,3-Dichlorobenzene	ND		0.020	mg/kg wet						
1,4-Dichlorobenzene	ND		0.020	mg/kg wet						
1,2-Dichlorobenzene	ND		0.020	mg/kg wet						
Surrogate: Dibromofluoromethane			*23.8*	*ug/L*	*20.0*		*119*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*26.9*	*ug/L*	*20.0*		*134*	*32.2-196*		
Surrogate: Toluene-d8			*19.0*	*ug/L*	*20.0*		*95.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.0*	*ug/L*	*20.0*		*105*	*38.4-136*		
LCS (BXI0185-BS1)					Prepared & Analyzed: 9/27/2023					
Chloromethane	0.0986		0.030	mg/kg wet	0.125		78.8	10-205		
Vinyl Chloride (SIM)	0.0854		0.010	mg/kg wet	0.125		68.4	44.2-183		
Chloroethane	0.640	S3	0.030	mg/kg wet	0.125		512	12.4-218		
1,1-Dichloroethene	0.164		0.025	mg/kg wet	0.125		131	39.6-181		
trans-1,2-Dichloroethene	0.163		0.015	mg/kg wet	0.125		130	39.6-177		
1,1-Dichloroethane	0.186		0.015	mg/kg wet	0.125		148	24.1-182		
2,2-Dichloropropane	0.152		0.025	mg/kg wet	0.125		121	18.9-210		
cis-1,2-Dichloroethene	0.160		0.015	mg/kg wet	0.125		128	29.5-182		
Chloroform	0.156		0.015	mg/kg wet	0.125		125	53-168		
1,1,1-Trichloroethane (TCA)	0.156		0.015	mg/kg wet	0.125		125	10-228		
Carbon tetrachloride	0.151		0.015	mg/kg wet	0.125		121	44-185		
1,1-Dichloropropene	0.131		0.015	mg/kg wet	0.125		105	10-192		
1,2-Dichloroethane (EDC)	0.165		0.015	mg/kg wet	0.125		132	39.6-177		
Trichloroethene (SIM)	0.120		0.010	mg/kg wet	0.125		96.3	28.8-130		
1,2-Dichloropropane	0.145		0.015	mg/kg wet	0.125		116	43.7-140		
cis-1,3-Dichloropropene	0.118		0.015	mg/kg wet	0.125		94.7	38.5-134		
Trans-1,3-Dichloropropene	0.132		0.015	mg/kg wet	0.125		106	40.1-139		
1,1,2-Trichloroethane	0.151		0.015	mg/kg wet	0.125		121	42.7-171		
Tetrachloroethene (SIM)	0.119		0.010	mg/kg wet	0.125		95.0	30.4-159		
2-Chlorotoluene	0.142		0.020	mg/kg wet	0.125		113	35.8-131		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I129
Reported: 10/05/2023 11:50

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXI0185-BS1)					Prepared & Analyzed: 9/27/2023					
4-Chlorotoluene	0.134		0.020	mg/kg wet	0.125		108	37-131		
1,3-Dichlorobenzene	0.132		0.020	mg/kg wet	0.125		106	46.9-154		
1,4-Dichlorobenzene	0.138		0.020	mg/kg wet	0.125		110	50.6-146		
1,2-Dichlorobenzene	0.132		0.020	mg/kg wet	0.125		106	44.3-151		
Surrogate: Dibromofluoromethane			*23.2*	*ug/L*	*20.0*		*116*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*24.6*	*ug/L*	*20.0*		*123*	*32.2-196*		
Surrogate: Toluene-d8			*19.6*	*ug/L*	*20.0*		*98.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.8*	*ug/L*	*20.0*		*109*	*38.4-136*		
Duplicate (BXI0185-DUP1)		**Parent: L23I129-01**			Prepared & Analyzed: 9/27/2023					
Chloromethane	ND		0.057	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.019	mg/kg dry		ND				35
Chloroethane	ND		0.057	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.048	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.029	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.029	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.048	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.029	mg/kg dry		ND				35
Chloroform	ND		0.029	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.029	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.029	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.029	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.029	mg/kg dry		ND				35
Trichloroethene (SIM)	0.0507		0.019	mg/kg dry		0.0539			6.22	35
1,2-Dichloropropane	ND		0.029	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.029	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.029	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.029	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.019	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.038	mg/kg dry		0.0141				35
4-Chlorotoluene	ND		0.038	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.038	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.038	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.038	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*23.5*	*ug/L*	*20.0*		*118*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*26.3*	*ug/L*	*20.0*		*132*	*32.2-196*		
Surrogate: Toluene-d8			*18.6*	*ug/L*	*20.0*		*93.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.7*	*ug/L*	*20.0*		*109*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I129
Reported: 10/05/2023 11:50

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXI0185-MS1)		**Parent: L23I129-01**			Prepared & Analyzed: 9/27/2023					
Chloromethane	0.202		0.057	mg/kg dry	0.222	ND	91.0	10-229		
Vinyl Chloride (SIM)	0.178		0.019	mg/kg dry	0.222	ND	80.2	30.4-218		
Chloroethane	0.148		0.057	mg/kg dry	0.222	ND	66.9	10-194		
1,1-Dichloroethene	0.282		0.048	mg/kg dry	0.222	ND	127	44.2-190		
trans-1,2-Dichloroethene	0.261		0.029	mg/kg dry	0.222	ND	118	35.2-199		
1,1-Dichloroethane	0.372		0.029	mg/kg dry	0.222	ND	168	10-236		
2,2-Dichloropropane	0.295		0.048	mg/kg dry	0.222	ND	133	22.7-204		
cis-1,2-Dichloroethene	0.317		0.029	mg/kg dry	0.222	ND	143	36.9-180		
Chloroform	0.320		0.029	mg/kg dry	0.222	ND	144	54.4-176		
1,1,1-Trichloroethane (TCA)	0.306		0.029	mg/kg dry	0.222	ND	138	25.1-198		
Carbon tetrachloride	0.292		0.029	mg/kg dry	0.222	ND	132	14-216		
1,1-Dichloropropene	0.251		0.029	mg/kg dry	0.222	ND	113	42.3-147		
1,2-Dichloroethane (EDC)	0.318		0.029	mg/kg dry	0.222	ND	143	40.9-190		
Trichloroethene (SIM)	0.269		0.019	mg/kg dry	0.222	0.0539	97.0	43-151		
1,2-Dichloropropane	0.294		0.029	mg/kg dry	0.222	ND	132	48.4-166		
cis-1,3-Dichloropropene	0.222		0.029	mg/kg dry	0.222	ND	100	10-200		
Trans-1,3-Dichloropropene	0.216		0.029	mg/kg dry	0.222	ND	97.2	31.6-146		
1,1,2-Trichloroethane	0.265		0.029	mg/kg dry	0.222	ND	119	37.6-187		
Tetrachloroethene (SIM)	0.212		0.019	mg/kg dry	0.222	ND	95.7	48-141		
2-Chlorotoluene	0.261		0.038	mg/kg dry	0.222	0.0141	112	33.9-142		
4-Chlorotoluene	0.268		0.038	mg/kg dry	0.222	ND	121	15.2-163		
1,3-Dichlorobenzene	0.252		0.038	mg/kg dry	0.222	ND	114	49.8-152		
1,4-Dichlorobenzene	0.257		0.038	mg/kg dry	0.222	ND	116	52.9-141		
1,2-Dichlorobenzene	0.256		0.038	mg/kg dry	0.222	ND	115	45.2-158		
Surrogate: Dibromofluoromethane			*23.2*	*ug/L*	*20.0*		*116*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*24.7*	*ug/L*	*20.0*		*123*	*32.2-196*		
Surrogate: Toluene-d8			*19.8*	*ug/L*	*20.0*		*99.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.3*	*ug/L*	*20.0*		*106*	*38.4-136*		
Matrix Spike Dup (BXI0185-MSD1)		**Parent: L23I129-01**			Prepared & Analyzed: 9/27/2023					
Chloromethane	0.199		0.057	mg/kg dry	0.222	ND	89.9	10-229	1.22	35
Vinyl Chloride (SIM)	0.172		0.019	mg/kg dry	0.222	ND	77.5	30.4-218	3.39	35
Chloroethane	0.154		0.057	mg/kg dry	0.222	ND	69.7	10-194	4.04	35
1,1-Dichloroethene	0.210		0.048	mg/kg dry	0.222	ND	94.5	44.2-190	29.7	35
trans-1,2-Dichloroethene	0.253		0.029	mg/kg dry	0.222	ND	114	35.2-199	3.20	35
1,1-Dichloroethane	0.369		0.029	mg/kg dry	0.222	ND	166	10-236	0.980	35
2,2-Dichloropropane	0.279		0.048	mg/kg dry	0.222	ND	126	22.7-204	5.57	35
cis-1,2-Dichloroethene	0.312		0.029	mg/kg dry	0.222	ND	141	36.9-180	1.37	35
Chloroform	0.304		0.029	mg/kg dry	0.222	ND	137	54.4-176	5.30	35
1,1,1-Trichloroethane (TCA)	0.295		0.029	mg/kg dry	0.222	ND	133	25.1-198	3.82	35
Carbon tetrachloride	0.288		0.029	mg/kg dry	0.222	ND	130	14-216	1.35	35
1,1-Dichloropropene	0.248		0.029	mg/kg dry	0.222	ND	112	42.3-147	1.09	35
1,2-Dichloroethane (EDC)	0.310		0.029	mg/kg dry	0.222	ND	140	40.9-190	2.59	35
Trichloroethene (SIM)	0.260		0.019	mg/kg dry	0.222	0.0539	92.7	43-151	3.56	35
1,2-Dichloropropane	0.280		0.029	mg/kg dry	0.222	ND	126	48.4-166	4.77	35
cis-1,3-Dichloropropene	0.214		0.029	mg/kg dry	0.222	ND	96.7	10-200	3.51	35
Trans-1,3-Dichloropropene	0.203		0.029	mg/kg dry	0.222	ND	91.8	31.6-146	5.80	35
1,1,2-Trichloroethane	0.246		0.029	mg/kg dry	0.222	ND	111	37.6-187	7.43	35
Tetrachloroethene (SIM)	0.201		0.019	mg/kg dry	0.222	ND	90.6	48-141	5.42	35
2-Chlorotoluene	0.262		0.038	mg/kg dry	0.222	0.0141	112	33.9-142	0.310	35
4-Chlorotoluene	0.264		0.038	mg/kg dry	0.222	ND	119	15.2-163	1.62	35
1,3-Dichlorobenzene	0.252		0.038	mg/kg dry	0.222	ND	114	49.8-152	0.133	35

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I129
Reported: 10/05/2023 11:50

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXI0185-MSD1)		**Parent: L23I129-01**			Prepared & Analyzed: 9/27/2023					
1,4-Dichlorobenzene	0.247		0.038	mg/kg dry	0.222	ND	112	52.9-141	3.78	35
1,2-Dichlorobenzene	0.250		0.038	mg/kg dry	0.222	ND	113	45.2-158	2.29	35
Surrogate: Dibromofluoromethane			*23.1*	*ug/L*	*20.0*		*116*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*23.8*	*ug/L*	*20.0*		*119*	*32.2-196*		
Surrogate: Toluene-d8			*19.4*	*ug/L*	*20.0*		*96.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.2*	*ug/L*	*20.0*		*106*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I129
Reported: 10/05/2023 11:50

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXI0186 - Gen Chem										
LCS (BXI0186-BS1)					Prepared: 9/27/2023 Analyzed: 10/3/2023					
Moisture	18			%	17.0		106	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

Phone (360) 352-2110 • libbyenv@gmail.com

October 05, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23I138

Enclosed are the results of analyses for samples received by our laboratory on 9/28/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,



Sherry Chilcutt
Senior Chemist

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.com

Date: 9/28/23 Page: 1 of 1

Client: Whatcom Environment
Project Manager: Aimee Pennell
Address:
Project Name: Sunset Commons
City: State: Zip:
Location: City, State: Bellingham, WA
Phone: Fax:
Collector: Thom Davis Date of Collection: 9/28/23
Client Project #
Email: Tel

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1	SS-97 14ft		1015	Soil	1 Jar-2 Vials	X														
2	SS-98 19.5ft		1020			X														
3	SS-99 9ft		1030			X														
4	SS-100 14ft																			
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
	9/28/23@		
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks: ML

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23I138 **Reported:** 10/05/2023 11:11

Notes and Definitions

Item	Definition
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23I138-01	SS-97 14ft	Soil	09/28/2023	09/28/2023
L23I138-02	SS-98 19.5ft	Soil	09/28/2023	09/28/2023
L23I138-03	SS-99 9ft	Soil	09/28/2023	09/28/2023
L23I138-04	SS-100 14ft	Soil	09/28/2023	09/28/2023

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Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23I138 **Reported:** 10/05/2023 11:11

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-97 14ft**			Lab#: L23I138-01		
cis-1,2-Dichloroethene	0.035		mg/kg dry	0.027	8260D
Trichloroethene	0.46		mg/kg dry	0.018	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I138
Reported: 10/05/2023 11:11

Sample Results

Client Sample ID: SS-97 14ft

Lab ID: L23I138-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.053	mg/kg dry	09/28/2023	PB
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry	09/28/2023	PB
Chloroethane	ND		0.053	mg/kg dry	09/28/2023	PB
1,1-Dichloroethene	ND		0.044	mg/kg dry	09/28/2023	PB
trans-1,2-Dichloroethene	ND		0.027	mg/kg dry	09/28/2023	PB
1,1-Dichloroethane	ND		0.027	mg/kg dry	09/28/2023	PB
2,2-Dichloropropane	ND		0.044	mg/kg dry	09/28/2023	PB
cis-1,2-Dichloroethene	0.035		0.027	mg/kg dry	09/28/2023	PB
Chloroform	ND		0.027	mg/kg dry	09/28/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.027	mg/kg dry	09/28/2023	PB
Carbon tetrachloride	ND		0.027	mg/kg dry	09/28/2023	PB
1,1-Dichloropropene	ND		0.027	mg/kg dry	09/28/2023	PB
1,2-Dichloroethane (EDC)	ND		0.027	mg/kg dry	09/28/2023	PB
Trichloroethene (SIM)	0.46		0.018	mg/kg dry	09/28/2023	PB
1,2-Dichloropropane	ND		0.027	mg/kg dry	09/28/2023	PB
cis-1,3-Dichloropropene	ND		0.027	mg/kg dry	09/28/2023	PB
Trans-1,3-Dichloropropene	ND		0.027	mg/kg dry	09/28/2023	PB
1,1,2-Trichloroethane	ND		0.027	mg/kg dry	09/28/2023	PB
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry	09/28/2023	PB
2-Chlorotoluene	ND		0.035	mg/kg dry	09/28/2023	PB
4-Chlorotoluene	ND		0.035	mg/kg dry	09/28/2023	PB
1,3-Dichlorobenzene	ND		0.035	mg/kg dry	09/28/2023	PB
1,4-Dichlorobenzene	ND		0.035	mg/kg dry	09/28/2023	PB
1,2-Dichlorobenzene	ND		0.035	mg/kg dry	09/28/2023	PB
Surrogate: Dibromofluoromethane	*103%*		*22.9-220*		*09/28/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*149%*		*32.2-196*		*09/28/2023*	*PB*
Surrogate: Toluene-d8	*90.9%*		*47.3-146*		*09/28/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*116%*		*38.4-136*		*09/28/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	20		0.50	%	10/03/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I138
Reported: 10/05/2023 11:11

Sample Results (Continued)

Client Sample ID: SS-98 19.5ft

Lab ID: L23I138-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.056	mg/kg dry	09/28/2023	PB
Vinyl Chloride (SIM)	ND		0.019	mg/kg dry	09/28/2023	PB
Chloroethane	ND		0.056	mg/kg dry	09/28/2023	PB
1,1-Dichloroethene	ND		0.047	mg/kg dry	09/28/2023	PB
trans-1,2-Dichloroethene	ND		0.028	mg/kg dry	09/28/2023	PB
1,1-Dichloroethane	ND		0.028	mg/kg dry	09/28/2023	PB
2,2-Dichloropropane	ND		0.047	mg/kg dry	09/28/2023	PB
cis-1,2-Dichloroethene	ND		0.028	mg/kg dry	09/28/2023	PB
Chloroform	ND		0.028	mg/kg dry	09/28/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.028	mg/kg dry	09/28/2023	PB
Carbon tetrachloride	ND		0.028	mg/kg dry	09/28/2023	PB
1,1-Dichloropropene	ND		0.028	mg/kg dry	09/28/2023	PB
1,2-Dichloroethane (EDC)	ND		0.028	mg/kg dry	09/28/2023	PB
Trichloroethene (SIM)	ND		0.019	mg/kg dry	09/28/2023	PB
1,2-Dichloropropane	ND		0.028	mg/kg dry	09/28/2023	PB
cis-1,3-Dichloropropene	ND		0.028	mg/kg dry	09/28/2023	PB
Trans-1,3-Dichloropropene	ND		0.028	mg/kg dry	09/28/2023	PB
1,1,2-Trichloroethane	ND		0.028	mg/kg dry	09/28/2023	PB
Tetrachloroethene (SIM)	ND		0.019	mg/kg dry	09/28/2023	PB
2-Chlorotoluene	ND		0.037	mg/kg dry	09/28/2023	PB
4-Chlorotoluene	ND		0.037	mg/kg dry	09/28/2023	PB
1,3-Dichlorobenzene	ND		0.037	mg/kg dry	09/28/2023	PB
1,4-Dichlorobenzene	ND		0.037	mg/kg dry	09/28/2023	PB
1,2-Dichlorobenzene	ND		0.037	mg/kg dry	09/28/2023	PB
Surrogate: Dibromofluoromethane	*103%*		*22.9-220*		*09/28/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*149%*		*32.2-196*		*09/28/2023*	*PB*
Surrogate: Toluene-d8	*91.3%*		*47.3-146*		*09/28/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*110%*		*38.4-136*		*09/28/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	22		0.50	%	10/03/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I138
Reported: 10/05/2023 11:11

Sample Results (Continued)

Client Sample ID: SS-99 9ft

Lab ID: L23I138-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	09/28/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	09/28/2023	PB
Chloroethane	ND		0.048	mg/kg dry	09/28/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	09/28/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/28/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	09/28/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	09/28/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	09/28/2023	PB
Chloroform	ND		0.024	mg/kg dry	09/28/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	09/28/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	09/28/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	09/28/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	09/28/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	09/28/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	09/28/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/28/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	09/28/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	09/28/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	09/28/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	09/28/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	09/28/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	09/28/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	09/28/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	09/28/2023	PB
Surrogate: Dibromofluoromethane	*94.4%*		*22.9-220*		*09/28/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*152%*		*32.2-196*		*09/28/2023*	*PB*
Surrogate: Toluene-d8	*89.9%*		*47.3-146*		*09/28/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*117%*		*38.4-136*		*09/28/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	10/03/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I138
Reported: 10/05/2023 11:11

Sample Results (Continued)

Client Sample ID: SS-100 14ft

Lab ID: L23I138-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	09/28/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	09/28/2023	PB
Chloroethane	ND		0.050	mg/kg dry	09/28/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	09/28/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/28/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	09/28/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	09/28/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	09/28/2023	PB
Chloroform	ND		0.025	mg/kg dry	09/28/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	09/28/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	09/28/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	09/28/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	09/28/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	09/28/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	09/28/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/28/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	09/28/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	09/28/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	09/28/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	09/28/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	09/28/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	09/28/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	09/28/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	09/28/2023	PB
Surrogate: Dibromofluoromethane	*133%*		*22.9-220*		*09/28/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*146%*		*32.2-196*		*09/28/2023*	*PB*
Surrogate: Toluene-d8	*93.2%*		*47.3-146*		*09/28/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*113%*		*38.4-136*		*09/28/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	10/03/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I138
Reported: 10/05/2023 11:11

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXI0196 - VOA										
Blank (BXI0196-BLK1)					Prepared & Analyzed: 9/28/2023					
Chloromethane	ND		0.030	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.010	mg/kg wet						
Chloroethane	ND		0.030	mg/kg wet						
1,1-Dichloroethene	ND		0.025	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.015	mg/kg wet						
1,1-Dichloroethane	ND		0.015	mg/kg wet						
2,2-Dichloropropane	ND		0.025	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.015	mg/kg wet						
Chloroform	ND		0.015	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.015	mg/kg wet						
Carbon tetrachloride	ND		0.015	mg/kg wet						
1,1-Dichloropropene	ND		0.015	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.015	mg/kg wet						
Trichloroethene (SIM)	ND		0.010	mg/kg wet						
1,2-Dichloropropane	ND		0.015	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.015	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.015	mg/kg wet						
1,1,2-Trichloroethane	ND		0.015	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.010	mg/kg wet						
2-Chlorotoluene	ND		0.020	mg/kg wet						
4-Chlorotoluene	ND		0.020	mg/kg wet						
1,3-Dichlorobenzene	ND		0.020	mg/kg wet						
1,4-Dichlorobenzene	ND		0.020	mg/kg wet						
1,2-Dichlorobenzene	ND		0.020	mg/kg wet						
Surrogate: Dibromofluoromethane			*26.2*	*ug/L*	*20.0*		*131*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.8*	*ug/L*	*20.0*		*149*	*32.2-196*		
Surrogate: Toluene-d8			*18.2*	*ug/L*	*20.0*		*90.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.8*	*ug/L*	*20.0*		*99.0*	*38.4-136*		
LCS (BXI0196-BS1)					Prepared & Analyzed: 9/28/2023					
Chloromethane	0.111		0.030	mg/kg wet	0.125		88.8	10-205		
Vinyl Chloride (SIM)	0.0926		0.010	mg/kg wet	0.125		74.0	44.2-183		
Chloroethane	0.491	S3	0.030	mg/kg wet	0.125		393	12.4-218		
1,1-Dichloroethene	0.181		0.025	mg/kg wet	0.125		144	39.6-181		
trans-1,2-Dichloroethene	0.171		0.015	mg/kg wet	0.125		137	39.6-177		
1,1-Dichloroethane	0.163		0.015	mg/kg wet	0.125		130	24.1-182		
2,2-Dichloropropane	0.158		0.025	mg/kg wet	0.125		127	18.9-210		
cis-1,2-Dichloroethene	0.157		0.015	mg/kg wet	0.125		126	29.5-182		
Chloroform	0.153		0.015	mg/kg wet	0.125		122	53-168		
1,1,1-Trichloroethane (TCA)	0.148		0.015	mg/kg wet	0.125		118	10-228		
Carbon tetrachloride	0.140		0.015	mg/kg wet	0.125		112	44-185		
1,1-Dichloropropene	0.139		0.015	mg/kg wet	0.125		111	10-192		
1,2-Dichloroethane (EDC)	0.203		0.015	mg/kg wet	0.125		162	39.6-177		
Trichloroethene (SIM)	0.129		0.010	mg/kg wet	0.125		103	28.8-130		
1,2-Dichloropropane	0.165		0.015	mg/kg wet	0.125		132	43.7-140		
cis-1,3-Dichloropropene	0.124		0.015	mg/kg wet	0.125		99.3	38.5-134		
Trans-1,3-Dichloropropene	0.144		0.015	mg/kg wet	0.125		115	40.1-139		
1,1,2-Trichloroethane	0.189		0.015	mg/kg wet	0.125		151	42.7-171		
Tetrachloroethene (SIM)	0.119		0.010	mg/kg wet	0.125		95.4	30.4-159		
2-Chlorotoluene	0.133		0.020	mg/kg wet	0.125		107	35.8-131		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I138
Reported: 10/05/2023 11:11

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXI0196-BS1)					Prepared & Analyzed: 9/28/2023					
4-Chlorotoluene	0.126		0.020	mg/kg wet	0.125		101	37-131		
1,3-Dichlorobenzene	0.141		0.020	mg/kg wet	0.125		113	46.9-154		
1,4-Dichlorobenzene	0.140		0.020	mg/kg wet	0.125		112	50.6-146		
1,2-Dichlorobenzene	0.142		0.020	mg/kg wet	0.125		113	44.3-151		
Surrogate: Dibromofluoromethane			*21.5*	*ug/L*	*20.0*		*107*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.2*	*ug/L*	*20.0*		*146*	*32.2-196*		
Surrogate: Toluene-d8			*18.6*	*ug/L*	*20.0*		*93.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*23.7*	*ug/L*	*20.0*		*118*	*38.4-136*		
Duplicate (BXI0196-DUP1)		**Parent: L23I138-03**			Prepared & Analyzed: 9/28/2023					
Chloromethane	ND		0.048	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry		ND				35
Chloroethane	ND		0.048	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.040	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.024	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.040	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
Chloroform	ND		0.024	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.024	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.024	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.024	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*21.1*	*ug/L*	*20.0*		*106*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*28.3*	*ug/L*	*20.0*		*141*	*32.2-196*		
Surrogate: Toluene-d8			*18.5*	*ug/L*	*20.0*		*92.4*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.8*	*ug/L*	*20.0*		*109*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23I138
Reported: 10/05/2023 11:11

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXI0196-MS1)		**Parent: L23I138-03**			Prepared & Analyzed: 9/28/2023					
Chloromethane	0.150		0.048	mg/kg dry	0.199	ND	75.1	10-229		
Vinyl Chloride (SIM)	0.0704		0.016	mg/kg dry	0.199	ND	35.3	30.4-218		
Chloroethane	0.0568		0.048	mg/kg dry	0.199	ND	28.5	10-194		
1,1-Dichloroethene	0.152		0.040	mg/kg dry	0.199	ND	76.5	44.2-190		
trans-1,2-Dichloroethene	0.184		0.024	mg/kg dry	0.199	ND	92.3	35.2-199		
1,1-Dichloroethane	0.167		0.024	mg/kg dry	0.199	ND	84.0	10-236		
2,2-Dichloropropane	0.183		0.040	mg/kg dry	0.199	ND	91.7	22.7-204		
cis-1,2-Dichloroethene	0.176		0.024	mg/kg dry	0.199	ND	88.4	36.9-180		
Chloroform	0.252		0.024	mg/kg dry	0.199	ND	127	54.4-176		
1,1,1-Trichloroethane (TCA)	0.230		0.024	mg/kg dry	0.199	ND	115	25.1-198		
Carbon tetrachloride	0.225		0.024	mg/kg dry	0.199	ND	113	14-216		
1,1-Dichloropropene	0.175		0.024	mg/kg dry	0.199	ND	87.7	42.3-147		
1,2-Dichloroethane (EDC)	0.261		0.024	mg/kg dry	0.199	ND	131	40.9-190		
Trichloroethene (SIM)	0.188		0.016	mg/kg dry	0.199	ND	94.1	43-151		
1,2-Dichloropropane	0.222		0.024	mg/kg dry	0.199	ND	111	48.4-166		
cis-1,3-Dichloropropene	0.165		0.024	mg/kg dry	0.199	ND	82.9	10-200		
Trans-1,3-Dichloropropene	0.165		0.024	mg/kg dry	0.199	ND	83.0	31.6-146		
1,1,2-Trichloroethane	0.231		0.024	mg/kg dry	0.199	ND	116	37.6-187		
Tetrachloroethene (SIM)	0.147		0.016	mg/kg dry	0.199	ND	74.0	48-141		
2-Chlorotoluene	0.162		0.032	mg/kg dry	0.199	ND	81.4	33.9-142		
4-Chlorotoluene	0.161		0.032	mg/kg dry	0.199	ND	80.8	15.2-163		
1,3-Dichlorobenzene	0.171		0.032	mg/kg dry	0.199	ND	85.7	49.8-152		
1,4-Dichlorobenzene	0.179		0.032	mg/kg dry	0.199	ND	89.7	52.9-141		
1,2-Dichlorobenzene	0.177		0.032	mg/kg dry	0.199	ND	89.0	45.2-158		
Surrogate: Dibromofluoromethane			*26.3*	*ug/L*	*20.0*		*131*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.1*	*ug/L*	*20.0*		*145*	*32.2-196*		
Surrogate: Toluene-d8			*18.8*	*ug/L*	*20.0*		*94.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*23.3*	*ug/L*	*20.0*		*116*	*38.4-136*		

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Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23I138 **Reported:** 10/05/2023 11:11

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXI0197 - Gen Chem										
LCS (BXI0197-BS1)					Prepared: 9/28/2023 Analyzed: 10/3/2023					
Moisture	18			%	17.0		106	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

October 11, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23J016

Enclosed are the results of analyses for samples received by our laboratory on 10/5/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

2305016

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.com

Date: 10/5/23 Page: 1 of 1

Client: Whatcom Env.
Project Manager: Aimee Pennell
Address:
Project Name: Sunset Commons
City: State: Zip:
Location: City, State: Bellingham, WA
Phone: Fax:
Collector: Thom Davis Date of Collection: 10/5/23
Client Project #
Email:

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 Chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1	SS-101 9ft		845	Soil	1 Jar, 2 Voas	X														
2	SS-102 14ft		1010			X														
3	SS-103 19ft		1035			X														
4	SS-104 9ft.		1040			X														
5	CO-28		1345			X														
6	CO-29		1350			X														
7	SS-105 14ft		1415			X														
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
		Paul Burk	10/5/23 1621
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

ML

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23J016 **Reported:** 10/11/2023 09:58

Notes and Definitions

Item	Definition
R	High Relative Percent Difference observed.
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23J016-01	SS-101 9ft	Soil	10/05/2023	10/05/2023
L23J016-02	SS-102 14ft	Soil	10/05/2023	10/05/2023
L23J016-03	SS-103 19ft	Soil	10/05/2023	10/05/2023
L23J016-04	SS-104 9ft	Soil	10/05/2023	10/05/2023
L23J016-05	CO-28	Soil	10/05/2023	10/05/2023
L23J016-06	CO-29	Soil	10/05/2023	10/05/2023
L23J016-07	SS-105 14ft	Soil	10/05/2023	10/05/2023

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Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23J016 **Reported:** 10/11/2023 09:58

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-101 9ft**			Lab#: L23J016-01		
Trichloroethene	0.033		mg/kg dry	0.016	8260D
Sample: **SS-104 9ft**			Lab#: L23J016-04		
Trichloroethene	0.081		mg/kg dry	0.016	8260D
Sample: **SS-105 14ft**			Lab#: L23J016-07		
Trichloroethene	0.023		mg/kg dry	0.016	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J016
Reported: 10/11/2023 09:58

Sample Results

Client Sample ID: SS-101 9ft

Lab ID: L23J016-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	10/05/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/05/2023	PB
Chloroethane	ND		0.049	mg/kg dry	10/05/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	10/05/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/05/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	10/05/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	10/05/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/05/2023	PB
Chloroform	ND		0.024	mg/kg dry	10/05/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	10/05/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	10/05/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	10/05/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	10/05/2023	PB
Trichloroethene (SIM)	0.033		0.016	mg/kg dry	10/05/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	10/05/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/05/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/05/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	10/05/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/05/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	10/05/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	10/05/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	10/05/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	10/05/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	10/05/2023	PB
Surrogate: Dibromofluoromethane	*108%*		*22.9-220*		*10/05/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*138%*		*32.2-196*		*10/05/2023*	*PB*
Surrogate: Toluene-d8	*87.8%*		*47.3-146*		*10/05/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*111%*		*38.4-136*		*10/05/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	10/10/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J016
Reported: 10/11/2023 09:58

Sample Results (Continued)

Client Sample ID: SS-102 14ft

Lab ID: L23J016-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	10/05/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	10/05/2023	PB
Chloroethane	ND		0.050	mg/kg dry	10/05/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	10/05/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/05/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/05/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	10/05/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/05/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/05/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/05/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/05/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/05/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/05/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	10/05/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/05/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/05/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/05/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/05/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	10/05/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	10/05/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	10/05/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	10/05/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	10/05/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	10/05/2023	PB
Surrogate: Dibromofluoromethane	*132%*		*22.9-220*		*10/05/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*156%*		*32.2-196*		*10/05/2023*	*PB*
Surrogate: Toluene-d8	*94.0%*		*47.3-146*		*10/05/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*112%*		*38.4-136*		*10/05/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	10/10/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J016
Reported: 10/11/2023 09:58

Sample Results (Continued)

Client Sample ID: SS-103 19ft

Lab ID: L23J016-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	10/05/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	10/05/2023	PB
Chloroethane	ND		0.051	mg/kg dry	10/05/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	10/05/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/05/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/05/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	10/05/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/05/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/05/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/05/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/05/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/05/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/05/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	10/05/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/05/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/05/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/05/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/05/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	10/05/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	10/05/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	10/05/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	10/05/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	10/05/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	10/05/2023	PB
Surrogate: Dibromofluoromethane	*133%*		*22.9-220*		*10/05/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*164%*		*32.2-196*		*10/05/2023*	*PB*
Surrogate: Toluene-d8	*91.2%*		*47.3-146*		*10/05/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*119%*		*38.4-136*		*10/05/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	10/10/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J016
Reported: 10/11/2023 09:58

Sample Results (Continued)

Client Sample ID: SS-104 9ft

Lab ID: L23J016-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	10/05/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/05/2023	PB
Chloroethane	ND		0.048	mg/kg dry	10/05/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	10/05/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/05/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	10/05/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	10/05/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/05/2023	PB
Chloroform	ND		0.024	mg/kg dry	10/05/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	10/05/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	10/05/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	10/05/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	10/05/2023	PB
Trichloroethene (SIM)	0.081		0.016	mg/kg dry	10/05/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	10/05/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/05/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/05/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	10/05/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/05/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	10/05/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	10/05/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	10/05/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	10/05/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	10/05/2023	PB
Surrogate: Dibromofluoromethane	*135%*		*22.9-220*		*10/05/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*157%*		*32.2-196*		*10/05/2023*	*PB*
Surrogate: Toluene-d8	*93.0%*		*47.3-146*		*10/05/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*114%*		*38.4-136*		*10/05/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	10/10/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J016
Reported: 10/11/2023 09:58

Sample Results (Continued)

Client Sample ID: CO-28

Lab ID: L23J016-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.042	mg/kg dry	10/05/2023	PB
Vinyl Chloride (SIM)	ND		0.014	mg/kg dry	10/05/2023	PB
Chloroethane	ND		0.042	mg/kg dry	10/05/2023	PB
1,1-Dichloroethene	ND		0.035	mg/kg dry	10/05/2023	PB
trans-1,2-Dichloroethene	ND		0.021	mg/kg dry	10/05/2023	PB
1,1-Dichloroethane	ND		0.021	mg/kg dry	10/05/2023	PB
2,2-Dichloropropane	ND		0.035	mg/kg dry	10/05/2023	PB
cis-1,2-Dichloroethene	ND		0.021	mg/kg dry	10/05/2023	PB
Chloroform	ND		0.021	mg/kg dry	10/05/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.021	mg/kg dry	10/05/2023	PB
Carbon tetrachloride	ND		0.021	mg/kg dry	10/05/2023	PB
1,1-Dichloropropene	ND		0.021	mg/kg dry	10/05/2023	PB
1,2-Dichloroethane (EDC)	ND		0.021	mg/kg dry	10/05/2023	PB
Trichloroethene (SIM)	ND		0.014	mg/kg dry	10/05/2023	PB
1,2-Dichloropropane	ND		0.021	mg/kg dry	10/05/2023	PB
cis-1,3-Dichloropropene	ND		0.021	mg/kg dry	10/05/2023	PB
Trans-1,3-Dichloropropene	ND		0.021	mg/kg dry	10/05/2023	PB
1,1,2-Trichloroethane	ND		0.021	mg/kg dry	10/05/2023	PB
Tetrachloroethene (SIM)	ND		0.014	mg/kg dry	10/05/2023	PB
2-Chlorotoluene	ND		0.028	mg/kg dry	10/05/2023	PB
4-Chlorotoluene	ND		0.028	mg/kg dry	10/05/2023	PB
1,3-Dichlorobenzene	ND		0.028	mg/kg dry	10/05/2023	PB
1,4-Dichlorobenzene	ND		0.028	mg/kg dry	10/05/2023	PB
1,2-Dichlorobenzene	ND		0.028	mg/kg dry	10/05/2023	PB
Surrogate: Dibromofluoromethane	*120%*		*22.9-220*		*10/05/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*167%*		*32.2-196*		*10/05/2023*	*PB*
Surrogate: Toluene-d8	*91.4%*		*47.3-146*		*10/05/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*111%*		*38.4-136*		*10/05/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	12		0.50	%	10/10/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J016
Reported: 10/11/2023 09:58

Sample Results (Continued)

Client Sample ID: CO-29

Lab ID: L23J016-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.044	mg/kg dry	10/05/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	10/05/2023	PB
Chloroethane	ND		0.044	mg/kg dry	10/05/2023	PB
1,1-Dichloroethene	ND		0.037	mg/kg dry	10/05/2023	PB
trans-1,2-Dichloroethene	ND		0.022	mg/kg dry	10/05/2023	PB
1,1-Dichloroethane	ND		0.022	mg/kg dry	10/05/2023	PB
2,2-Dichloropropane	ND		0.037	mg/kg dry	10/05/2023	PB
cis-1,2-Dichloroethene	ND		0.022	mg/kg dry	10/05/2023	PB
Chloroform	ND		0.022	mg/kg dry	10/05/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.022	mg/kg dry	10/05/2023	PB
Carbon tetrachloride	ND		0.022	mg/kg dry	10/05/2023	PB
1,1-Dichloropropene	ND		0.022	mg/kg dry	10/05/2023	PB
1,2-Dichloroethane (EDC)	ND		0.022	mg/kg dry	10/05/2023	PB
Trichloroethene (SIM)	ND		0.015	mg/kg dry	10/05/2023	PB
1,2-Dichloropropane	ND		0.022	mg/kg dry	10/05/2023	PB
cis-1,3-Dichloropropene	ND		0.022	mg/kg dry	10/05/2023	PB
Trans-1,3-Dichloropropene	ND		0.022	mg/kg dry	10/05/2023	PB
1,1,2-Trichloroethane	ND		0.022	mg/kg dry	10/05/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	10/05/2023	PB
2-Chlorotoluene	ND		0.029	mg/kg dry	10/05/2023	PB
4-Chlorotoluene	ND		0.029	mg/kg dry	10/05/2023	PB
1,3-Dichlorobenzene	ND		0.029	mg/kg dry	10/05/2023	PB
1,4-Dichlorobenzene	ND		0.029	mg/kg dry	10/05/2023	PB
1,2-Dichlorobenzene	ND		0.029	mg/kg dry	10/05/2023	PB
Surrogate: Dibromofluoromethane	*139%*		*22.9-220*		*10/05/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*164%*		*32.2-196*		*10/05/2023*	*PB*
Surrogate: Toluene-d8	*94.4%*		*47.3-146*		*10/05/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*110%*		*38.4-136*		*10/05/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	13		0.50	%	10/10/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J016
Reported: 10/11/2023 09:58

Sample Results (Continued)

Client Sample ID: SS-105 14ft

Lab ID: L23J016-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	10/05/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/05/2023	PB
Chloroethane	ND		0.049	mg/kg dry	10/05/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	10/05/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/05/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/05/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	10/05/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/05/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/05/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/05/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/05/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/05/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/05/2023	PB
Trichloroethene (SIM)	0.023		0.016	mg/kg dry	10/05/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/05/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/05/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/05/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/05/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/05/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	10/05/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	10/05/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	10/05/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	10/05/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	10/05/2023	PB
Surrogate: Dibromofluoromethane	*135%*		*22.9-220*		*10/05/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*160%*		*32.2-196*		*10/05/2023*	*PB*
Surrogate: Toluene-d8	*93.9%*		*47.3-146*		*10/05/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*103%*		*38.4-136*		*10/05/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	10/10/2023	SG

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Whatcom Environmental Services
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Bellingham, WA 98225

Project: Sunset Commons
Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J016
Reported: 10/11/2023 09:58

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0034 - VOA										
Blank (BXJ0034-BLK1)					Prepared & Analyzed: 10/5/2023					
Chloromethane	ND		0.030	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.010	mg/kg wet						
Chloroethane	ND		0.030	mg/kg wet						
1,1-Dichloroethene	ND		0.025	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.015	mg/kg wet						
1,1-Dichloroethane	ND		0.015	mg/kg wet						
2,2-Dichloropropane	ND		0.025	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.015	mg/kg wet						
Chloroform	ND		0.015	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.015	mg/kg wet						
Carbon tetrachloride	ND		0.015	mg/kg wet						
1,1-Dichloropropene	ND		0.015	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.015	mg/kg wet						
Trichloroethene (SIM)	ND		0.010	mg/kg wet						
1,2-Dichloropropane	ND		0.015	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.015	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.015	mg/kg wet						
1,1,2-Trichloroethane	ND		0.015	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.010	mg/kg wet						
2-Chlorotoluene	ND		0.020	mg/kg wet						
4-Chlorotoluene	ND		0.020	mg/kg wet						
1,3-Dichlorobenzene	ND		0.020	mg/kg wet						
1,4-Dichlorobenzene	ND		0.020	mg/kg wet						
1,2-Dichlorobenzene	ND		0.020	mg/kg wet						
Surrogate: Dibromofluoromethane			*19.4*	*ug/L*	*20.0*		*97.2*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*30.9*	*ug/L*	*20.0*		*154*	*32.2-196*		
Surrogate: Toluene-d8			*18.7*	*ug/L*	*20.0*		*93.3*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.4*	*ug/L*	*20.0*		*97.1*	*38.4-136*		
LCS (BXJ0034-BS1)					Prepared & Analyzed: 10/5/2023					
Chloromethane	0.105		0.030	mg/kg wet	0.125		83.8	10-205		
Vinyl Chloride (SIM)	0.0777		0.010	mg/kg wet	0.125		62.2	44.2-183		
Chloroethane	0.274	S3	0.030	mg/kg wet	0.125		219	12.4-218		
1,1-Dichloroethene	0.107		0.025	mg/kg wet	0.125		85.7	39.6-181		
trans-1,2-Dichloroethene	0.122		0.015	mg/kg wet	0.125		97.9	39.6-177		
1,1-Dichloroethane	0.117		0.015	mg/kg wet	0.125		93.5	24.1-182		
2,2-Dichloropropane	0.115		0.025	mg/kg wet	0.125		92.3	18.9-210		
cis-1,2-Dichloroethene	0.114		0.015	mg/kg wet	0.125		91.0	29.5-182		
Chloroform	0.108		0.015	mg/kg wet	0.125		86.1	53-168		
1,1,1-Trichloroethane (TCA)	0.104		0.015	mg/kg wet	0.125		83.2	10-228		
Carbon tetrachloride	0.0980		0.015	mg/kg wet	0.125		78.4	44-185		
1,1-Dichloropropene	0.114		0.015	mg/kg wet	0.125		91.5	10-192		
1,2-Dichloroethane (EDC)	0.149		0.015	mg/kg wet	0.125		119	39.6-177		
Trichloroethene (SIM)	0.102		0.010	mg/kg wet	0.125		81.4	28.8-130		
1,2-Dichloropropane	0.132		0.015	mg/kg wet	0.125		105	43.7-140		
cis-1,3-Dichloropropene	0.102		0.015	mg/kg wet	0.125		81.8	38.5-134		
Trans-1,3-Dichloropropene	0.123		0.015	mg/kg wet	0.125		98.1	40.1-139		
1,1,2-Trichloroethane	0.149		0.015	mg/kg wet	0.125		119	42.7-171		
Tetrachloroethene (SIM)	0.0966		0.010	mg/kg wet	0.125		77.3	30.4-159		
2-Chlorotoluene	0.111		0.020	mg/kg wet	0.125		89.0	35.8-131		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J016
Reported: 10/11/2023 09:58

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXJ0034-BS1)					Prepared & Analyzed: 10/5/2023					
4-Chlorotoluene	0.108		0.020	mg/kg wet	0.125		86.6	37-131		
1,3-Dichlorobenzene	0.117		0.020	mg/kg wet	0.125		93.2	46.9-154		
1,4-Dichlorobenzene	0.120		0.020	mg/kg wet	0.125		96.0	50.6-146		
1,2-Dichlorobenzene	0.124		0.020	mg/kg wet	0.125		99.5	44.3-151		
Surrogate: Dibromofluoromethane			*17.1*	*ug/L*	*20.0*		*85.6*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*26.5*	*ug/L*	*20.0*		*132*	*32.2-196*		
Surrogate: Toluene-d8			*19.5*	*ug/L*	*20.0*		*97.7*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.8*	*ug/L*	*20.0*		*109*	*38.4-136*		
Duplicate (BXJ0034-DUP1)		**Parent: L23J016-01**			Prepared & Analyzed: 10/5/2023					
Chloromethane	ND		0.049	mg/kg dry		0.00935				35
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry		ND				35
Chloroethane	ND		0.049	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.041	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.024	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.041	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
Chloroform	ND		0.024	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.024	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry		ND				35
Trichloroethene (SIM)	0.0293		0.016	mg/kg dry		0.0325			10.4	35
1,2-Dichloropropane	ND		0.024	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.024	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.033	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.033	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.033	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.033	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.033	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*21.9*	*ug/L*	*20.0*		*110*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*27.3*	*ug/L*	*20.0*		*137*	*32.2-196*		
Surrogate: Toluene-d8			*17.9*	*ug/L*	*20.0*		*89.4*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.8*	*ug/L*	*20.0*		*109*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J016
Reported: 10/11/2023 09:58

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXJ0034-MS1)		**Parent: L23J016-01**			Prepared & Analyzed: 10/5/2023					
Chloromethane	0.272		0.049	mg/kg dry	0.201	0.00935	130	10-229		
Vinyl Chloride (SIM)	0.121		0.016	mg/kg dry	0.201	ND	60.3	30.4-218		
Chloroethane	0.132		0.049	mg/kg dry	0.201	ND	65.7	10-194		
1,1-Dichloroethene	0.222		0.041	mg/kg dry	0.201	ND	110	44.2-190		
trans-1,2-Dichloroethene	0.262		0.024	mg/kg dry	0.201	ND	130	35.2-199		
1,1-Dichloroethane	0.225		0.024	mg/kg dry	0.201	ND	112	10-236		
2,2-Dichloropropane	0.280		0.041	mg/kg dry	0.201	ND	139	22.7-204		
cis-1,2-Dichloroethene	0.260		0.024	mg/kg dry	0.201	ND	129	36.9-180		
Chloroform	0.272		0.024	mg/kg dry	0.201	ND	135	54.4-176		
1,1,1-Trichloroethane (TCA)	0.342		0.024	mg/kg dry	0.201	ND	170	25.1-198		
Carbon tetrachloride	0.341		0.024	mg/kg dry	0.201	ND	169	14-216		
1,1-Dichloropropene	0.229		0.024	mg/kg dry	0.201	ND	114	42.3-147		
1,2-Dichloroethane (EDC)	0.363		0.024	mg/kg dry	0.201	ND	180	40.9-190		
Trichloroethene (SIM)	0.253		0.016	mg/kg dry	0.201	0.0325	110	43-151		
1,2-Dichloropropane	0.304		0.024	mg/kg dry	0.201	ND	151	48.4-166		
cis-1,3-Dichloropropene	0.219		0.024	mg/kg dry	0.201	ND	109	10-200		
Trans-1,3-Dichloropropene	0.230		0.024	mg/kg dry	0.201	ND	114	31.6-146		
1,1,2-Trichloroethane	0.307		0.024	mg/kg dry	0.201	ND	152	37.6-187		
Tetrachloroethene (SIM)	0.184		0.016	mg/kg dry	0.201	ND	91.4	48-141		
2-Chlorotoluene	0.236		0.033	mg/kg dry	0.201	ND	117	33.9-142		
4-Chlorotoluene	0.245		0.033	mg/kg dry	0.201	ND	121	15.2-163		
1,3-Dichlorobenzene	0.255		0.033	mg/kg dry	0.201	ND	126	49.8-152		
1,4-Dichlorobenzene	0.255		0.033	mg/kg dry	0.201	ND	127	52.9-141		
1,2-Dichlorobenzene	0.251		0.033	mg/kg dry	0.201	ND	124	45.2-158		
Surrogate: Dibromofluoromethane			*27.0*	*ug/L*	*20.0*		*135*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*31.2*	*ug/L*	*20.0*		*156*	*32.2-196*		
Surrogate: Toluene-d8			*19.5*	*ug/L*	*20.0*		*97.5*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.1*	*ug/L*	*20.0*		*106*	*38.4-136*		
Matrix Spike Dup (BXJ0034-MSD1)		**Parent: L23J016-01**			Prepared & Analyzed: 10/5/2023					
Chloromethane	0.202		0.049	mg/kg dry	0.201	0.00935	95.7	10-229	29.4	35
Vinyl Chloride (SIM)	0.156		0.016	mg/kg dry	0.201	ND	77.5	30.4-218	25.0	35
Chloroethane	0.0550	R	0.049	mg/kg dry	0.201	ND	27.3	10-194	82.7	35
1,1-Dichloroethene	0.227		0.041	mg/kg dry	0.201	ND	113	44.2-190	2.19	35
trans-1,2-Dichloroethene	0.207		0.024	mg/kg dry	0.201	ND	103	35.2-199	23.4	35
1,1-Dichloroethane	0.163		0.024	mg/kg dry	0.201	ND	80.7	10-236	32.2	35
2,2-Dichloropropane	0.195	R	0.041	mg/kg dry	0.201	ND	96.9	22.7-204	35.7	35
cis-1,2-Dichloroethene	0.179	R	0.024	mg/kg dry	0.201	ND	88.8	36.9-180	36.7	35
Chloroform	0.181	R	0.024	mg/kg dry	0.201	ND	89.8	54.4-176	40.4	35
1,1,1-Trichloroethane (TCA)	0.180	R	0.024	mg/kg dry	0.201	ND	89.2	25.1-198	62.2	35
Carbon tetrachloride	0.179	R	0.024	mg/kg dry	0.201	ND	88.7	14-216	62.4	35
1,1-Dichloropropene	0.150	R	0.024	mg/kg dry	0.201	ND	74.3	42.3-147	42.0	35
1,2-Dichloroethane (EDC)	0.263		0.024	mg/kg dry	0.201	ND	131	40.9-190	31.9	35
Trichloroethene (SIM)	0.191		0.016	mg/kg dry	0.201	0.0325	78.7	43-151	28.1	35
1,2-Dichloropropane	0.208	R	0.024	mg/kg dry	0.201	ND	103	48.4-166	37.5	35
cis-1,3-Dichloropropene	0.147	R	0.024	mg/kg dry	0.201	ND	72.8	10-200	39.8	35
Trans-1,3-Dichloropropene	0.177		0.024	mg/kg dry	0.201	ND	88.0	31.6-146	25.8	35
1,1,2-Trichloroethane	0.248		0.024	mg/kg dry	0.201	ND	123	37.6-187	21.2	35
Tetrachloroethene (SIM)	0.152		0.016	mg/kg dry	0.201	ND	75.5	48-141	19.1	35
2-Chlorotoluene	0.153	R	0.033	mg/kg dry	0.201	ND	76.2	33.9-142	42.4	35
4-Chlorotoluene	0.155	R	0.033	mg/kg dry	0.201	ND	77.0	15.2-163	44.8	35
1,3-Dichlorobenzene	0.179		0.033	mg/kg dry	0.201	ND	88.9	49.8-152	34.9	35

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J016
Reported: 10/11/2023 09:58

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXJ0034-MSD1)		**Parent: L23J016-01**			Prepared & Analyzed: 10/5/2023					
1,4-Dichlorobenzene	0.189		0.033	mg/kg dry	0.201	ND	94.0	52.9-141	29.7	35
1,2-Dichlorobenzene	0.171	R	0.033	mg/kg dry	0.201	ND	84.8	45.2-158	37.9	35
Surrogate: Dibromofluoromethane			*19.3*	*ug/L*	*20.0*		*96.6*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*30.9*	*ug/L*	*20.0*		*154*	*32.2-196*		
Surrogate: Toluene-d8			*18.8*	*ug/L*	*20.0*		*93.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*23.3*	*ug/L*	*20.0*		*116*	*38.4-136*		

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Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J016
Reported: 10/11/2023 09:58

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0035 - Gen Chem										
LCS (BXJ0035-BS1)					Prepared: 10/5/2023 Analyzed: 10/10/2023					
Moisture	17			%	17.0		102	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

October 11, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23J025

Enclosed are the results of analyses for samples received by our laboratory on 10/6/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

L23U023-

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Date: 10/6/23 Page: 1 of 1

Client: Whatcom Env. Project Manager: Aimee Pennell

Address: Project Name: Sunset Commons

City: State: Zip: Location: City, State:

Phone: Fax: Collector: Thom Davis Date of Collection: 10/5 & 10/6

Client Project # Email:

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	cPAH 8270	PAH 8270	Semi Vol 8270	Field Notes
1 SS-106 19ft	19ft	1550	Soil	1Jar, 2Voas	X												Collected 10/5
2 SS-107 19ft	19ft	1555	"		X												" "
3 SS-108 9ft	9ft	1600			X												" "
4 SS-109 9ft	9ft	9:00			X												Collected 10/6
5 SS-110 14ft	14ft	10:10			X												" "
6 SS-111 14ft	14ft	10:30			X												" "
7 SS-112 9ft	9ft	10:45			X												" "
8 SS-113 19ft	19ft	1120			X												" "
9 ~~SS-114~~ CO-30	—	13:15			X												" "
10 CO-31	—	13:25	↓	↓	X												" "
11																	
12																	
13																	
14																	
15																	
16																	
17																	

Relinquished by:	Date / Time	Received by:	Date / Time
		Paul Bud	10/5/23 1620
Relinquished by:	Date / Time	Received by:	Date / Time
		Paul Bud	10/6/23 1535
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks: ML

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23J025 **Reported:** 10/11/2023 10:31

Notes and Definitions

Item	Definition
R	High Relative Percent Difference observed.
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23J025-01	SS-106 19ft	Soil	10/05/2023	10/06/2023
L23J025-02	SS-107 19ft	Soil	10/05/2023	10/06/2023
L23J025-03	SS-108 9ft	Soil	10/05/2023	10/06/2023
L23J025-04	SS-109 9ft	Soil	10/06/2023	10/06/2023
L23J025-05	SS-110 14ft	Soil	10/06/2023	10/06/2023
L23J025-06	SS-111 14ft	Soil	10/06/2023	10/06/2023
L23J025-07	SS-112 9ft	Soil	10/06/2023	10/06/2023
L23J025-08	SS-113 19ft	Soil	10/06/2023	10/06/2023
L23J025-09	CO-30	Soil	10/06/2023	10/06/2023
L23J025-10	CO-31	Soil	10/06/2023	10/06/2023

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Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23J025 **Reported:** 10/11/2023 10:31

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-108 9ft**			Lab#: L23J025-03		
Trichloroethene	0.065		mg/kg dry	0.016	8260D
Sample: **SS-109 9ft**			Lab#: L23J025-04		
Trichloroethene	0.041		mg/kg dry	0.016	8260D
Sample: **SS-112 9ft**			Lab#: L23J025-07		
Trichloroethene (TCE)	0.20		mg/kg dry	0.016	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J025
Reported: 10/11/2023 10:31

Sample Results

Client Sample ID: SS-106 19ft

Lab ID: L23J025-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	10/06/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	10/06/2023	PB
Chloroethane	ND		0.050	mg/kg dry	10/06/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	10/06/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/06/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/06/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	10/06/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/06/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/06/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/06/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/06/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/06/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/06/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	10/06/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/06/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/06/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/06/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/06/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	10/06/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	10/06/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	10/06/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	10/06/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	10/06/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	10/06/2023	PB
Surrogate: Dibromofluoromethane	*141%*		*22.9-220*		*10/06/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*159%*		*32.2-196*		*10/06/2023*	*PB*
Surrogate: Toluene-d8	*104%*		*47.3-146*		*10/06/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*83.0%*		*38.4-136*		*10/06/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	10/10/2023	SG

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228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J025
Reported: 10/11/2023 10:31

Sample Results (Continued)

Client Sample ID: SS-107 19ft

Lab ID: L23J025-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	10/06/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	10/06/2023	PB
Chloroethane	ND		0.050	mg/kg dry	10/06/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	10/06/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/06/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/06/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	10/06/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/06/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/06/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/06/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/06/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/06/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/06/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	10/06/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/06/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/06/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/06/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/06/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	10/06/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	10/06/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	10/06/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	10/06/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	10/06/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	10/06/2023	PB
Surrogate: Dibromofluoromethane	*124%*		*22.9-220*		*10/06/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*156%*		*32.2-196*		*10/06/2023*	*PB*
Surrogate: Toluene-d8	*93.7%*		*47.3-146*		*10/06/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*98.6%*		*38.4-136*		*10/06/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	10/10/2023	SG

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228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J025
Reported: 10/11/2023 10:31

Sample Results (Continued)

Client Sample ID: SS-108 9ft

Lab ID: L23J025-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	10/06/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/06/2023	PB
Chloroethane	ND		0.048	mg/kg dry	10/06/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	10/06/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/06/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	10/06/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	10/06/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/06/2023	PB
Chloroform	ND		0.024	mg/kg dry	10/06/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	10/06/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	10/06/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	10/06/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	10/06/2023	PB
Trichloroethene (SIM)	0.065		0.016	mg/kg dry	10/06/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	10/06/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/06/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/06/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	10/06/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/06/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	10/06/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	10/06/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	10/06/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	10/06/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	10/06/2023	PB
Surrogate: Dibromofluoromethane	*140%*		*22.9-220*		*10/06/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*165%*		*32.2-196*		*10/06/2023*	*PB*
Surrogate: Toluene-d8	*89.4%*		*47.3-146*		*10/06/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*114%*		*38.4-136*		*10/06/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	10/10/2023	SG

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228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J025
Reported: 10/11/2023 10:31

Sample Results (Continued)

Client Sample ID: SS-109 9ft

Lab ID: L23J025-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	10/06/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/06/2023	PB
Chloroethane	ND		0.047	mg/kg dry	10/06/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	10/06/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	10/06/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	10/06/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	10/06/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	10/06/2023	PB
Chloroform	ND		0.023	mg/kg dry	10/06/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	10/06/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	10/06/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	10/06/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	10/06/2023	PB
Trichloroethene (SIM)	0.041		0.016	mg/kg dry	10/06/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	10/06/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	10/06/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	10/06/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	10/06/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/06/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	10/06/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	10/06/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	10/06/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	10/06/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	10/06/2023	PB
Surrogate: Dibromofluoromethane	*135%*		*22.9-220*		*10/06/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*152%*		*32.2-196*		*10/06/2023*	*PB*
Surrogate: Toluene-d8	*92.2%*		*47.3-146*		*10/06/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*112%*		*38.4-136*		*10/06/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	10/10/2023	SG

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228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J025
Reported: 10/11/2023 10:31

Sample Results (Continued)

Client Sample ID: SS-110 14ft

Lab ID: L23J025-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	10/06/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/06/2023	PB
Chloroethane	ND		0.048	mg/kg dry	10/06/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	10/06/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/06/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	10/06/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	10/06/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/06/2023	PB
Chloroform	ND		0.024	mg/kg dry	10/06/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	10/06/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	10/06/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	10/06/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	10/06/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	10/06/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	10/06/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/06/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/06/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	10/06/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/06/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	10/06/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	10/06/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	10/06/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	10/06/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	10/06/2023	PB
Surrogate: Dibromofluoromethane	*136%*		*22.9-220*		*10/06/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*162%*		*32.2-196*		*10/06/2023*	*PB*
Surrogate: Toluene-d8	*94.3%*		*47.3-146*		*10/06/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*104%*		*38.4-136*		*10/06/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	10/10/2023	SG

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228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J025
Reported: 10/11/2023 10:31

Sample Results (Continued)

Client Sample ID: SS-111 14ft

Lab ID: L23J025-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	10/06/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/06/2023	PB
Chloroethane	ND		0.049	mg/kg dry	10/06/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	10/06/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/06/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/06/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	10/06/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/06/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/06/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/06/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/06/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/06/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/06/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	10/06/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/06/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/06/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/06/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/06/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/06/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	10/06/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	10/06/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	10/06/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	10/06/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	10/06/2023	PB
Surrogate: Dibromofluoromethane	*136%*		*22.9-220*		*10/06/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*158%*		*32.2-196*		*10/06/2023*	*PB*
Surrogate: Toluene-d8	*93.6%*		*47.3-146*		*10/06/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*96.4%*		*38.4-136*		*10/06/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	10/10/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J025
Reported: 10/11/2023 10:31

Sample Results (Continued)

Client Sample ID: SS-112 9ft

Lab ID: L23J025-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	10/06/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/06/2023	PB
Chloroethane	ND		0.048	mg/kg dry	10/06/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	10/06/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/06/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	10/06/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	10/06/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/06/2023	PB
Chloroform	ND		0.024	mg/kg dry	10/06/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	10/06/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	10/06/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	10/06/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	10/06/2023	PB
Trichloroethene (TCE)	0.20		0.016	mg/kg dry	10/06/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	10/06/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/06/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/06/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	10/06/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/06/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	10/06/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	10/06/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	10/06/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	10/06/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	10/06/2023	PB
Surrogate: Dibromofluoromethane	*137%*		*22.9-220*		*10/06/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*155%*		*32.2-196*		*10/06/2023*	*PB*
Surrogate: Toluene-d8	*92.2%*		*47.3-146*		*10/06/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*95.7%*		*38.4-136*		*10/06/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	10/10/2023	SG

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Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J025
Reported: 10/11/2023 10:31

Sample Results (Continued)

Client Sample ID: SS-113 19ft

Lab ID: L23J025-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	10/06/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	10/06/2023	PB
Chloroethane	ND		0.051	mg/kg dry	10/06/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	10/06/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/06/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/06/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	10/06/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/06/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/06/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/06/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/06/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/06/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/06/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	10/06/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/06/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/06/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/06/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/06/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	10/06/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	10/06/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	10/06/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	10/06/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	10/06/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	10/06/2023	PB
Surrogate: Dibromofluoromethane	*140%*		*22.9-220*		*10/06/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*168%*		*32.2-196*		*10/06/2023*	*PB*
Surrogate: Toluene-d8	*90.1%*		*47.3-146*		*10/06/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*91.2%*		*38.4-136*		*10/06/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	10/10/2023	SG

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Work Order: L23J025
Reported: 10/11/2023 10:31

Sample Results (Continued)

Client Sample ID: CO-30

Lab ID: L23J025-09 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.041	mg/kg dry	10/06/2023	PB
Vinyl Chloride (SIM)	ND		0.014	mg/kg dry	10/06/2023	PB
Chloroethane	ND		0.041	mg/kg dry	10/06/2023	PB
1,1-Dichloroethene	ND		0.034	mg/kg dry	10/06/2023	PB
trans-1,2-Dichloroethene	ND		0.020	mg/kg dry	10/06/2023	PB
1,1-Dichloroethane	ND		0.020	mg/kg dry	10/06/2023	PB
2,2-Dichloropropane	ND		0.034	mg/kg dry	10/06/2023	PB
cis-1,2-Dichloroethene	ND		0.020	mg/kg dry	10/06/2023	PB
Chloroform	ND		0.020	mg/kg dry	10/06/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.020	mg/kg dry	10/06/2023	PB
Carbon tetrachloride	ND		0.020	mg/kg dry	10/06/2023	PB
1,1-Dichloropropene	ND		0.020	mg/kg dry	10/06/2023	PB
1,2-Dichloroethane (EDC)	ND		0.020	mg/kg dry	10/06/2023	PB
Trichloroethene (SIM)	ND		0.014	mg/kg dry	10/06/2023	PB
1,2-Dichloropropane	ND		0.020	mg/kg dry	10/06/2023	PB
cis-1,3-Dichloropropene	ND		0.020	mg/kg dry	10/06/2023	PB
Trans-1,3-Dichloropropene	ND		0.020	mg/kg dry	10/06/2023	PB
1,1,2-Trichloroethane	ND		0.020	mg/kg dry	10/06/2023	PB
Tetrachloroethene (SIM)	ND		0.014	mg/kg dry	10/06/2023	PB
2-Chlorotoluene	ND		0.027	mg/kg dry	10/06/2023	PB
4-Chlorotoluene	ND		0.027	mg/kg dry	10/06/2023	PB
1,3-Dichlorobenzene	ND		0.027	mg/kg dry	10/06/2023	PB
1,4-Dichlorobenzene	ND		0.027	mg/kg dry	10/06/2023	PB
1,2-Dichlorobenzene	ND		0.027	mg/kg dry	10/06/2023	PB
Surrogate: Dibromofluoromethane	*138%*		*22.9-220*		*10/06/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*171%*		*32.2-196*		*10/06/2023*	*PB*
Surrogate: Toluene-d8	*88.4%*		*47.3-146*		*10/06/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*101%*		*38.4-136*		*10/06/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	11		0.50	%	10/10/2023	SG

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Reported: 10/11/2023 10:31

Sample Results (Continued)

Client Sample ID: CO-31

Lab ID: L23J025-10 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.042	mg/kg dry	10/06/2023	PB
Vinyl Chloride (SIM)	ND		0.014	mg/kg dry	10/06/2023	PB
Chloroethane	ND		0.042	mg/kg dry	10/06/2023	PB
1,1-Dichloroethene	ND		0.035	mg/kg dry	10/06/2023	PB
trans-1,2-Dichloroethene	ND		0.021	mg/kg dry	10/06/2023	PB
1,1-Dichloroethane	ND		0.021	mg/kg dry	10/06/2023	PB
2,2-Dichloropropane	ND		0.035	mg/kg dry	10/06/2023	PB
cis-1,2-Dichloroethene	ND		0.021	mg/kg dry	10/06/2023	PB
Chloroform	ND		0.021	mg/kg dry	10/06/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.021	mg/kg dry	10/06/2023	PB
Carbon tetrachloride	ND		0.021	mg/kg dry	10/06/2023	PB
1,1-Dichloropropene	ND		0.021	mg/kg dry	10/06/2023	PB
1,2-Dichloroethane (EDC)	ND		0.021	mg/kg dry	10/06/2023	PB
Trichloroethene (SIM)	ND		0.014	mg/kg dry	10/06/2023	PB
1,2-Dichloropropane	ND		0.021	mg/kg dry	10/06/2023	PB
cis-1,3-Dichloropropene	ND		0.021	mg/kg dry	10/06/2023	PB
Trans-1,3-Dichloropropene	ND		0.021	mg/kg dry	10/06/2023	PB
1,1,2-Trichloroethane	ND		0.021	mg/kg dry	10/06/2023	PB
Tetrachloroethene (SIM)	ND		0.014	mg/kg dry	10/06/2023	PB
2-Chlorotoluene	ND		0.028	mg/kg dry	10/06/2023	PB
4-Chlorotoluene	ND		0.028	mg/kg dry	10/06/2023	PB
1,3-Dichlorobenzene	ND		0.028	mg/kg dry	10/06/2023	PB
1,4-Dichlorobenzene	ND		0.028	mg/kg dry	10/06/2023	PB
1,2-Dichlorobenzene	ND		0.028	mg/kg dry	10/06/2023	PB
Surrogate: Dibromofluoromethane	*104%*		*22.9-220*		*10/06/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*170%*		*32.2-196*		*10/06/2023*	*PB*
Surrogate: Toluene-d8	*87.6%*		*47.3-146*		*10/06/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*96.5%*		*38.4-136*		*10/06/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	12		0.50	%	10/10/2023	SG

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Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J025
Reported: 10/11/2023 10:31

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0041 - VOA										
Blank (BXJ0041-BLK1)					Prepared & Analyzed: 10/6/2023					
Chloromethane	ND		0.030	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.010	mg/kg wet						
Chloroethane	ND		0.030	mg/kg wet						
1,1-Dichloroethene	ND		0.025	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.015	mg/kg wet						
1,1-Dichloroethane	ND		0.015	mg/kg wet						
2,2-Dichloropropane	ND		0.025	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.015	mg/kg wet						
Chloroform	ND		0.015	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.015	mg/kg wet						
Carbon tetrachloride	ND		0.015	mg/kg wet						
1,1-Dichloropropene	ND		0.015	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.015	mg/kg wet						
Trichloroethene (SIM)	ND		0.010	mg/kg wet						
1,2-Dichloropropane	ND		0.015	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.015	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.015	mg/kg wet						
1,1,2-Trichloroethane	ND		0.015	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.010	mg/kg wet						
2-Chlorotoluene	ND		0.020	mg/kg wet						
4-Chlorotoluene	ND		0.020	mg/kg wet						
1,3-Dichlorobenzene	ND		0.020	mg/kg wet						
1,4-Dichlorobenzene	ND		0.020	mg/kg wet						
1,2-Dichlorobenzene	ND		0.020	mg/kg wet						
Surrogate: Dibromofluoromethane			*25.8*	*ug/L*	*20.0*		*129*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.3*	*ug/L*	*20.0*		*146*	*32.2-196*		
Surrogate: Toluene-d8			*18.6*	*ug/L*	*20.0*		*92.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*18.4*	*ug/L*	*20.0*		*91.9*	*38.4-136*		
LCS (BXJ0041-BS1)					Prepared & Analyzed: 10/6/2023					
Chloromethane	0.113		0.030	mg/kg wet	0.125		90.4	10-205		
Vinyl Chloride (SIM)	0.0933		0.010	mg/kg wet	0.125		74.6	44.2-183		
Chloroethane	0.813	S3	0.030	mg/kg wet	0.125		651	12.4-218		
1,1-Dichloroethene	0.178		0.025	mg/kg wet	0.125		142	39.6-181		
trans-1,2-Dichloroethene	0.172		0.015	mg/kg wet	0.125		137	39.6-177		
1,1-Dichloroethane	0.193		0.015	mg/kg wet	0.125		154	24.1-182		
2,2-Dichloropropane	0.160		0.025	mg/kg wet	0.125		128	18.9-210		
cis-1,2-Dichloroethene	0.137		0.015	mg/kg wet	0.125		110	29.5-182		
Chloroform	0.159		0.015	mg/kg wet	0.125		127	53-168		
1,1,1-Trichloroethane (TCA)	0.155		0.015	mg/kg wet	0.125		124	10-228		
Carbon tetrachloride	0.147		0.015	mg/kg wet	0.125		118	44-185		
1,1-Dichloropropene	0.0973		0.015	mg/kg wet	0.125		77.8	10-192		
1,2-Dichloroethane (EDC)	0.162		0.015	mg/kg wet	0.125		130	39.6-177		
Trichloroethene (SIM)	0.102		0.010	mg/kg wet	0.125		81.5	28.8-130		
1,2-Dichloropropane	0.131		0.015	mg/kg wet	0.125		105	43.7-140		
cis-1,3-Dichloropropene	0.0920		0.015	mg/kg wet	0.125		73.6	38.5-134		
Trans-1,3-Dichloropropene	0.121		0.015	mg/kg wet	0.125		96.6	40.1-139		
1,1,2-Trichloroethane	0.156		0.015	mg/kg wet	0.125		125	42.7-171		
Tetrachloroethene (SIM)	0.103		0.010	mg/kg wet	0.125		82.7	30.4-159		
2-Chlorotoluene	0.105		0.020	mg/kg wet	0.125		84.2	35.8-131		

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Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J025
Reported: 10/11/2023 10:31

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXJ0041-BS1)					Prepared & Analyzed: 10/6/2023					
4-Chlorotoluene	0.0993		0.020	mg/kg wet	0.125		79.4	37-131		
1,3-Dichlorobenzene	0.122		0.020	mg/kg wet	0.125		97.6	46.9-154		
1,4-Dichlorobenzene	0.129		0.020	mg/kg wet	0.125		104	50.6-146		
1,2-Dichlorobenzene	0.124		0.020	mg/kg wet	0.125		99.1	44.3-151		
Surrogate: Dibromofluoromethane			*25.2*	*ug/L*	*20.0*		*126*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.5*	*ug/L*	*20.0*		*148*	*32.2-196*		
Surrogate: Toluene-d8			*19.3*	*ug/L*	*20.0*		*96.3*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.8*	*ug/L*	*20.0*		*109*	*38.4-136*		
Duplicate (BXJ0041-DUP1)		**Parent: L23J025-03**			Prepared & Analyzed: 10/6/2023					
Chloromethane	ND		0.048	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry		ND				35
Chloroethane	ND		0.048	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.040	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.024	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.040	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
Chloroform	ND		0.024	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.024	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry		ND				35
Trichloroethene (SIM)	0.0417	R	0.016	mg/kg dry		0.0655			44.5	35
1,2-Dichloropropane	ND		0.024	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.024	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*28.2*	*ug/L*	*20.0*		*141*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*32.8*	*ug/L*	*20.0*		*164*	*32.2-196*		
Surrogate: Toluene-d8			*18.5*	*ug/L*	*20.0*		*92.6*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.9*	*ug/L*	*20.0*		*110*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J025
Reported: 10/11/2023 10:31

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXJ0041-MS1)		**Parent: L23J025-03**			Prepared & Analyzed: 10/6/2023					
Chloromethane	0.200		0.048	mg/kg dry	0.202	ND	99.2	10-229		
Vinyl Chloride (SIM)	0.0956		0.016	mg/kg dry	0.202	ND	47.4	30.4-218		
Chloroethane	0.0950		0.048	mg/kg dry	0.202	ND	47.1	10-194		
1,1-Dichloroethene	0.167		0.040	mg/kg dry	0.202	ND	82.8	44.2-190		
trans-1,2-Dichloroethene	0.193		0.024	mg/kg dry	0.202	ND	95.7	35.2-199		
1,1-Dichloroethane	0.232		0.024	mg/kg dry	0.202	ND	115	10-236		
2,2-Dichloropropane	0.268		0.040	mg/kg dry	0.202	ND	133	22.7-204		
cis-1,2-Dichloroethene	0.232		0.024	mg/kg dry	0.202	ND	115	36.9-180		
Chloroform	0.283		0.024	mg/kg dry	0.202	ND	140	54.4-176		
1,1,1-Trichloroethane (TCA)	0.258		0.024	mg/kg dry	0.202	ND	128	25.1-198		
Carbon tetrachloride	0.264		0.024	mg/kg dry	0.202	ND	131	14-216		
1,1-Dichloropropene	0.151		0.024	mg/kg dry	0.202	ND	74.8	42.3-147		
1,2-Dichloroethane (EDC)	0.290		0.024	mg/kg dry	0.202	ND	144	40.9-190		
Trichloroethene (SIM)	0.233		0.016	mg/kg dry	0.202	0.0655	83.3	43-151		
1,2-Dichloropropane	0.230		0.024	mg/kg dry	0.202	ND	114	48.4-166		
cis-1,3-Dichloropropene	0.152		0.024	mg/kg dry	0.202	ND	75.3	10-200		
Trans-1,3-Dichloropropene	0.180		0.024	mg/kg dry	0.202	ND	89.4	31.6-146		
1,1,2-Trichloroethane	0.262		0.024	mg/kg dry	0.202	ND	130	37.6-187		
Tetrachloroethene (SIM)	0.147		0.016	mg/kg dry	0.202	ND	72.7	48-141		
2-Chlorotoluene	0.168		0.032	mg/kg dry	0.202	ND	83.3	33.9-142		
4-Chlorotoluene	0.164		0.032	mg/kg dry	0.202	ND	81.1	15.2-163		
1,3-Dichlorobenzene	0.193		0.032	mg/kg dry	0.202	ND	95.8	49.8-152		
1,4-Dichlorobenzene	0.202		0.032	mg/kg dry	0.202	ND	100	52.9-141		
1,2-Dichlorobenzene	0.193		0.032	mg/kg dry	0.202	ND	96.0	45.2-158		
Surrogate: Dibromofluoromethane			*27.9*	*ug/L*	*20.0*		*140*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*32.4*	*ug/L*	*20.0*		*162*	*32.2-196*		
Surrogate: Toluene-d8			*19.4*	*ug/L*	*20.0*		*96.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*22.9*	*ug/L*	*20.0*		*115*	*38.4-136*		
Matrix Spike Dup (BXJ0041-MSD1)		**Parent: L23J025-03**			Prepared & Analyzed: 10/6/2023					
Chloromethane	0.195		0.048	mg/kg dry	0.202	ND	96.6	10-229	2.70	35
Vinyl Chloride (SIM)	0.0848		0.016	mg/kg dry	0.202	ND	42.1	30.4-218	11.9	35
Chloroethane	0.0469	R	0.048	mg/kg dry	0.202	ND	23.2	10-194	67.9	35
1,1-Dichloroethene	0.154		0.040	mg/kg dry	0.202	ND	76.4	44.2-190	7.97	35
trans-1,2-Dichloroethene	0.180		0.024	mg/kg dry	0.202	ND	89.1	35.2-199	7.14	35
1,1-Dichloroethane	0.168		0.024	mg/kg dry	0.202	ND	83.5	10-236	31.7	35
2,2-Dichloropropane	0.232		0.040	mg/kg dry	0.202	ND	115	22.7-204	14.4	35
cis-1,2-Dichloroethene	0.172		0.024	mg/kg dry	0.202	ND	85.5	36.9-180	29.5	35
Chloroform	0.276		0.024	mg/kg dry	0.202	ND	137	54.4-176	2.53	35
1,1,1-Trichloroethane (TCA)	0.256		0.024	mg/kg dry	0.202	ND	127	25.1-198	0.690	35
Carbon tetrachloride	0.256		0.024	mg/kg dry	0.202	ND	127	14-216	3.24	35
1,1-Dichloropropene	0.150		0.024	mg/kg dry	0.202	ND	74.6	42.3-147	0.295	35
1,2-Dichloroethane (EDC)	0.272		0.024	mg/kg dry	0.202	ND	135	40.9-190	6.31	35
Trichloroethene (SIM)	0.217		0.016	mg/kg dry	0.202	0.0655	75.4	43-151	7.12	35
1,2-Dichloropropane	0.218		0.024	mg/kg dry	0.202	ND	108	48.4-166	5.55	35
cis-1,3-Dichloropropene	0.147		0.024	mg/kg dry	0.202	ND	72.8	10-200	3.32	35
Trans-1,3-Dichloropropene	0.184		0.024	mg/kg dry	0.202	ND	91.3	31.6-146	2.01	35
1,1,2-Trichloroethane	0.261		0.024	mg/kg dry	0.202	ND	129	37.6-187	0.401	35
Tetrachloroethene (SIM)	0.150		0.016	mg/kg dry	0.202	ND	74.6	48-141	2.58	35
2-Chlorotoluene	0.154		0.032	mg/kg dry	0.202	ND	76.6	33.9-142	8.40	35
4-Chlorotoluene	0.147		0.032	mg/kg dry	0.202	ND	72.9	15.2-163	10.6	35
1,3-Dichlorobenzene	0.184		0.032	mg/kg dry	0.202	ND	91.3	49.8-152	4.87	35

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J025
Reported: 10/11/2023 10:31

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXJ0041-MSD1)		**Parent: L23J025-03**			Prepared & Analyzed: 10/6/2023					
1,4-Dichlorobenzene	0.197		0.032	mg/kg dry	0.202	ND	97.8	52.9-141	2.60	35
1,2-Dichlorobenzene	0.176		0.032	mg/kg dry	0.202	ND	87.5	45.2-158	9.22	35
Surrogate: Dibromofluoromethane			*27.2*	*ug/L*	*20.0*		*136*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*32.7*	*ug/L*	*20.0*		*164*	*32.2-196*		
Surrogate: Toluene-d8			*18.7*	*ug/L*	*20.0*		*93.6*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*23.8*	*ug/L*	*20.0*		*119*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J025
Reported: 10/11/2023 10:31

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0042 - Gen Chem										
LCS (BXJ0042-BS1)					Prepared: 10/6/2023 Analyzed: 10/10/2023					
Moisture	17			%	17.0		102	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

Phone (360) 352-2110 • libbyenv@gmail.com

October 25, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23J073

Enclosed are the results of analyses for samples received by our laboratory on 10/16/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

LLSJ073

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Date: 10/16/23 Page: 1 of

Client: Whatcom Environmental
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Project Manager: Aimee Pennell
Project Name: Sunset Commons
Location: Bellingham City, State: Bellingham, WA
Collector: Thom Davis Date of Collection: 10/16/23
Email:

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270				Field Notes
1 SS-114 14Ft	14Ft	9:40	Soil	1Jar, 2Vocs	X															
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	10/16/23 1700	Paul Burk	10/16/23 1207
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23J073 **Reported:** 10/25/2023 09:47

Notes and Definitions

Item	Definition
R	High Relative Percent Difference observed.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23J073-01	SS-114 14ft	Soil	10/16/2023	10/16/2023

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J073
Reported: 10/25/2023 09:47

Sample Results

Client Sample ID: SS-114 14ft

Lab ID: L23J073-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.10	mg/kg dry	10/16/2023	PB
Vinyl Chloride (SIM)	ND		0.033	mg/kg dry	10/16/2023	PB
Chloroethane	ND		0.10	mg/kg dry	10/16/2023	PB
1,1-Dichloroethene	ND		0.084	mg/kg dry	10/16/2023	PB
trans-1,2-Dichloroethene	ND		0.050	mg/kg dry	10/16/2023	PB
1,1-Dichloroethane	ND		0.050	mg/kg dry	10/16/2023	PB
2,2-Dichloropropane	ND		0.084	mg/kg dry	10/16/2023	PB
cis-1,2-Dichloroethene	ND		0.050	mg/kg dry	10/16/2023	PB
Chloroform	ND		0.050	mg/kg dry	10/16/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.050	mg/kg dry	10/16/2023	PB
Carbon tetrachloride	ND		0.050	mg/kg dry	10/16/2023	PB
1,1-Dichloropropene	ND		0.050	mg/kg dry	10/16/2023	PB
1,2-Dichloroethane (EDC)	ND		0.050	mg/kg dry	10/16/2023	PB
Trichloroethene (SIM)	ND		0.033	mg/kg dry	10/16/2023	PB
1,2-Dichloropropane	ND		0.050	mg/kg dry	10/16/2023	PB
cis-1,3-Dichloropropene	ND		0.050	mg/kg dry	10/16/2023	PB
Trans-1,3-Dichloropropene	ND		0.050	mg/kg dry	10/16/2023	PB
1,1,2-Trichloroethane	ND		0.050	mg/kg dry	10/16/2023	PB
Tetrachloroethene (SIM)	ND		0.033	mg/kg dry	10/16/2023	PB
2-Chlorotoluene	ND		0.067	mg/kg dry	10/16/2023	PB
4-Chlorotoluene	ND		0.067	mg/kg dry	10/16/2023	PB
1,3-Dichlorobenzene	ND		0.067	mg/kg dry	10/16/2023	PB
1,4-Dichlorobenzene	ND		0.067	mg/kg dry	10/16/2023	PB
1,2-Dichlorobenzene	ND		0.067	mg/kg dry	10/16/2023	PB
Surrogate: Dibromofluoromethane	*75.2%*		*22.9-220*		*10/16/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*96.6%*		*32.2-196*		*10/16/2023*	*PB*
Surrogate: Toluene-d8	*89.9%*		*47.3-146*		*10/16/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*104%*		*38.4-136*		*10/16/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	10/24/2023	AA

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J073
Reported: 10/25/2023 09:47

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0112 - VOA										
Blank (BXJ0112-BLK1)					Prepared & Analyzed: 10/16/2023					
Chloromethane	ND		0.12	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.040	mg/kg wet						
Chloroethane	ND		0.12	mg/kg wet						
1,1-Dichloroethene	ND		0.099	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.059	mg/kg wet						
1,1-Dichloroethane	ND		0.059	mg/kg wet						
2,2-Dichloropropane	ND		0.099	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.059	mg/kg wet						
Chloroform	ND		0.059	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.059	mg/kg wet						
Carbon tetrachloride	ND		0.059	mg/kg wet						
1,1-Dichloropropene	ND		0.059	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.059	mg/kg wet						
Trichloroethene (SIM)	ND		0.040	mg/kg wet						
1,2-Dichloropropane	ND		0.059	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.059	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.059	mg/kg wet						
1,1,2-Trichloroethane	ND		0.059	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.040	mg/kg wet						
2-Chlorotoluene	ND		0.079	mg/kg wet						
4-Chlorotoluene	ND		0.079	mg/kg wet						
1,3-Dichlorobenzene	ND		0.079	mg/kg wet						
1,4-Dichlorobenzene	ND		0.079	mg/kg wet						
1,2-Dichlorobenzene	ND		0.079	mg/kg wet						
Surrogate: Dibromofluoromethane			*23.2*	*ug/L*	*20.0*		*116*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*25.8*	*ug/L*	*20.0*		*129*	*32.2-196*		
Surrogate: Toluene-d8			*18.8*	*ug/L*	*20.0*		*94.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.6*	*ug/L*	*20.0*		*97.8*	*38.4-136*		
LCS (BXJ0112-BS1)					Prepared & Analyzed: 10/16/2023					
Chloromethane	0.221		0.12	mg/kg wet	0.250		88.6	10-205		
Vinyl Chloride (SIM)	0.179		0.040	mg/kg wet	0.250		71.7	44.2-183		
Chloroethane	0.279		0.12	mg/kg wet	0.250		112	12.4-218		
1,1-Dichloroethene	0.321		0.099	mg/kg wet	0.250		128	39.6-181		
trans-1,2-Dichloroethene	0.290		0.059	mg/kg wet	0.250		116	39.6-177		
1,1-Dichloroethane	0.289		0.059	mg/kg wet	0.250		116	24.1-182		
2,2-Dichloropropane	0.303		0.099	mg/kg wet	0.250		121	18.9-210		
cis-1,2-Dichloroethene	0.269		0.059	mg/kg wet	0.250		108	29.5-182		
Chloroform	0.290		0.059	mg/kg wet	0.250		116	53-168		
1,1,1-Trichloroethane (TCA)	0.279		0.059	mg/kg wet	0.250		111	10-228		
Carbon tetrachloride	0.273		0.059	mg/kg wet	0.250		109	44-185		
1,1-Dichloropropene	0.210		0.059	mg/kg wet	0.250		84.1	10-192		
1,2-Dichloroethane (EDC)	0.301		0.059	mg/kg wet	0.250		120	39.6-177		
Trichloroethene (SIM)	0.198		0.040	mg/kg wet	0.250		79.4	28.8-130		
1,2-Dichloropropane	0.250		0.059	mg/kg wet	0.250		100	43.7-140		
cis-1,3-Dichloropropene	0.196		0.059	mg/kg wet	0.250		78.6	38.5-134		
Trans-1,3-Dichloropropene	0.248		0.059	mg/kg wet	0.250		99.0	40.1-139		
1,1,2-Trichloroethane	0.307		0.059	mg/kg wet	0.250		123	42.7-171		
Tetrachloroethene (SIM)	0.208		0.040	mg/kg wet	0.250		83.3	30.4-159		
2-Chlorotoluene	0.222		0.079	mg/kg wet	0.250		88.7	35.8-131		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J073
Reported: 10/25/2023 09:47

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXJ0112-BS1)					Prepared & Analyzed: 10/16/2023					
4-Chlorotoluene	0.218		0.079	mg/kg wet	0.250		87.0	37-131		
1,3-Dichlorobenzene	0.250		0.079	mg/kg wet	0.250		99.8	46.9-154		
1,4-Dichlorobenzene	0.276		0.079	mg/kg wet	0.250		110	50.6-146		
1,2-Dichlorobenzene	0.261		0.079	mg/kg wet	0.250		105	44.3-151		
Surrogate: Dibromofluoromethane			*22.7*	*ug/L*	*20.0*		*114*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*25.8*	*ug/L*	*20.0*		*129*	*32.2-196*		
Surrogate: Toluene-d8			*19.5*	*ug/L*	*20.0*		*97.4*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.0*	*ug/L*	*20.0*		*105*	*38.4-136*		
Duplicate (BXJ0112-DUP1)		**Parent: L23J073-01**			Prepared & Analyzed: 10/16/2023					
Chloromethane	ND		0.10	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.033	mg/kg dry		ND				35
Chloroethane	ND		0.10	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.084	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.050	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.050	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.084	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.050	mg/kg dry		ND				35
Chloroform	ND		0.050	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.050	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.050	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.050	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.050	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.033	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.050	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.050	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.050	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.050	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.033	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.067	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.067	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.067	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.067	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.067	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*15.6*	*ug/L*	*20.0*		*78.2*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*20.8*	*ug/L*	*20.0*		*104*	*32.2-196*		
Surrogate: Toluene-d8			*18.0*	*ug/L*	*20.0*		*90.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.2*	*ug/L*	*20.0*		*106*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J073
Reported: 10/25/2023 09:47

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXJ0112-MS1)		**Parent: L23J073-01**			Prepared & Analyzed: 10/16/2023					
Chloromethane	0.187		0.10	mg/kg dry	0.198	ND	94.6	10-229		
Vinyl Chloride (VC)	0.189		0.17	mg/kg dry	0.198	ND	95.5	10-220		
Chloroethane	0.0851		0.10	mg/kg dry	0.198	ND	43.0	10-194		
1,1-Dichloroethene	0.139		0.084	mg/kg dry	0.198	ND	70.4	44.2-190		
trans-1,2-Dichloroethene	0.163		0.050	mg/kg dry	0.198	ND	82.4	35.2-199		
1,1-Dichloroethane	0.179		0.050	mg/kg dry	0.198	ND	90.6	10-236		
2,2-Dichloropropane	0.175		0.084	mg/kg dry	0.198	ND	88.4	22.7-204		
cis-1,2-Dichloroethene	0.168		0.050	mg/kg dry	0.198	ND	84.7	36.9-180		
Chloroform	0.167		0.050	mg/kg dry	0.198	ND	84.3	54.4-176		
1,1,1-Trichloroethane (TCA)	0.159		0.050	mg/kg dry	0.198	ND	80.6	25.1-198		
Carbon tetrachloride	0.161		0.050	mg/kg dry	0.198	ND	81.1	14-216		
1,1-Dichloropropene	0.144		0.050	mg/kg dry	0.198	ND	72.7	42.3-147		
1,2-Dichloroethane (EDC)	0.247		0.050	mg/kg dry	0.198	ND	125	40.9-190		
Trichloroethene (SIM)	0.177		0.033	mg/kg dry	0.198	ND	89.4	43-151		
1,2-Dichloropropane	0.212		0.050	mg/kg dry	0.198	ND	107	48.4-166		
cis-1,3-Dichloropropene	0.154		0.050	mg/kg dry	0.198	ND	78.0	10-200		
Trans-1,3-Dichloropropene	0.183		0.050	mg/kg dry	0.198	ND	92.4	31.6-146		
1,1,2-Trichloroethane	0.233		0.050	mg/kg dry	0.198	ND	118	37.6-187		
Tetrachloroethene (SIM)	0.155		0.033	mg/kg dry	0.198	ND	78.1	48-141		
2-Chlorotoluene	0.200		0.067	mg/kg dry	0.198	ND	101	33.9-142		
4-Chlorotoluene	0.210		0.067	mg/kg dry	0.198	ND	106	15.2-163		
1,3-Dichlorobenzene	0.207		0.067	mg/kg dry	0.198	ND	105	49.8-152		
1,4-Dichlorobenzene	0.216		0.067	mg/kg dry	0.198	ND	109	52.9-141		
1,2-Dichlorobenzene	0.216		0.067	mg/kg dry	0.198	ND	109	45.2-158		
Surrogate: Dibromofluoromethane			*15.8*	*ug/L*	*20.0*		*79.1*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*26.0*	*ug/L*	*20.0*		*130*	*32.2-196*		
Surrogate: Toluene-d8			*19.1*	*ug/L*	*20.0*		*95.3*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.9*	*ug/L*	*20.0*		*110*	*38.4-136*		
Matrix Spike Dup (BXJ0112-MSD1)		**Parent: L23J073-01**			Prepared & Analyzed: 10/16/2023					
Chloromethane	0.180		0.10	mg/kg dry	0.198	ND	91.1	10-229	3.73	35
Vinyl Chloride (VC)	0.189		0.17	mg/kg dry	0.198	ND	95.7	10-220	0.224	35
Chloroethane	0.0412	R	0.10	mg/kg dry	0.198	ND	20.8	10-194	69.6	35
1,1-Dichloroethene	0.152		0.084	mg/kg dry	0.198	ND	76.7	44.2-190	8.58	35
trans-1,2-Dichloroethene	0.175		0.050	mg/kg dry	0.198	ND	88.2	35.2-199	6.79	35
1,1-Dichloroethane	0.154		0.050	mg/kg dry	0.198	ND	77.8	10-236	15.1	35
2,2-Dichloropropane	0.186		0.084	mg/kg dry	0.198	ND	94.1	22.7-204	6.26	35
cis-1,2-Dichloroethene	0.183		0.050	mg/kg dry	0.198	ND	92.7	36.9-180	9.02	35
Chloroform	0.171		0.050	mg/kg dry	0.198	ND	86.2	54.4-176	2.26	35
1,1,1-Trichloroethane (TCA)	0.171		0.050	mg/kg dry	0.198	ND	86.3	25.1-198	6.82	35
Carbon tetrachloride	0.170		0.050	mg/kg dry	0.198	ND	85.8	14-216	5.61	35
1,1-Dichloropropene	0.155		0.050	mg/kg dry	0.198	ND	78.4	42.3-147	7.67	35
1,2-Dichloroethane (EDC)	0.248		0.050	mg/kg dry	0.198	ND	126	40.9-190	0.547	35
Trichloroethene (SIM)	0.173		0.033	mg/kg dry	0.198	ND	87.4	43-151	2.32	35
1,2-Dichloropropane	0.208		0.050	mg/kg dry	0.198	ND	105	48.4-166	1.86	35
cis-1,3-Dichloropropene	0.151		0.050	mg/kg dry	0.198	ND	76.3	10-200	2.22	35
Trans-1,3-Dichloropropene	0.182		0.050	mg/kg dry	0.198	ND	92.1	31.6-146	0.325	35
1,1,2-Trichloroethane	0.248		0.050	mg/kg dry	0.198	ND	125	37.6-187	6.15	35
Tetrachloroethene (SIM)	0.161		0.033	mg/kg dry	0.198	ND	81.4	48-141	4.16	35
2-Chlorotoluene	0.191		0.067	mg/kg dry	0.198	ND	96.5	33.9-142	4.59	35
4-Chlorotoluene	0.190		0.067	mg/kg dry	0.198	ND	95.9	15.2-163	10.1	35
1,3-Dichlorobenzene	0.208		0.067	mg/kg dry	0.198	ND	105	49.8-152	0.346	35

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J073
Reported: 10/25/2023 09:47

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXJ0112-MSD1)		**Parent: L23J073-01**			Prepared & Analyzed: 10/16/2023					
1,4-Dichlorobenzene	0.198		0.067	mg/kg dry	0.198	ND	100	52.9-141	8.78	35
1,2-Dichlorobenzene	0.220		0.067	mg/kg dry	0.198	ND	111	45.2-158	1.46	35
Surrogate: Dibromofluoromethane			*17.0*	*ug/L*	*20.0*		*85.0*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*26.1*	*ug/L*	*20.0*		*131*	*32.2-196*		
Surrogate: Toluene-d8			*18.6*	*ug/L*	*20.0*		*93.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*20.8*	*ug/L*	*20.0*		*104*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J073
Reported: 10/25/2023 09:47

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0113 - Gen Chem										
LCS (BXJ0113-BS1)					Prepared: 10/16/2023 Analyzed: 10/24/2023					
Moisture	18			%	17.0		103	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

October 25, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23J083

Enclosed are the results of analyses for samples received by our laboratory on 10/17/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

L230083

Libby Environmental, Inc. — Chain of Custody Record

BXJ0123

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

www.LibbyEnvironmental.com

Client: Whatcom Environmental
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Date: 10/17/23 Page: 1 of 1
Project Manager: Aimee Pennell
Project Name: Sunset Commons
Location: City, State: Bellingham, WA
Collector: Date of Collection: 10-17-2023
Email: Tel

Sample Number	Depth (ft)	Time	Sample Type	Container Type	VOC 8260 chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1 CO-32	—	9:20	Soil	1Jar, 2Vials	X														
2 CO-33	—	9:30	↓	↓	X														
3 SS-115 20ft	20	1200	↓	↓	X														
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			

Relinquished by:	Date / Time	Received by:	Date / Time
	10/17/23 @ 1341		10/17/23 1341
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23J083 **Reported:** 10/25/2023 11:17

Work Order Case Narrative

Samples were received on-site in the Mobile Lab. Three samples (CO-32, CO-33, and SS-115 20ft) were shipped to the Libby Environmental fixed base. The samples were requested to be analyzed for percent moisture.
While in transit the container for sample CO-33 broke. Package arrived at Libby Environmental with fully melted ice. Due to this, a significant amount of water seeped into the container. The sample appeared to no longer be representative of the sample's condition at time of sampling.
Sample CO-32 has been selected by client to represent the moisture content of CO-33. The reported valued of sample CO-33 is that of the moisture analysis performed on sample CO-32.

Notes and Definitions

Item	Definition
R	High Relative Percent Difference observed.
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23J083-01	CO-32	Soil	10/17/2023	10/17/2023
L23J083-02	CO-33	Soil	10/17/2023	10/17/2023
L23J083-03	SS-115 20ft	Soil	10/17/2023	10/17/2023

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Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23J083 **Reported:** 10/25/2023 11:17

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **CO-33**			Lab#: L23J083-02		
Trichloroethene	0.018		mg/kg dry	0.016	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J083
Reported: 10/25/2023 11:17

Sample Results

Client Sample ID: CO-32

Lab ID: L23J083-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	10/17/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/17/2023	PB
Chloroethane	ND		0.047	mg/kg dry	10/17/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	10/17/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/17/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	10/17/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	10/17/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/17/2023	PB
Chloroform	ND		0.024	mg/kg dry	10/17/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	10/17/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	10/17/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	10/17/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	10/17/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	10/17/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	10/17/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/17/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/17/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	10/17/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/17/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	10/17/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	10/17/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	10/17/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	10/17/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	10/17/2023	PB
Surrogate: Dibromofluoromethane	*93.3%*		*22.9-220*		*10/17/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*123%*		*32.2-196*		*10/17/2023*	*PB*
Surrogate: Toluene-d8	*84.6%*		*47.3-146*		*10/17/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*107%*		*38.4-136*		*10/17/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	10/19/2023	BW

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J083
Reported: 10/25/2023 11:17

Sample Results (Continued)

Client Sample ID: CO-33

Lab ID: L23J083-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	10/17/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/17/2023	PB
Chloroethane	ND		0.048	mg/kg dry	10/17/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	10/17/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/17/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	10/17/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	10/17/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/17/2023	PB
Chloroform	ND		0.024	mg/kg dry	10/17/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	10/17/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	10/17/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	10/17/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	10/17/2023	PB
Trichloroethene (SIM)	0.018		0.016	mg/kg dry	10/17/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	10/17/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/17/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/17/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	10/17/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/17/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	10/17/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	10/17/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	10/17/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	10/17/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	10/17/2023	PB
Surrogate: Dibromofluoromethane	*86.8%*		*22.9-220*		*10/17/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*112%*		*32.2-196*		*10/17/2023*	*PB*
Surrogate: Toluene-d8	*83.5%*		*47.3-146*		*10/17/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*106%*		*38.4-136*		*10/17/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	10/19/2023	BW

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J083
Reported: 10/25/2023 11:17

Sample Results (Continued)

Client Sample ID: SS-115 20ft

Lab ID: L23J083-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	10/17/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/17/2023	PB
Chloroethane	ND		0.048	mg/kg dry	10/17/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	10/17/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/17/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	10/17/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	10/17/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/17/2023	PB
Chloroform	ND		0.024	mg/kg dry	10/17/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	10/17/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	10/17/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	10/17/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	10/17/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	10/17/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	10/17/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/17/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/17/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	10/17/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/17/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	10/17/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	10/17/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	10/17/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	10/17/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	10/17/2023	PB
Surrogate: Dibromofluoromethane	*123%*		*22.9-220*		*10/17/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*133%*		*32.2-196*		*10/17/2023*	*PB*
Surrogate: Toluene-d8	*88.4%*		*47.3-146*		*10/17/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*97.0%*		*38.4-136*		*10/17/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	10/19/2023	BW

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J083
Reported: 10/25/2023 11:17

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0123 - VOA										
Blank (BXJ0123-BLK1)					Prepared & Analyzed: 10/17/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*19.7*	*ug/L*	*20.0*		*98.5*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*28.6*	*ug/L*	*20.0*		*143*	*32.2-196*		
Surrogate: Toluene-d8			*16.8*	*ug/L*	*20.0*		*84.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*18.4*	*ug/L*	*20.0*		*92.2*	*38.4-136*		
LCS (BXJ0123-BS1)					Prepared & Analyzed: 10/17/2023					
Chloromethane	0.278		0.060	mg/kg wet	0.250		111	10-205		
Vinyl Chloride (SIM)	0.208		0.020	mg/kg wet	0.250		83.0	44.2-183		
Chloroethane	0.548	S3	0.060	mg/kg wet	0.250		219	12.4-218		
1,1-Dichloroethene	0.304		0.050	mg/kg wet	0.250		122	39.6-181		
trans-1,2-Dichloroethene	0.276		0.030	mg/kg wet	0.250		110	39.6-177		
1,1-Dichloroethane	0.256		0.030	mg/kg wet	0.250		102	24.1-182		
2,2-Dichloropropane	0.305		0.050	mg/kg wet	0.250		122	18.9-210		
cis-1,2-Dichloroethene	0.239		0.030	mg/kg wet	0.250		95.6	29.5-182		
Chloroform	0.295		0.030	mg/kg wet	0.250		118	53-168		
1,1,1-Trichloroethane (TCA)	0.298		0.030	mg/kg wet	0.250		119	10-228		
Carbon tetrachloride	0.288		0.030	mg/kg wet	0.250		115	44-185		
1,1-Dichloropropene	0.211		0.030	mg/kg wet	0.250		84.3	10-192		
1,2-Dichloroethane (EDC)	0.308		0.030	mg/kg wet	0.250		123	39.6-177		
Trichloroethene (SIM)	0.200		0.020	mg/kg wet	0.250		79.9	28.8-130		
1,2-Dichloropropane	0.241		0.030	mg/kg wet	0.250		96.4	43.7-140		
cis-1,3-Dichloropropene	0.166		0.030	mg/kg wet	0.250		66.6	38.5-134		
Trans-1,3-Dichloropropene	0.214		0.030	mg/kg wet	0.250		85.5	40.1-139		
1,1,2-Trichloroethane	0.317		0.030	mg/kg wet	0.250		127	42.7-171		
Tetrachloroethene (SIM)	0.206		0.020	mg/kg wet	0.250		82.4	30.4-159		
2-Chlorotoluene	0.200		0.040	mg/kg wet	0.250		80.1	35.8-131		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J083
Reported: 10/25/2023 11:17

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXJ0123-BS1)					Prepared & Analyzed: 10/17/2023					
4-Chlorotoluene	0.196		0.040	mg/kg wet	0.250		78.2	37-131		
1,3-Dichlorobenzene	0.239		0.040	mg/kg wet	0.250		95.5	46.9-154		
1,4-Dichlorobenzene	0.254		0.040	mg/kg wet	0.250		101	50.6-146		
1,2-Dichlorobenzene	0.246		0.040	mg/kg wet	0.250		98.6	44.3-151		
Surrogate: Dibromofluoromethane			*24.6*	*ug/L*	*20.0*		*123*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*27.6*	*ug/L*	*20.0*		*138*	*32.2-196*		
Surrogate: Toluene-d8			*18.6*	*ug/L*	*20.0*		*93.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.4*	*ug/L*	*20.0*		*107*	*38.4-136*		
Duplicate (BXJ0123-DUP1)		**Parent: L23J083-02**			Prepared & Analyzed: 10/17/2023					
Chloromethane	ND		0.047	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry		ND				35
Chloroethane	ND		0.047	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.039	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.024	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.039	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
Chloroform	ND		0.024	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.024	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry		ND				35
Trichloroethene (SIM)	0.0274	R	0.016	mg/kg dry		0.0180			41.2	35
1,2-Dichloropropane	ND		0.024	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.024	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.031	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.031	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.031	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.031	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.031	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*17.9*	*ug/L*	*20.0*		*89.6*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*22.7*	*ug/L*	*20.0*		*114*	*32.2-196*		
Surrogate: Toluene-d8			*17.1*	*ug/L*	*20.0*		*85.6*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.5*	*ug/L*	*20.0*		*97.6*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J083
Reported: 10/25/2023 11:17

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXJ0123-MS1)		**Parent: L23J083-02**			Prepared & Analyzed: 10/17/2023					
Chloromethane	0.251		0.048	mg/kg dry	0.210	ND	119	10-229		
Vinyl Chloride (SIM)	0.0927		0.016	mg/kg dry	0.210	ND	44.1	30.4-218		
Chloroethane	0.0503		0.048	mg/kg dry	0.210	ND	23.9	10-194		
1,1-Dichloroethene	0.175		0.040	mg/kg dry	0.210	ND	83.3	44.2-190		
trans-1,2-Dichloroethene	0.194		0.024	mg/kg dry	0.210	ND	92.3	35.2-199		
1,1-Dichloroethane	0.158		0.024	mg/kg dry	0.210	ND	75.4	10-236		
2,2-Dichloropropane	0.191		0.040	mg/kg dry	0.210	ND	91.1	22.7-204		
cis-1,2-Dichloroethene	0.178		0.024	mg/kg dry	0.210	ND	84.9	36.9-180		
Chloroform	0.191		0.024	mg/kg dry	0.210	ND	90.8	54.4-176		
1,1,1-Trichloroethane (TCA)	0.186		0.024	mg/kg dry	0.210	ND	88.7	25.1-198		
Carbon tetrachloride	0.194		0.024	mg/kg dry	0.210	ND	92.5	14-216		
1,1-Dichloropropene	0.224		0.024	mg/kg dry	0.210	ND	107	42.3-147		
1,2-Dichloroethane (EDC)	0.251		0.024	mg/kg dry	0.210	ND	120	40.9-190		
Trichloroethene (SIM)	0.187		0.016	mg/kg dry	0.210	0.0180	80.4	43-151		
1,2-Dichloropropane	0.218		0.024	mg/kg dry	0.210	ND	104	48.4-166		
cis-1,3-Dichloropropene	0.140		0.024	mg/kg dry	0.210	ND	66.4	10-200		
Trans-1,3-Dichloropropene	0.169		0.024	mg/kg dry	0.210	ND	80.6	31.6-146		
1,1,2-Trichloroethane	0.234		0.024	mg/kg dry	0.210	ND	111	37.6-187		
Tetrachloroethene (SIM)	0.176		0.016	mg/kg dry	0.210	ND	83.6	48-141		
2-Chlorotoluene	0.179		0.032	mg/kg dry	0.210	ND	85.0	33.9-142		
4-Chlorotoluene	0.172		0.032	mg/kg dry	0.210	ND	82.1	15.2-163		
1,3-Dichlorobenzene	0.200		0.032	mg/kg dry	0.210	ND	95.1	49.8-152		
1,4-Dichlorobenzene	0.206		0.032	mg/kg dry	0.210	ND	98.1	52.9-141		
1,2-Dichlorobenzene	0.198		0.032	mg/kg dry	0.210	ND	94.2	45.2-158		
Surrogate: Dibromofluoromethane			*17.8*	*ug/L*	*20.0*		*88.8*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*26.6*	*ug/L*	*20.0*		*133*	*32.2-196*		
Surrogate: Toluene-d8			*18.4*	*ug/L*	*20.0*		*92.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*22.4*	*ug/L*	*20.0*		*112*	*38.4-136*		
Matrix Spike Dup (BXJ0123-MSD1)		**Parent: L23J083-02**			Prepared & Analyzed: 10/17/2023					
Chloromethane	0.240		0.048	mg/kg dry	0.210	ND	114	10-229	4.56	35
Vinyl Chloride (SIM)	0.0855		0.016	mg/kg dry	0.210	ND	40.7	30.4-218	8.14	35
Chloroethane	0.0722	R	0.048	mg/kg dry	0.210	ND	34.4	10-194	35.8	35
1,1-Dichloroethene	0.175		0.040	mg/kg dry	0.210	ND	83.4	44.2-190	0.113	35
trans-1,2-Dichloroethene	0.231		0.024	mg/kg dry	0.210	ND	110	35.2-199	17.5	35
1,1-Dichloroethane	0.182		0.024	mg/kg dry	0.210	ND	86.8	10-236	14.1	35
2,2-Dichloropropane	0.193		0.040	mg/kg dry	0.210	ND	92.0	22.7-204	0.989	35
cis-1,2-Dichloroethene	0.197		0.024	mg/kg dry	0.210	ND	94.0	36.9-180	10.1	35
Chloroform	0.190		0.024	mg/kg dry	0.210	ND	90.4	54.4-176	0.458	35
1,1,1-Trichloroethane (TCA)	0.241		0.024	mg/kg dry	0.210	ND	115	25.1-198	25.4	35
Carbon tetrachloride	0.235		0.024	mg/kg dry	0.210	ND	112	14-216	19.0	35
1,1-Dichloropropene	0.187		0.024	mg/kg dry	0.210	ND	89.2	42.3-147	17.7	35
1,2-Dichloroethane (EDC)	0.237		0.024	mg/kg dry	0.210	ND	113	40.9-190	5.98	35
Trichloroethene (SIM)	0.190		0.016	mg/kg dry	0.210	0.0180	82.0	43-151	1.81	35
1,2-Dichloropropane	0.207		0.024	mg/kg dry	0.210	ND	98.7	48.4-166	4.96	35
cis-1,3-Dichloropropene	0.140		0.024	mg/kg dry	0.210	ND	66.5	10-200	0.142	35
Trans-1,3-Dichloropropene	0.170		0.024	mg/kg dry	0.210	ND	80.8	31.6-146	0.211	35
1,1,2-Trichloroethane	0.232		0.024	mg/kg dry	0.210	ND	111	37.6-187	0.578	35
Tetrachloroethene (SIM)	0.176		0.016	mg/kg dry	0.210	ND	83.8	48-141	0.225	35
2-Chlorotoluene	0.191		0.032	mg/kg dry	0.210	ND	90.9	33.9-142	6.71	35
4-Chlorotoluene	0.174		0.032	mg/kg dry	0.210	ND	83.0	15.2-163	1.14	35
1,3-Dichlorobenzene	0.203		0.032	mg/kg dry	0.210	ND	96.7	49.8-152	1.65	35

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J083
Reported: 10/25/2023 11:17

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXJ0123-MSD1)		**Parent: L23J083-02**			Prepared & Analyzed: 10/17/2023					
1,4-Dichlorobenzene	0.213		0.032	mg/kg dry	0.210	ND	101	52.9-141	3.37	35
1,2-Dichlorobenzene	0.196		0.032	mg/kg dry	0.210	ND	93.1	45.2-158	1.17	35
Surrogate: Dibromofluoromethane			*23.6*	*ug/L*	*20.0*		*118*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*25.2*	*ug/L*	*20.0*		*126*	*32.2-196*		
Surrogate: Toluene-d8			*18.6*	*ug/L*	*20.0*		*93.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*22.4*	*ug/L*	*20.0*		*112*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J083
Reported: 10/25/2023 11:17

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0124 - Gen Chem										
LCS (BXJ0124-BS1)					Prepared: 10/17/2023 Analyzed: 10/19/2023					
Moisture	18			%	17.0		104	90-115		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety.

Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

October 27, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23J093

Enclosed are the results of analyses for samples received by our laboratory on 10/19/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,



Sherry Chilcutt
Senior Chemist

L23J093

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Date: 10/19/23 Page: 1 of 1

Client: Whatcom Environmental
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Project Manager: Aimee Pennell
Project Name: Sunset Commons
Location: City, State: Bellingham, WA
Collector: Thom Davis Date of Collection: 10/19/23
Email:

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 Chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	Field Notes
1 CO-34		9AM	SO, I	1Jar, 2Vials	X												
2 SS-116 9ft		1130			X												
3 SS-117 9ft		1155			X												
4 SS-118 14ft		1300			X												
5 SS-119 9ft		1515			X												
~~6 SS-120 16.25ft~~		~~1530~~			X												
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	

Relinquished by:	Date / Time	Received by:	Date / Time
WES	10/19/23 @1617		10/19/23 1617
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23J093 **Reported:** 10/27/2023 10:01

Notes and Definitions

Item	Definition
R	High Relative Percent Difference observed.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23J093-01	CO-34	Soil	10/19/2023	10/19/2023
L23J093-02	SS-116 9ft	Soil	10/19/2023	10/19/2023
L23J093-03	SS-117 9ft	Soil	10/19/2023	10/19/2023
L23J093-04	SS-118 14ft	Soil	10/19/2023	10/19/2023
L23J093-05	SS-119 9ft	Soil	10/19/2023	10/19/2023

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Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23J093 **Reported:** 10/27/2023 10:01

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-117 9ft**			Lab#: L23J093-03		
Trichloroethene	0.019		mg/kg dry	0.016	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
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Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J093
Reported: 10/27/2023 10:01

Sample Results

Client Sample ID: CO-34

Lab ID: L23J093-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.043	mg/kg dry	10/19/2023	PB
Vinyl Chloride (SIM)	ND		0.014	mg/kg dry	10/19/2023	PB
Chloroethane	ND		0.043	mg/kg dry	10/19/2023	PB
1,1-Dichloroethene	ND		0.036	mg/kg dry	10/19/2023	PB
trans-1,2-Dichloroethene	ND		0.022	mg/kg dry	10/19/2023	PB
1,1-Dichloroethane	ND		0.022	mg/kg dry	10/19/2023	PB
2,2-Dichloropropane	ND		0.036	mg/kg dry	10/19/2023	PB
cis-1,2-Dichloroethene	ND		0.022	mg/kg dry	10/19/2023	PB
Chloroform	ND		0.022	mg/kg dry	10/19/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.022	mg/kg dry	10/19/2023	PB
Carbon tetrachloride	ND		0.022	mg/kg dry	10/19/2023	PB
1,1-Dichloropropene	ND		0.022	mg/kg dry	10/19/2023	PB
1,2-Dichloroethane (EDC)	ND		0.022	mg/kg dry	10/19/2023	PB
Trichloroethene (SIM)	ND		0.014	mg/kg dry	10/19/2023	PB
1,2-Dichloropropane	ND		0.022	mg/kg dry	10/19/2023	PB
cis-1,3-Dichloropropene	ND		0.022	mg/kg dry	10/19/2023	PB
Trans-1,3-Dichloropropene	ND		0.022	mg/kg dry	10/19/2023	PB
1,1,2-Trichloroethane	ND		0.022	mg/kg dry	10/19/2023	PB
Tetrachloroethene (SIM)	ND		0.014	mg/kg dry	10/19/2023	PB
2-Chlorotoluene	ND		0.029	mg/kg dry	10/19/2023	PB
4-Chlorotoluene	ND		0.029	mg/kg dry	10/19/2023	PB
1,3-Dichlorobenzene	ND		0.029	mg/kg dry	10/19/2023	PB
1,4-Dichlorobenzene	ND		0.029	mg/kg dry	10/19/2023	PB
1,2-Dichlorobenzene	ND		0.029	mg/kg dry	10/19/2023	PB
Surrogate: Dibromofluoromethane	*102%*		*22.9-220*		*10/19/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*149%*		*32.2-196*		*10/19/2023*	*PB*
Surrogate: Toluene-d8	*87.2%*		*47.3-146*		*10/19/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*91.0%*		*38.4-136*		*10/19/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	13		0.50	%	10/24/2023	AA

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Work Order: L23J093
Reported: 10/27/2023 10:01

Sample Results (Continued)

Client Sample ID: SS-116 9ft

Lab ID: L23J093-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	10/19/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/19/2023	PB
Chloroethane	ND		0.049	mg/kg dry	10/19/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	10/19/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/19/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	10/19/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	10/19/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/19/2023	PB
Chloroform	ND		0.024	mg/kg dry	10/19/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	10/19/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	10/19/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	10/19/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	10/19/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	10/19/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	10/19/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/19/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/19/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	10/19/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/19/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	10/19/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	10/19/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	10/19/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	10/19/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	10/19/2023	PB
Surrogate: Dibromofluoromethane	*112%*		*22.9-220*		*10/19/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*137%*		*32.2-196*		*10/19/2023*	*PB*
Surrogate: Toluene-d8	*96.5%*		*47.3-146*		*10/19/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*109%*		*38.4-136*		*10/19/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	10/24/2023	AA

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Sample Results (Continued)

Client Sample ID: SS-117 9ft

Lab ID: L23J093-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	10/19/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/19/2023	PB
Chloroethane	ND		0.048	mg/kg dry	10/19/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	10/19/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/19/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	10/19/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	10/19/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/19/2023	PB
Chloroform	ND		0.024	mg/kg dry	10/19/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	10/19/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	10/19/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	10/19/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	10/19/2023	PB
Trichloroethene (SIM)	0.019		0.016	mg/kg dry	10/19/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	10/19/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/19/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/19/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	10/19/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/19/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	10/19/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	10/19/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	10/19/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	10/19/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	10/19/2023	PB
Surrogate: Dibromofluoromethane	*82.4%*		*22.9-220*		*10/19/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*104%*		*32.2-196*		*10/19/2023*	*PB*
Surrogate: Toluene-d8	*80.4%*		*47.3-146*		*10/19/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*101%*		*38.4-136*		*10/19/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	10/24/2023	AA

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Work Order: L23J093
Reported: 10/27/2023 10:01

Sample Results (Continued)

Client Sample ID: SS-118 14ft

Lab ID: L23J093-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	10/19/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	10/19/2023	PB
Chloroethane	ND		0.050	mg/kg dry	10/19/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	10/19/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/19/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/19/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	10/19/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/19/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/19/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/19/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/19/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/19/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/19/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	10/19/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/19/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/19/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/19/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/19/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	10/19/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	10/19/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	10/19/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	10/19/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	10/19/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	10/19/2023	PB
Surrogate: Dibromofluoromethane	*108%*		*22.9-220*		*10/19/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*144%*		*32.2-196*		*10/19/2023*	*PB*
Surrogate: Toluene-d8	*100%*		*47.3-146*		*10/19/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*102%*		*38.4-136*		*10/19/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	10/24/2023	AA

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Sample Results (Continued)

Client Sample ID: SS-119 9ft

Lab ID: L23J093-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	10/19/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/19/2023	PB
Chloroethane	ND		0.048	mg/kg dry	10/19/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	10/19/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/19/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	10/19/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	10/19/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/19/2023	PB
Chloroform	ND		0.024	mg/kg dry	10/19/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	10/19/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	10/19/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	10/19/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	10/19/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	10/19/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	10/19/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/19/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/19/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	10/19/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/19/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	10/19/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	10/19/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	10/19/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	10/19/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	10/19/2023	PB
Surrogate: Dibromofluoromethane	*110%*		*22.9-220*		*10/19/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*138%*		*32.2-196*		*10/19/2023*	*PB*
Surrogate: Toluene-d8	*95.0%*		*47.3-146*		*10/19/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*102%*		*38.4-136*		*10/19/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	10/24/2023	AA

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Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0133 - VOA										
Blank (BXJ0133-BLK1)					Prepared & Analyzed: 10/19/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*25.8*	*ug/L*	*20.0*		*129*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*28.9*	*ug/L*	*20.0*		*145*	*32.2-196*		
Surrogate: Toluene-d8			*17.2*	*ug/L*	*20.0*		*85.9*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*18.5*	*ug/L*	*20.0*		*92.6*	*38.4-136*		
LCS (BXJ0133-BS1)					Prepared & Analyzed: 10/19/2023					
Chloromethane	0.228		0.060	mg/kg wet	0.250		91.0	10-205		
Vinyl Chloride (SIM)	0.184		0.020	mg/kg wet	0.250		73.8	44.2-183		
Chloroethane	0.148		0.060	mg/kg wet	0.250		59.3	12.4-218		
1,1-Dichloroethene	0.209		0.050	mg/kg wet	0.250		83.5	39.6-181		
trans-1,2-Dichloroethene	0.252		0.030	mg/kg wet	0.250		101	39.6-177		
1,1-Dichloroethane	0.261		0.030	mg/kg wet	0.250		104	24.1-182		
2,2-Dichloropropane	0.278		0.050	mg/kg wet	0.250		111	18.9-210		
cis-1,2-Dichloroethene	0.241		0.030	mg/kg wet	0.250		96.5	29.5-182		
Chloroform	0.318		0.030	mg/kg wet	0.250		127	53-168		
1,1,1-Trichloroethane (TCA)	0.294		0.030	mg/kg wet	0.250		118	10-228		
Carbon tetrachloride	0.282		0.030	mg/kg wet	0.250		113	44-185		
1,1-Dichloropropene	0.200		0.030	mg/kg wet	0.250		79.9	10-192		
1,2-Dichloroethane (EDC)	0.314		0.030	mg/kg wet	0.250		125	39.6-177		
Trichloroethene (SIM)	0.200		0.020	mg/kg wet	0.250		80.1	28.8-130		
1,2-Dichloropropane	0.262		0.030	mg/kg wet	0.250		105	43.7-140		
cis-1,3-Dichloropropene	0.171		0.030	mg/kg wet	0.250		68.5	38.5-134		
Trans-1,3-Dichloropropene	0.220		0.030	mg/kg wet	0.250		88.2	40.1-139		
1,1,2-Trichloroethane	0.326		0.030	mg/kg wet	0.250		130	42.7-171		
Tetrachloroethene (SIM)	0.203		0.020	mg/kg wet	0.250		81.4	30.4-159		
2-Chlorotoluene	0.197		0.040	mg/kg wet	0.250		78.9	35.8-131		

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Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J093
Reported: 10/27/2023 10:01

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXJ0133-BS1)					Prepared & Analyzed: 10/19/2023					
4-Chlorotoluene	0.189		0.040	mg/kg wet	0.250		75.6	37-131		
1,3-Dichlorobenzene	0.245		0.040	mg/kg wet	0.250		97.9	46.9-154		
1,4-Dichlorobenzene	0.263		0.040	mg/kg wet	0.250		105	50.6-146		
1,2-Dichlorobenzene	0.249		0.040	mg/kg wet	0.250		99.5	44.3-151		
Surrogate: Dibromofluoromethane			*25.0*	*ug/L*	*20.0*		*125*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*27.3*	*ug/L*	*20.0*		*136*	*32.2-196*		
Surrogate: Toluene-d8			*18.4*	*ug/L*	*20.0*		*92.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.6*	*ug/L*	*20.0*		*108*	*38.4-136*		
Duplicate (BXJ0133-DUP1)		**Parent: L23J093-01**			Prepared & Analyzed: 10/19/2023					
Chloromethane	ND		0.043	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.014	mg/kg dry		ND				35
Chloroethane	ND		0.043	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.036	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.022	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.022	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.036	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.022	mg/kg dry		ND				35
Chloroform	ND		0.022	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.022	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.022	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.022	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.022	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.014	mg/kg dry		0.00631				35
1,2-Dichloropropane	ND		0.022	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.022	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.022	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.022	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.014	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.029	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.029	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.029	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.029	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.029	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*18.5*	*ug/L*	*20.0*		*92.5*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*28.9*	*ug/L*	*20.0*		*145*	*32.2-196*		
Surrogate: Toluene-d8			*18.1*	*ug/L*	*20.0*		*90.6*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*18.7*	*ug/L*	*20.0*		*93.5*	*38.4-136*		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J093
Reported: 10/27/2023 10:01

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXJ0133-MS1)		**Parent: L23J093-01**			Prepared & Analyzed: 10/19/2023					
Chloromethane	0.122		0.043	mg/kg dry	0.175	ND	69.6	10-229		
Vinyl Chloride (SIM)	0.101		0.014	mg/kg dry	0.175	ND	57.5	30.4-218		
Chloroethane	0.0345		0.043	mg/kg dry	0.175	ND	19.7	10-194		
1,1-Dichloroethene	0.104		0.036	mg/kg dry	0.175	ND	59.4	44.2-190		
trans-1,2-Dichloroethene	0.114		0.022	mg/kg dry	0.175	ND	65.1	35.2-199		
1,1-Dichloroethane	0.0979		0.022	mg/kg dry	0.175	ND	55.9	10-236		
2,2-Dichloropropane	0.122		0.036	mg/kg dry	0.175	ND	69.7	22.7-204		
cis-1,2-Dichloroethene	0.119		0.022	mg/kg dry	0.175	ND	67.8	36.9-180		
Chloroform	0.121		0.022	mg/kg dry	0.175	ND	68.9	54.4-176		
1,1,1-Trichloroethane (TCA)	0.114		0.022	mg/kg dry	0.175	ND	65.3	25.1-198		
Carbon tetrachloride	0.121		0.022	mg/kg dry	0.175	ND	68.8	14-216		
1,1-Dichloropropene	0.100		0.022	mg/kg dry	0.175	ND	57.4	42.3-147		
1,2-Dichloroethane (EDC)	0.173		0.022	mg/kg dry	0.175	ND	99.0	40.9-190		
Trichloroethene (SIM)	0.120		0.014	mg/kg dry	0.175	0.00631	64.6	43-151		
1,2-Dichloropropane	0.136		0.022	mg/kg dry	0.175	ND	77.7	48.4-166		
cis-1,3-Dichloropropene	0.0997		0.022	mg/kg dry	0.175	ND	56.9	10-200		
Trans-1,3-Dichloropropene	0.121		0.022	mg/kg dry	0.175	ND	69.0	31.6-146		
1,1,2-Trichloroethane	0.172		0.022	mg/kg dry	0.175	ND	98.4	37.6-187		
Tetrachloroethene (SIM)	0.108		0.014	mg/kg dry	0.175	ND	61.6	48-141		
2-Chlorotoluene	0.114		0.029	mg/kg dry	0.175	ND	65.1	33.9-142		
4-Chlorotoluene	0.102		0.029	mg/kg dry	0.175	ND	58.2	15.2-163		
1,3-Dichlorobenzene	0.132		0.029	mg/kg dry	0.175	ND	75.3	49.8-152		
1,4-Dichlorobenzene	0.140		0.029	mg/kg dry	0.175	ND	80.0	52.9-141		
1,2-Dichlorobenzene	0.135		0.029	mg/kg dry	0.175	ND	77.1	45.2-158		
Surrogate: Dibromofluoromethane			*18.3*	*ug/L*	*20.0*		*91.6*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*28.7*	*ug/L*	*20.0*		*143*	*32.2-196*		
Surrogate: Toluene-d8			*18.8*	*ug/L*	*20.0*		*93.9*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.3*	*ug/L*	*20.0*		*106*	*38.4-136*		
Matrix Spike Dup (BXJ0133-MSD1)		**Parent: L23J093-01**			Prepared & Analyzed: 10/19/2023					
Chloromethane	0.174	R	0.043	mg/kg dry	0.175	ND	99.4	10-229	35.3	35
Vinyl Chloride (SIM)	0.140		0.014	mg/kg dry	0.175	ND	79.7	30.4-218	32.3	35
Chloroethane	0.0460		0.043	mg/kg dry	0.175	ND	26.3	10-194	28.6	35
1,1-Dichloroethene	0.137		0.036	mg/kg dry	0.175	ND	78.3	44.2-190	27.4	35
trans-1,2-Dichloroethene	0.151		0.022	mg/kg dry	0.175	ND	85.9	35.2-199	27.7	35
1,1-Dichloroethane	0.125		0.022	mg/kg dry	0.175	ND	71.5	10-236	24.6	35
2,2-Dichloropropane	0.161		0.036	mg/kg dry	0.175	ND	91.9	22.7-204	27.6	35
cis-1,2-Dichloroethene	0.153		0.022	mg/kg dry	0.175	ND	87.1	36.9-180	24.9	35
Chloroform	0.158		0.022	mg/kg dry	0.175	ND	89.9	54.4-176	26.4	35
1,1,1-Trichloroethane (TCA)	0.213	R	0.022	mg/kg dry	0.175	ND	121	25.1-198	60.2	35
Carbon tetrachloride	0.161		0.022	mg/kg dry	0.175	ND	91.8	14-216	28.6	35
1,1-Dichloropropene	0.156	R	0.022	mg/kg dry	0.175	ND	89.2	42.3-147	43.5	35
1,2-Dichloroethane (EDC)	0.230		0.022	mg/kg dry	0.175	ND	131	40.9-190	28.1	35
Trichloroethene (SIM)	0.160		0.014	mg/kg dry	0.175	0.00631	87.8	43-151	29.0	35
1,2-Dichloropropane	0.190		0.022	mg/kg dry	0.175	ND	109	48.4-166	33.1	35
cis-1,3-Dichloropropene	0.135		0.022	mg/kg dry	0.175	ND	77.2	10-200	30.3	35
Trans-1,3-Dichloropropene	0.167		0.022	mg/kg dry	0.175	ND	95.2	31.6-146	32.0	35
1,1,2-Trichloroethane	0.224		0.022	mg/kg dry	0.175	ND	128	37.6-187	26.1	35
Tetrachloroethene (SIM)	0.150		0.014	mg/kg dry	0.175	ND	85.6	48-141	32.7	35
2-Chlorotoluene	0.156		0.029	mg/kg dry	0.175	ND	89.1	33.9-142	31.1	35
4-Chlorotoluene	0.142		0.029	mg/kg dry	0.175	ND	80.9	15.2-163	32.6	35
1,3-Dichlorobenzene	0.180		0.029	mg/kg dry	0.175	ND	103	49.8-152	30.9	35

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J093
Reported: 10/27/2023 10:01

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXJ0133-MSD1)		**Parent: L23J093-01**			Prepared & Analyzed: 10/19/2023					
1,4-Dichlorobenzene	0.181		0.029	mg/kg dry	0.175	ND	104	52.9-141	25.6	35
1,2-Dichlorobenzene	0.174		0.029	mg/kg dry	0.175	ND	99.1	45.2-158	25.0	35
Surrogate: Dibromofluoromethane			*23.5*	*ug/L*	*20.0*		*118*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*27.0*	*ug/L*	*20.0*		*135*	*32.2-196*		
Surrogate: Toluene-d8			*18.8*	*ug/L*	*20.0*		*93.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*22.0*	*ug/L*	*20.0*		*110*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J093
Reported: 10/27/2023 10:01

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0139 - Gen Chem										
LCS (BXJ0139-BS1)					Prepared: 10/19/2023 Analyzed: 10/24/2023					
Moisture	18			%	17.0		103	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

Phone (360) 352-2110 • libbyenv@gmail.com

October 27, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23J104

Enclosed are the results of analyses for samples received by our laboratory on 10/20/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.com

Date: 10/20/23 Page: 1 of

Client: Whatcom Env. Project Manager: Aimee Pennell

Address: Project Name: Sunset Commons

City: State: Zip: Location: City, State: Bellingham, WA

Phone: Fax: Collector: Thom Davis Date of Collection: 10/19 & 10/20/23

Client Project # Email:

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	Field Notes
1 SS-120 16.25Ft	16.25Ft	1530	Soil	5Gal, 2Voas	X												Collected 10/19
2 SS-121 9ft	9	905A	Soil	" "	X												Collected 10/20
3 SS-122 14ft	14	1020	Soil	" "	X												
4 CO-35	—	1230	Soil	" "	X												
5 SS-123 9ft	9	1300	Soil	" "	X												
6 SS-124 14ft	14	1310	Soil	" "	X												
7 SS-125 9Ft	9	1415	Soil	" "	X												
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	

Relinquished by:	Date / Time	Received by:	Date / Time
WES			
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23J104 **Reported:** 10/27/2023 16:09

Notes and Definitions

Item	Definition
R	High Relative Percent Difference observed.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23J104-01	SS-120 16.25ft	Soil	10/19/2023	10/20/2023
L23J104-02	SS-121 9ft	Soil	10/20/2023	10/20/2023
L23J104-03	SS-122 14ft	Soil	10/20/2023	10/20/2023
L23J104-04	CO-35	Soil	10/20/2023	10/20/2023
L23J104-05	SS-123 9ft	Soil	10/20/2023	10/20/2023
L23J104-06	SS-124 14ft	Soil	10/20/2023	10/20/2023
L23J104-07	SS-125 9ft	Soil	10/20/2023	10/20/2023

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Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23J104 **Reported:** 10/27/2023 16:09

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-121 9ft**			Lab#: L23J104-02		
Trichloroethene (TCE)	0.10		mg/kg dry	0.017	8260D
Sample: **SS-122 14ft**			Lab#: L23J104-03		
Trichloroethene (TCE)	0.13		mg/kg dry	0.016	8260D
Sample: **SS-125 9ft**			Lab#: L23J104-07		
Trichloroethene (TCE)	0.092		mg/kg dry	0.016	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J104
Reported: 10/27/2023 16:09

Sample Results

Client Sample ID: SS-120 16.25ft

Lab ID: L23J104-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	10/20/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	10/20/2023	PB
Chloroethane	ND		0.050	mg/kg dry	10/20/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	10/20/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/20/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/20/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	10/20/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/20/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/20/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/20/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/20/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/20/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/20/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	10/20/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/20/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/20/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/20/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/20/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	10/20/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	10/20/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	10/20/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	10/20/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	10/20/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	10/20/2023	PB
Surrogate: Dibromofluoromethane	*121%*		*22.9-220*		*10/20/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*128%*		*32.2-196*		*10/20/2023*	*PB*
Surrogate: Toluene-d8	*90.0%*		*47.3-146*		*10/20/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*88.1%*		*38.4-136*		*10/20/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	10/24/2023	AA

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J104
Reported: 10/27/2023 16:09

Sample Results (Continued)

Client Sample ID: SS-121 9ft

Lab ID: L23J104-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.052	mg/kg dry	10/20/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	10/20/2023	PB
Chloroethane	ND		0.052	mg/kg dry	10/20/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	10/20/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	10/20/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	10/20/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	10/20/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	10/20/2023	PB
Chloroform	ND		0.026	mg/kg dry	10/20/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	10/20/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	10/20/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	10/20/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	10/20/2023	PB
Trichloroethene (TCE)	0.10		0.017	mg/kg dry	10/20/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	10/20/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	10/20/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	10/20/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	10/20/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	10/20/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	10/20/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	10/20/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	10/20/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	10/20/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	10/20/2023	PB
Surrogate: Dibromofluoromethane	*124%*		*22.9-220*		*10/20/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*137%*		*32.2-196*		*10/20/2023*	*PB*
Surrogate: Toluene-d8	*86.0%*		*47.3-146*		*10/20/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*92.0%*		*38.4-136*		*10/20/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	10/24/2023	AA

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J104
Reported: 10/27/2023 16:09

Sample Results (Continued)

Client Sample ID: SS-122 14ft

Lab ID: L23J104-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	10/20/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/20/2023	PB
Chloroethane	ND		0.049	mg/kg dry	10/20/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	10/20/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/20/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/20/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	10/20/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/20/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/20/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/20/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/20/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/20/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/20/2023	PB
Trichloroethene (TCE)	0.13		0.016	mg/kg dry	10/20/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/20/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/20/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/20/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/20/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/20/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	10/20/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	10/20/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	10/20/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	10/20/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	10/20/2023	PB
Surrogate: Dibromofluoromethane	*113%*		*22.9-220*		*10/20/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*118%*		*32.2-196*		*10/20/2023*	*PB*
Surrogate: Toluene-d8	*90.8%*		*47.3-146*		*10/20/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*102%*		*38.4-136*		*10/20/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	10/24/2023	AA

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Sample Results (Continued)

Client Sample ID: CO-35

Lab ID: L23J104-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	10/20/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/20/2023	PB
Chloroethane	ND		0.049	mg/kg dry	10/20/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	10/20/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/20/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	10/20/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	10/20/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/20/2023	PB
Chloroform	ND		0.024	mg/kg dry	10/20/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	10/20/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	10/20/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	10/20/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	10/20/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	10/20/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	10/20/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/20/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/20/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	10/20/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/20/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	10/20/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	10/20/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	10/20/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	10/20/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	10/20/2023	PB
Surrogate: Dibromofluoromethane	*94.2%*		*22.9-220*		*10/20/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*122%*		*32.2-196*		*10/20/2023*	*PB*
Surrogate: Toluene-d8	*91.9%*		*47.3-146*		*10/20/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*102%*		*38.4-136*		*10/20/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	10/24/2023	AA

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Sample Results (Continued)

Client Sample ID: SS-123 9ft

Lab ID: L23J104-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	10/20/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/20/2023	PB
Chloroethane	ND		0.048	mg/kg dry	10/20/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	10/20/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/20/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	10/20/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	10/20/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/20/2023	PB
Chloroform	ND		0.024	mg/kg dry	10/20/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	10/20/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	10/20/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	10/20/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	10/20/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	10/20/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	10/20/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/20/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/20/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	10/20/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/20/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	10/20/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	10/20/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	10/20/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	10/20/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	10/20/2023	PB
Surrogate: Dibromofluoromethane	*119%*		*22.9-220*		*10/20/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*126%*		*32.2-196*		*10/20/2023*	*PB*
Surrogate: Toluene-d8	*90.1%*		*47.3-146*		*10/20/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*104%*		*38.4-136*		*10/20/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	10/24/2023	AA

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Sample Results (Continued)

Client Sample ID: SS-124 14ft

Lab ID: L23J104-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	10/20/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/20/2023	PB
Chloroethane	ND		0.048	mg/kg dry	10/20/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	10/20/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/20/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	10/20/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	10/20/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/20/2023	PB
Chloroform	ND		0.024	mg/kg dry	10/20/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	10/20/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	10/20/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	10/20/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	10/20/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	10/20/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	10/20/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/20/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/20/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	10/20/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/20/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	10/20/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	10/20/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	10/20/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	10/20/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	10/20/2023	PB
Surrogate: Dibromofluoromethane	*118%*		*22.9-220*		*10/20/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*120%*		*32.2-196*		*10/20/2023*	*PB*
Surrogate: Toluene-d8	*90.3%*		*47.3-146*		*10/20/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*92.2%*		*38.4-136*		*10/20/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	10/24/2023	AA

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Sample Results (Continued)

Client Sample ID: SS-125 9ft

Lab ID: L23J104-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	10/20/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/20/2023	PB
Chloroethane	ND		0.048	mg/kg dry	10/20/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	10/20/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/20/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	10/20/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	10/20/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/20/2023	PB
Chloroform	ND		0.024	mg/kg dry	10/20/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	10/20/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	10/20/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	10/20/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	10/20/2023	PB
Trichloroethene (TCE)	0.092		0.016	mg/kg dry	10/20/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	10/20/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/20/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/20/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	10/20/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/20/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	10/20/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	10/20/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	10/20/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	10/20/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	10/20/2023	PB
Surrogate: Dibromofluoromethane	*120%*		*22.9-220*		*10/20/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*127%*		*32.2-196*		*10/20/2023*	*PB*
Surrogate: Toluene-d8	*88.6%*		*47.3-146*		*10/20/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*89.2%*		*38.4-136*		*10/20/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	10/24/2023	AA

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Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J104
Reported: 10/27/2023 16:09

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0142 - VOA										
Blank (BXJ0142-BLK1)					Prepared & Analyzed: 10/20/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*23.8*	*ug/L*	*20.0*		*119*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*25.2*	*ug/L*	*20.0*		*126*	*32.2-196*		
Surrogate: Toluene-d8			*18.1*	*ug/L*	*20.0*		*90.4*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*17.9*	*ug/L*	*20.0*		*89.6*	*38.4-136*		
LCS (BXJ0142-BS1)					Prepared & Analyzed: 10/20/2023					
Chloromethane	0.193		0.060	mg/kg wet	0.250		77.3	10-205		
Vinyl Chloride (SIM)	0.164		0.020	mg/kg wet	0.250		65.4	44.2-183		
Chloroethane	0.119		0.060	mg/kg wet	0.250		47.6	12.4-218		
1,1-Dichloroethene	0.277		0.050	mg/kg wet	0.250		111	39.6-181		
trans-1,2-Dichloroethene	0.236		0.030	mg/kg wet	0.250		94.2	39.6-177		
1,1-Dichloroethane	0.340		0.030	mg/kg wet	0.250		136	24.1-182		
2,2-Dichloropropane	0.295		0.050	mg/kg wet	0.250		118	18.9-210		
cis-1,2-Dichloroethene	0.271		0.030	mg/kg wet	0.250		108	29.5-182		
Chloroform	0.308		0.030	mg/kg wet	0.250		123	53-168		
1,1,1-Trichloroethane (TCA)	0.288		0.030	mg/kg wet	0.250		115	10-228		
Carbon tetrachloride	0.266		0.030	mg/kg wet	0.250		107	44-185		
1,1-Dichloropropene	0.190		0.030	mg/kg wet	0.250		75.8	10-192		
1,2-Dichloroethane (EDC)	0.294		0.030	mg/kg wet	0.250		118	39.6-177		
Trichloroethene (SIM)	0.194		0.020	mg/kg wet	0.250		77.5	28.8-130		
1,2-Dichloropropane	0.258		0.030	mg/kg wet	0.250		103	43.7-140		
cis-1,3-Dichloropropene	0.180		0.030	mg/kg wet	0.250		71.9	38.5-134		
Trans-1,3-Dichloropropene	0.210		0.030	mg/kg wet	0.250		83.9	40.1-139		
1,1,2-Trichloroethane	0.296		0.030	mg/kg wet	0.250		118	42.7-171		
Tetrachloroethene (SIM)	0.198		0.020	mg/kg wet	0.250		79.4	30.4-159		
2-Chlorotoluene	0.209		0.040	mg/kg wet	0.250		83.6	35.8-131		

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Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXJ0142-BS1)					Prepared & Analyzed: 10/20/2023					
4-Chlorotoluene	0.201		0.040	mg/kg wet	0.250		80.4	37-131		
1,3-Dichlorobenzene	0.243		0.040	mg/kg wet	0.250		97.1	46.9-154		
1,4-Dichlorobenzene	0.247		0.040	mg/kg wet	0.250		98.9	50.6-146		
1,2-Dichlorobenzene	0.242		0.040	mg/kg wet	0.250		96.9	44.3-151		
Surrogate: Dibromofluoromethane			*24.0*	*ug/L*	*20.0*		*120*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*25.1*	*ug/L*	*20.0*		*126*	*32.2-196*		
Surrogate: Toluene-d8			*18.9*	*ug/L*	*20.0*		*94.6*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.6*	*ug/L*	*20.0*		*108*	*38.4-136*		
Duplicate (BXJ0142-DUP1)		**Parent: L23J104-01**			Prepared & Analyzed: 10/20/2023					
Chloromethane	ND		0.050	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry		ND				35
Chloroethane	ND		0.050	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.042	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.025	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.042	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry		ND				35
Chloroform	ND		0.025	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.025	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.025	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.017	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.025	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.025	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.033	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.033	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.033	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.033	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.033	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*25.3*	*ug/L*	*20.0*		*126*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*27.5*	*ug/L*	*20.0*		*137*	*32.2-196*		
Surrogate: Toluene-d8			*17.9*	*ug/L*	*20.0*		*89.7*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*17.8*	*ug/L*	*20.0*		*89.2*	*38.4-136*		

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No duplication of this report is allowed, except in its entirety.

Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J104
Reported: 10/27/2023 16:09

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXJ0142-MS1)		**Parent: L23J104-01**			Prepared & Analyzed: 10/20/2023					
Chloromethane	0.240		0.050	mg/kg dry	0.210	ND	115	10-229		
Vinyl Chloride (SIM)	0.175		0.017	mg/kg dry	0.210	ND	83.5	30.4-218		
Chloroethane	0.0917		0.050	mg/kg dry	0.210	ND	43.7	10-194		
1,1-Dichloroethene	0.192		0.042	mg/kg dry	0.210	ND	91.8	44.2-190		
trans-1,2-Dichloroethene	0.208		0.025	mg/kg dry	0.210	ND	99.4	35.2-199		
1,1-Dichloroethane	0.250		0.025	mg/kg dry	0.210	ND	119	10-236		
2,2-Dichloropropane	0.304		0.042	mg/kg dry	0.210	ND	145	22.7-204		
cis-1,2-Dichloroethene	0.286		0.025	mg/kg dry	0.210	ND	137	36.9-180		
Chloroform	0.334		0.025	mg/kg dry	0.210	ND	159	54.4-176		
1,1,1-Trichloroethane (TCA)	0.302		0.025	mg/kg dry	0.210	ND	144	25.1-198		
Carbon tetrachloride	0.300		0.025	mg/kg dry	0.210	ND	143	14-216		
1,1-Dichloropropene	0.186		0.025	mg/kg dry	0.210	ND	88.5	42.3-147		
1,2-Dichloroethane (EDC)	0.327		0.025	mg/kg dry	0.210	ND	156	40.9-190		
Trichloroethene (SIM)	0.199		0.017	mg/kg dry	0.210	ND	95.1	43-151		
1,2-Dichloropropane	0.266		0.025	mg/kg dry	0.210	ND	127	48.4-166		
cis-1,3-Dichloropropene	0.171		0.025	mg/kg dry	0.210	ND	81.4	10-200		
Trans-1,3-Dichloropropene	0.220		0.025	mg/kg dry	0.210	ND	105	31.6-146		
1,1,2-Trichloroethane	0.345		0.025	mg/kg dry	0.210	ND	165	37.6-187		
Tetrachloroethene (SIM)	0.199		0.017	mg/kg dry	0.210	ND	94.7	48-141		
2-Chlorotoluene	0.208		0.034	mg/kg dry	0.210	ND	99.2	33.9-142		
4-Chlorotoluene	0.200		0.034	mg/kg dry	0.210	ND	95.2	15.2-163		
1,3-Dichlorobenzene	0.248		0.034	mg/kg dry	0.210	ND	118	49.8-152		
1,4-Dichlorobenzene	0.270		0.034	mg/kg dry	0.210	ND	129	52.9-141		
1,2-Dichlorobenzene	0.240		0.034	mg/kg dry	0.210	ND	114	45.2-158		
Surrogate: Dibromofluoromethane			*25.0*	*ug/L*	*20.0*		*125*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*27.6*	*ug/L*	*20.0*		*138*	*32.2-196*		
Surrogate: Toluene-d8			*18.4*	*ug/L*	*20.0*		*91.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.3*	*ug/L*	*20.0*		*107*	*38.4-136*		
Matrix Spike Dup (BXJ0142-MSD1)		**Parent: L23J104-01**			Prepared & Analyzed: 10/20/2023					
Chloromethane	0.184		0.050	mg/kg dry	0.210	ND	87.5	10-229	26.8	35
Vinyl Chloride (SIM)	0.152		0.017	mg/kg dry	0.210	ND	72.3	30.4-218	14.3	35
Chloroethane	0.134	R	0.050	mg/kg dry	0.210	ND	63.8	10-194	37.4	35
1,1-Dichloroethene	0.193		0.042	mg/kg dry	0.210	ND	92.1	44.2-190	0.306	35
trans-1,2-Dichloroethene	0.209		0.025	mg/kg dry	0.210	ND	99.6	35.2-199	0.161	35
1,1-Dichloroethane	0.310		0.025	mg/kg dry	0.210	ND	148	10-236	21.6	35
2,2-Dichloropropane	0.255		0.042	mg/kg dry	0.210	ND	122	22.7-204	17.5	35
cis-1,2-Dichloroethene	0.238		0.025	mg/kg dry	0.210	ND	113	36.9-180	18.6	35
Chloroform	0.282		0.025	mg/kg dry	0.210	ND	134	54.4-176	16.9	35
1,1,1-Trichloroethane (TCA)	0.272		0.025	mg/kg dry	0.210	ND	130	25.1-198	10.6	35
Carbon tetrachloride	0.281		0.025	mg/kg dry	0.210	ND	134	14-216	6.75	35
1,1-Dichloropropene	0.169		0.025	mg/kg dry	0.210	ND	80.5	42.3-147	9.50	35
1,2-Dichloroethane (EDC)	0.237		0.025	mg/kg dry	0.210	ND	113	40.9-190	31.7	35
Trichloroethene (SIM)	0.182		0.017	mg/kg dry	0.210	ND	86.9	43-151	8.95	35
1,2-Dichloropropane	0.227		0.025	mg/kg dry	0.210	ND	108	48.4-166	15.7	35
cis-1,3-Dichloropropene	0.143		0.025	mg/kg dry	0.210	ND	68.2	10-200	17.7	35
Trans-1,3-Dichloropropene	0.162		0.025	mg/kg dry	0.210	ND	77.5	31.6-146	30.2	35
1,1,2-Trichloroethane	0.226	R	0.025	mg/kg dry	0.210	ND	108	37.6-187	41.8	35
Tetrachloroethene (SIM)	0.175		0.017	mg/kg dry	0.210	ND	83.3	48-141	12.8	35
2-Chlorotoluene	0.235		0.034	mg/kg dry	0.210	ND	112	33.9-142	12.4	35
4-Chlorotoluene	0.220		0.034	mg/kg dry	0.210	ND	105	15.2-163	9.63	35
1,3-Dichlorobenzene	0.227		0.034	mg/kg dry	0.210	ND	108	49.8-152	8.61	35

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J104
Reported: 10/27/2023 16:09

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXJ0142-MSD1)		**Parent: L23J104-01**			Prepared & Analyzed: 10/20/2023					
1,4-Dichlorobenzene	0.233		0.034	mg/kg dry	0.210	ND	111	52.9-141	14.9	35
1,2-Dichlorobenzene	0.207		0.034	mg/kg dry	0.210	ND	98.9	45.2-158	14.4	35
Surrogate: Dibromofluoromethane			*23.7*	*ug/L*	*20.0*		*118*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*22.3*	*ug/L*	*20.0*		*112*	*32.2-196*		
Surrogate: Toluene-d8			*19.0*	*ug/L*	*20.0*		*95.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*20.4*	*ug/L*	*20.0*		*102*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J104
Reported: 10/27/2023 16:09

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0144 - Gen Chem										
LCS (BXJ0144-BS1)					Prepared: 10/20/2023 Analyzed: 10/24/2023					
Moisture	18			%	17.0		103	90-115		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

October 30, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23J113

Enclosed are the results of analyses for samples received by our laboratory on 10/23/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

LLSV115

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Page 2 of 10

Date: 10/23/23 Page: 1 of 1

Client: Whatcom Environmental
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Project Manager: Aimee Pennell
Project Name: Sunset Commons
Location: City, State: Bellingham, WA
Collector: Thom Davis Date of Collection: 10/23/23
Email:

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1	SS-126 14ft	14	1350	Soil	1Jar, 2-Vial	X														
2	SS-127 17.5ft	17.5	1400	↓	↓	X														
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
	10/23/23 1530		10/23/23 1530
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23J113 **Reported:** 10/30/2023 16:50

Notes and Definitions

Item	Definition
S	Spike recovery indicates a possible matrix effect.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23J113-01	SS-126 14ft	Soil	10/23/2023	10/23/2023
L23J113-02	SS-127 17.5ft	Soil	10/23/2023	10/23/2023

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J113
Reported: 10/30/2023 16:50

Sample Results

Client Sample ID: SS-126 14ft

Lab ID: L23J113-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	10/23/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	10/23/2023	PB
Chloroethane	ND		0.050	mg/kg dry	10/23/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	10/23/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/23/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/23/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	10/23/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/23/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/23/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/23/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/23/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/23/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/23/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	10/23/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/23/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/23/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/23/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/23/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	10/23/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	10/23/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	10/23/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	10/23/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	10/23/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	10/23/2023	PB
Surrogate: Dibromofluoromethane	*103%*		*22.9-220*		*10/23/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*152%*		*32.2-196*		*10/23/2023*	*PB*
Surrogate: Toluene-d8	*86.6%*		*47.3-146*		*10/23/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*81.5%*		*38.4-136*		*10/23/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	10/30/2023	AA

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J113
Reported: 10/30/2023 16:50

Sample Results (Continued)

Client Sample ID: SS-127 17.5ft

Lab ID: L23J113-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	10/23/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	10/23/2023	PB
Chloroethane	ND		0.050	mg/kg dry	10/23/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	10/23/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/23/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/23/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	10/23/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/23/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/23/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/23/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/23/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/23/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/23/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	10/23/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/23/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/23/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/23/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/23/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	10/23/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	10/23/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	10/23/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	10/23/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	10/23/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	10/23/2023	PB
Surrogate: Dibromofluoromethane	*110%*		*22.9-220*		*10/23/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*140%*		*32.2-196*		*10/23/2023*	*PB*
Surrogate: Toluene-d8	*84.4%*		*47.3-146*		*10/23/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*85.0%*		*38.4-136*		*10/23/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	10/30/2023	AA

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J113
Reported: 10/30/2023 16:50

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0162 - VOA										
Blank (BXJ0162-BLK1)					Prepared & Analyzed: 10/23/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*24.2*	*ug/L*	*20.0*		*121*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*25.3*	*ug/L*	*20.0*		*127*	*32.2-196*		
Surrogate: Toluene-d8			*17.7*	*ug/L*	*20.0*		*88.6*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*16.9*	*ug/L*	*20.0*		*84.4*	*38.4-136*		
LCS (BXJ0162-BS1)					Prepared & Analyzed: 10/23/2023					
Chloromethane	0.311		0.060	mg/kg wet	0.250		125	10-205		
Vinyl Chloride (SIM)	0.231		0.020	mg/kg wet	0.250		92.4	44.2-183		
Chloroethane	1.12	S	0.060	mg/kg wet	0.250		450	12.4-218		
1,1-Dichloroethene	0.394		0.050	mg/kg wet	0.250		157	39.6-181		
trans-1,2-Dichloroethene	0.431		0.030	mg/kg wet	0.250		172	39.6-177		
1,1-Dichloroethane	0.409		0.030	mg/kg wet	0.250		163	24.1-182		
2,2-Dichloropropane	0.352		0.050	mg/kg wet	0.250		141	18.9-210		
cis-1,2-Dichloroethene	0.306		0.030	mg/kg wet	0.250		122	29.5-182		
Chloroform	0.358		0.030	mg/kg wet	0.250		143	53-168		
1,1,1-Trichloroethane (TCA)	0.354		0.030	mg/kg wet	0.250		142	10-228		
Carbon tetrachloride	0.337		0.030	mg/kg wet	0.250		135	44-185		
1,1-Dichloropropene	0.232		0.030	mg/kg wet	0.250		92.8	10-192		
1,2-Dichloroethane (EDC)	0.350		0.030	mg/kg wet	0.250		140	39.6-177		
Trichloroethene (SIM)	0.237		0.020	mg/kg wet	0.250		94.8	28.8-130		
1,2-Dichloropropane	0.300		0.030	mg/kg wet	0.250		120	43.7-140		
cis-1,3-Dichloropropene	0.215		0.030	mg/kg wet	0.250		85.9	38.5-134		
Trans-1,3-Dichloropropene	0.263		0.030	mg/kg wet	0.250		105	40.1-139		
1,1,2-Trichloroethane	0.352		0.030	mg/kg wet	0.250		141	42.7-171		
Tetrachloroethene (SIM)	0.251		0.020	mg/kg wet	0.250		100	30.4-159		
2-Chlorotoluene	0.260		0.040	mg/kg wet	0.250		104	35.8-131		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J113
Reported: 10/30/2023 16:50

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXJ0162-BS1)					Prepared & Analyzed: 10/23/2023					
4-Chlorotoluene	0.249		0.040	mg/kg wet	0.250		99.7	37-131		
1,3-Dichlorobenzene	0.301		0.040	mg/kg wet	0.250		120	46.9-154		
1,4-Dichlorobenzene	0.307		0.040	mg/kg wet	0.250		123	50.6-146		
1,2-Dichlorobenzene	0.294		0.040	mg/kg wet	0.250		118	44.3-151		
Surrogate: Dibromofluoromethane			*23.2*	*ug/L*	*20.0*		*116*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*24.6*	*ug/L*	*20.0*		*123*	*32.2-196*		
Surrogate: Toluene-d8			*19.1*	*ug/L*	*20.0*		*95.6*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*20.3*	*ug/L*	*20.0*		*101*	*38.4-136*		
Duplicate (BXJ0162-DUP1)		**Parent: L23J113-02**			Prepared & Analyzed: 10/23/2023					
Chloromethane	ND		0.050	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry		ND				35
Chloroethane	ND		0.050	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.041	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.025	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.041	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry		ND				35
Chloroform	ND		0.025	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.025	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.025	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.017	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.025	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.025	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.033	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.033	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.033	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.033	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.033	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*26.4*	*ug/L*	*20.0*		*132*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*28.8*	*ug/L*	*20.0*		*144*	*32.2-196*		
Surrogate: Toluene-d8			*17.2*	*ug/L*	*20.0*		*85.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*17.8*	*ug/L*	*20.0*		*89.1*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J113
Reported: 10/30/2023 16:50

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXJ0162-MS1)		**Parent: L23J113-02**			Prepared & Analyzed: 10/23/2023					
Chloromethane	0.417		0.086	mg/kg dry	0.303	ND	138	10-229		
Vinyl Chloride (SIM)	0.311		0.029	mg/kg dry	0.303	ND	103	30.4-218		
Chloroethane	0.192		0.086	mg/kg dry	0.303	ND	63.2	10-194		
1,1-Dichloroethene	0.322		0.071	mg/kg dry	0.303	ND	106	44.2-190		
trans-1,2-Dichloroethene	0.341		0.043	mg/kg dry	0.303	ND	112	35.2-199		
1,1-Dichloroethane	0.359		0.043	mg/kg dry	0.303	ND	118	10-236		
2,2-Dichloropropane	0.450		0.071	mg/kg dry	0.303	ND	148	22.7-204		
cis-1,2-Dichloroethene	0.413		0.043	mg/kg dry	0.303	ND	136	36.9-180		
Chloroform	0.480		0.043	mg/kg dry	0.303	ND	158	54.4-176		
1,1,1-Trichloroethane (TCA)	0.447		0.043	mg/kg dry	0.303	ND	147	25.1-198		
Carbon tetrachloride	0.444		0.043	mg/kg dry	0.303	ND	147	14-216		
1,1-Dichloropropene	0.270		0.043	mg/kg dry	0.303	ND	89.0	42.3-147		
1,2-Dichloroethane (EDC)	0.444		0.043	mg/kg dry	0.303	ND	147	40.9-190		
Trichloroethene (SIM)	0.289		0.029	mg/kg dry	0.303	ND	95.3	43-151		
1,2-Dichloropropane	0.360		0.043	mg/kg dry	0.303	ND	119	48.4-166		
cis-1,3-Dichloropropene	0.246		0.043	mg/kg dry	0.303	ND	81.1	10-200		
Trans-1,3-Dichloropropene	0.260		0.043	mg/kg dry	0.303	ND	85.9	31.6-146		
1,1,2-Trichloroethane	0.414		0.043	mg/kg dry	0.303	ND	137	37.6-187		
Tetrachloroethene (SIM)	0.268		0.029	mg/kg dry	0.303	ND	88.4	48-141		
2-Chlorotoluene	0.292		0.057	mg/kg dry	0.303	ND	96.2	33.9-142		
4-Chlorotoluene	0.332		0.057	mg/kg dry	0.303	ND	110	15.2-163		
1,3-Dichlorobenzene	0.351		0.057	mg/kg dry	0.303	ND	116	49.8-152		
1,4-Dichlorobenzene	0.365		0.057	mg/kg dry	0.303	ND	120	52.9-141		
1,2-Dichlorobenzene	0.362		0.057	mg/kg dry	0.303	ND	120	45.2-158		
Surrogate: Dibromofluoromethane			*26.3*	*ug/L*	*20.0*		*132*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*27.7*	*ug/L*	*20.0*		*139*	*32.2-196*		
Surrogate: Toluene-d8			*18.6*	*ug/L*	*20.0*		*92.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.2*	*ug/L*	*20.0*		*106*	*38.4-136*		
Matrix Spike Dup (BXJ0162-MSD1)		**Parent: L23J113-02**			Prepared & Analyzed: 10/23/2023					
Chloromethane	0.407		0.086	mg/kg dry	0.303	ND	134	10-229	2.47	35
Vinyl Chloride (SIM)	0.300		0.029	mg/kg dry	0.303	ND	98.9	30.4-218	3.62	35
Chloroethane	0.166		0.086	mg/kg dry	0.303	ND	54.8	10-194	14.3	35
1,1-Dichloroethene	0.295		0.071	mg/kg dry	0.303	ND	97.2	44.2-190	8.94	35
trans-1,2-Dichloroethene	0.318		0.043	mg/kg dry	0.303	ND	105	35.2-199	6.79	35
1,1-Dichloroethane	0.325		0.043	mg/kg dry	0.303	ND	107	10-236	9.85	35
2,2-Dichloropropane	0.420		0.071	mg/kg dry	0.303	ND	139	22.7-204	6.85	35
cis-1,2-Dichloroethene	0.401		0.043	mg/kg dry	0.303	ND	132	36.9-180	2.82	35
Chloroform	0.454		0.043	mg/kg dry	0.303	ND	150	54.4-176	5.60	35
1,1,1-Trichloroethane (TCA)	0.429		0.043	mg/kg dry	0.303	ND	141	25.1-198	4.25	35
Carbon tetrachloride	0.453		0.043	mg/kg dry	0.303	ND	149	14-216	1.89	35
1,1-Dichloropropene	0.272		0.043	mg/kg dry	0.303	ND	89.8	42.3-147	0.868	35
1,2-Dichloroethane (EDC)	0.416		0.043	mg/kg dry	0.303	ND	137	40.9-190	6.59	35
Trichloroethene (SIM)	0.286		0.029	mg/kg dry	0.303	ND	94.5	43-151	0.818	35
1,2-Dichloropropane	0.361		0.043	mg/kg dry	0.303	ND	119	48.4-166	0.0396	35
cis-1,3-Dichloropropene	0.252		0.043	mg/kg dry	0.303	ND	83.3	10-200	2.69	35
Trans-1,3-Dichloropropene	0.284		0.043	mg/kg dry	0.303	ND	93.7	31.6-146	8.61	35
1,1,2-Trichloroethane	0.418		0.043	mg/kg dry	0.303	ND	138	37.6-187	0.925	35
Tetrachloroethene (SIM)	0.278		0.029	mg/kg dry	0.303	ND	91.8	48-141	3.73	35
2-Chlorotoluene	0.297		0.057	mg/kg dry	0.303	ND	97.9	33.9-142	1.74	35
4-Chlorotoluene	0.287		0.057	mg/kg dry	0.303	ND	94.8	15.2-163	14.5	35
1,3-Dichlorobenzene	0.348		0.057	mg/kg dry	0.303	ND	115	49.8-152	0.938	35

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J113
Reported: 10/30/2023 16:50

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXJ0162-MSD1)		**Parent: L23J113-02**			Prepared & Analyzed: 10/23/2023					
1,4-Dichlorobenzene	0.347		0.057	mg/kg dry	0.303	ND	114	52.9-141	5.09	35
1,2-Dichlorobenzene	0.354		0.057	mg/kg dry	0.303	ND	117	45.2-158	2.33	35
Surrogate: Dibromofluoromethane			*25.5*	*ug/L*	*20.0*		*128*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*26.6*	*ug/L*	*20.0*		*133*	*32.2-196*		
Surrogate: Toluene-d8			*18.5*	*ug/L*	*20.0*		*92.6*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*20.8*	*ug/L*	*20.0*		*104*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J113
Reported: 10/30/2023 16:50

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0163 - Gen Chem										
LCS (BXJ0163-BS1)					Prepared: 10/23/2023 Analyzed: 10/30/2023					
Moisture	17			%	17.0		102	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

October 31, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23J127

Enclosed are the results of analyses for samples received by our laboratory on 10/26/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

L23J127 1XD0188

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Page 2 of 11

Date: 10/26/23 Page: 1 of 1

Client: Whatcom Env.
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Project Manager: Aimee Pennell
Project Name: Sunset Commons
Location: City, State: Bellingham, WA
Collector: Thom Davis Date of Collection: 10/26/23
Email:

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 Chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1 SS-128 9Ft	9 Ft	10:00	Soil	1Jar_2Voar	X														
2 SS-129 14 Ft	14 Ft	11:45	↓	↓	X														
3 SS-130 9Ft.	9 Ft	11:55	↓	↓	X														
4 SS-131 9Ft	9 Ft	1255	↓	↓	X														
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			

Relinquished by:	Date / Time	Received by:	Date / Time
	10/26/23 1425		10/26/23 1425
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23J127 **Reported:** 10/31/2023 09:54

Notes and Definitions

Item	Definition
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23J127-01	SS-128 9ft	Soil	10/26/2023	10/26/2023
L23J127-02	SS-129 14ft	Soil	10/26/2023	10/26/2023
L23J127-03	SS-130 9ft	Soil	10/26/2023	10/26/2023
L23J127-04	SS-131 9ft	Soil	10/26/2023	10/26/2023

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J127
Reported: 10/31/2023 09:54

Sample Results

Client Sample ID: SS-128 9ft

Lab ID: L23J127-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	10/26/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/26/2023	PB
Chloroethane	ND		0.049	mg/kg dry	10/26/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	10/26/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/26/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/26/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	10/26/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/26/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/26/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/26/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/26/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/26/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/26/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	10/26/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/26/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/26/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/26/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/26/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/26/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	10/26/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	10/26/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	10/26/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	10/26/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	10/26/2023	PB
Surrogate: Dibromofluoromethane	*130%*		*22.9-220*		*10/26/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*131%*		*32.2-196*		*10/26/2023*	*PB*
Surrogate: Toluene-d8	*91.8%*		*47.3-146*		*10/26/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*74.6%*		*38.4-136*		*10/26/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	10/30/2023	AA

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J127
Reported: 10/31/2023 09:54

Sample Results (Continued)

Client Sample ID: SS-129 14ft

Lab ID: L23J127-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	10/26/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	10/26/2023	PB
Chloroethane	ND		0.051	mg/kg dry	10/26/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	10/26/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	10/26/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	10/26/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	10/26/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	10/26/2023	PB
Chloroform	ND		0.026	mg/kg dry	10/26/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	10/26/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	10/26/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	10/26/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	10/26/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	10/26/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	10/26/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	10/26/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	10/26/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	10/26/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	10/26/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	10/26/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	10/26/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	10/26/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	10/26/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	10/26/2023	PB
Surrogate: Dibromofluoromethane	*131%*		*22.9-220*		*10/26/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*138%*		*32.2-196*		*10/26/2023*	*PB*
Surrogate: Toluene-d8	*88.5%*		*47.3-146*		*10/26/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*78.9%*		*38.4-136*		*10/26/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	10/30/2023	AA

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Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J127
Reported: 10/31/2023 09:54

Sample Results (Continued)

Client Sample ID: SS-130 9ft

Lab ID: L23J127-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	10/26/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/26/2023	PB
Chloroethane	ND		0.048	mg/kg dry	10/26/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	10/26/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/26/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	10/26/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	10/26/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	10/26/2023	PB
Chloroform	ND		0.024	mg/kg dry	10/26/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	10/26/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	10/26/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	10/26/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	10/26/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	10/26/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	10/26/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/26/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	10/26/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	10/26/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/26/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	10/26/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	10/26/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	10/26/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	10/26/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	10/26/2023	PB
Surrogate: Dibromofluoromethane	*130%*		*22.9-220*		*10/26/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*130%*		*32.2-196*		*10/26/2023*	*PB*
Surrogate: Toluene-d8	*89.2%*		*47.3-146*		*10/26/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*78.3%*		*38.4-136*		*10/26/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	10/30/2023	AA

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Work Order: L23J127
Reported: 10/31/2023 09:54

Sample Results (Continued)

Client Sample ID: SS-131 9ft

Lab ID: L23J127-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	10/26/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	10/26/2023	PB
Chloroethane	ND		0.051	mg/kg dry	10/26/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	10/26/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/26/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/26/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	10/26/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/26/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/26/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/26/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/26/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/26/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/26/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	10/26/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/26/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/26/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/26/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/26/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	10/26/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	10/26/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	10/26/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	10/26/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	10/26/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	10/26/2023	PB
Surrogate: Dibromofluoromethane	*110%*		*22.9-220*		*10/26/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*94.0%*		*32.2-196*		*10/26/2023*	*PB*
Surrogate: Toluene-d8	*89.3%*		*47.3-146*		*10/26/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*81.6%*		*38.4-136*		*10/26/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	10/30/2023	AA

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Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J127
Reported: 10/31/2023 09:54

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0188 - VOA										
Blank (BXJ0188-BLK1)					Prepared & Analyzed: 10/26/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*25.8*	*ug/L*	*20.0*		*129*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*26.9*	*ug/L*	*20.0*		*135*	*32.2-196*		
Surrogate: Toluene-d8			*18.0*	*ug/L*	*20.0*		*90.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*16.1*	*ug/L*	*20.0*		*80.4*	*38.4-136*		
LCS (BXJ0188-BS1)					Prepared & Analyzed: 10/26/2023					
Chloromethane	0.352		0.060	mg/kg wet	0.250		141	10-205		
Vinyl Chloride (SIM)	0.229		0.020	mg/kg wet	0.250		91.4	44.2-183		
Chloroethane	1.94	S3	0.060	mg/kg wet	0.250		775	12.4-218		
1,1-Dichloroethene	0.359		0.050	mg/kg wet	0.250		144	39.6-181		
trans-1,2-Dichloroethene	0.364		0.030	mg/kg wet	0.250		145	39.6-177		
1,1-Dichloroethane	0.345		0.030	mg/kg wet	0.250		138	24.1-182		
2,2-Dichloropropane	0.299		0.050	mg/kg wet	0.250		120	18.9-210		
cis-1,2-Dichloroethene	0.254		0.030	mg/kg wet	0.250		101	29.5-182		
Chloroform	0.294		0.030	mg/kg wet	0.250		118	53-168		
1,1,1-Trichloroethane (TCA)	0.297		0.030	mg/kg wet	0.250		119	10-228		
Carbon tetrachloride	0.343		0.030	mg/kg wet	0.250		137	44-185		
1,1-Dichloropropene	0.194		0.030	mg/kg wet	0.250		77.7	10-192		
1,2-Dichloroethane (EDC)	0.288		0.030	mg/kg wet	0.250		115	39.6-177		
Trichloroethene (SIM)	0.213		0.020	mg/kg wet	0.250		85.2	28.8-130		
1,2-Dichloropropane	0.248		0.030	mg/kg wet	0.250		99.4	43.7-140		
cis-1,3-Dichloropropene	0.178		0.030	mg/kg wet	0.250		71.1	38.5-134		
Trans-1,3-Dichloropropene	0.210		0.030	mg/kg wet	0.250		84.2	40.1-139		
1,1,2-Trichloroethane	0.266		0.030	mg/kg wet	0.250		106	42.7-171		
Tetrachloroethene (SIM)	0.230		0.020	mg/kg wet	0.250		91.9	30.4-159		
2-Chlorotoluene	0.203		0.040	mg/kg wet	0.250		81.2	35.8-131		

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Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J127
Reported: 10/31/2023 09:54

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXJ0188-BS1)					Prepared & Analyzed: 10/26/2023					
4-Chlorotoluene	0.194		0.040	mg/kg wet	0.250		77.7	37-131		
1,3-Dichlorobenzene	0.234		0.040	mg/kg wet	0.250		93.5	46.9-154		
1,4-Dichlorobenzene	0.263		0.040	mg/kg wet	0.250		105	50.6-146		
1,2-Dichlorobenzene	0.234		0.040	mg/kg wet	0.250		93.8	44.3-151		
Surrogate: Dibromofluoromethane			*24.9*	*ug/L*	*20.0*		*125*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*25.6*	*ug/L*	*20.0*		*128*	*32.2-196*		
Surrogate: Toluene-d8			*20.0*	*ug/L*	*20.0*		*100*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*20.9*	*ug/L*	*20.0*		*104*	*38.4-136*		
Duplicate (BXJ0188-DUP1)		**Parent: L23J127-03**			Prepared & Analyzed: 10/26/2023					
Chloromethane	ND		0.048	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry		ND				35
Chloroethane	ND		0.048	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.040	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.024	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.040	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
Chloroform	ND		0.024	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.024	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.024	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.024	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*24.8*	*ug/L*	*20.0*		*124*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*24.8*	*ug/L*	*20.0*		*124*	*32.2-196*		
Surrogate: Toluene-d8			*17.7*	*ug/L*	*20.0*		*88.3*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.1*	*ug/L*	*20.0*		*95.6*	*38.4-136*		

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Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J127
Reported: 10/31/2023 09:54

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXJ0188-MS1)		**Parent: L23J127-03**			Prepared & Analyzed: 10/26/2023					
Chloromethane	0.299		0.048	mg/kg dry	0.192	ND	156	10-229		
Vinyl Chloride (SIM)	0.214		0.016	mg/kg dry	0.192	ND	112	30.4-218		
Chloroethane	0.0811		0.048	mg/kg dry	0.192	ND	42.3	10-194		
1,1-Dichloroethene	0.240		0.040	mg/kg dry	0.192	ND	125	44.2-190		
trans-1,2-Dichloroethene	0.247		0.024	mg/kg dry	0.192	ND	129	35.2-199		
1,1-Dichloroethane	0.178		0.024	mg/kg dry	0.192	ND	92.6	10-236		
2,2-Dichloropropane	0.193		0.040	mg/kg dry	0.192	ND	101	22.7-204		
cis-1,2-Dichloroethene	0.163		0.024	mg/kg dry	0.192	ND	85.3	36.9-180		
Chloroform	0.173		0.024	mg/kg dry	0.192	ND	90.1	54.4-176		
1,1,1-Trichloroethane (TCA)	0.204		0.024	mg/kg dry	0.192	ND	106	25.1-198		
Carbon tetrachloride	0.204		0.024	mg/kg dry	0.192	ND	107	14-216		
1,1-Dichloropropene	0.203		0.024	mg/kg dry	0.192	ND	106	42.3-147		
1,2-Dichloroethane (EDC)	0.269		0.024	mg/kg dry	0.192	ND	140	40.9-190		
Trichloroethene (SIM)	0.191		0.016	mg/kg dry	0.192	ND	99.6	43-151		
1,2-Dichloropropane	0.225		0.024	mg/kg dry	0.192	ND	117	48.4-166		
cis-1,3-Dichloropropene	0.161		0.024	mg/kg dry	0.192	ND	84.2	10-200		
Trans-1,3-Dichloropropene	0.186		0.024	mg/kg dry	0.192	ND	97.2	31.6-146		
1,1,2-Trichloroethane	0.263		0.024	mg/kg dry	0.192	ND	137	37.6-187		
Tetrachloroethene (SIM)	0.190		0.016	mg/kg dry	0.192	ND	99.2	48-141		
2-Chlorotoluene	0.165		0.032	mg/kg dry	0.192	ND	86.3	33.9-142		
4-Chlorotoluene	0.157		0.032	mg/kg dry	0.192	ND	81.8	15.2-163		
1,3-Dichlorobenzene	0.204		0.032	mg/kg dry	0.192	ND	106	49.8-152		
1,4-Dichlorobenzene	0.213		0.032	mg/kg dry	0.192	ND	111	52.9-141		
1,2-Dichlorobenzene	0.192		0.032	mg/kg dry	0.192	ND	100	45.2-158		
Surrogate: Dibromofluoromethane			*17.9*	*ug/L*	*20.0*		*89.5*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*28.1*	*ug/L*	*20.0*		*141*	*32.2-196*		
Surrogate: Toluene-d8			*18.6*	*ug/L*	*20.0*		*93.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.3*	*ug/L*	*20.0*		*106*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J127
Reported: 10/31/2023 09:54

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0189 - Gen Chem										
LCS (BXJ0189-BS1)					Prepared: 10/26/2023 Analyzed: 10/30/2023					
Moisture	17			%	17.0		102	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

October 31, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23J134

Enclosed are the results of analyses for samples received by our laboratory on 10/27/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Date: 10/27/23 Page: 1 of 1

Client: What com Env.
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Project Manager: Aimee Pennell
Project Name: Sunset Commons
Location: City, State: Bellingham, WA
Collector: Thom Davis Date of Collection: 10/27/23
Email:

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	cPAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1 CO-36	—	9:00	1Jar, 2Voas	Soil	X														
2 CO-37	←	9:05	"	" "	X														
3 SS-132 14Ft	14	9:50	Soil	2Voas & 1Jar	X														
4 SS-133 9Ft	9	10:00	"	" "	X														
5 SS-134 16.5Ft	16.5	1145	Soil	" "	X														
6 SS-135 14Ft	14	1150	Soil	" "	X														
7 SS-136 14Ft	14	1395	Soil	" "	X														
8 SS-137 9Ft	9	1445	Soil	" "	X														
9 SS-138 9Ft	9	1500	Soil	" "	X														
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			

Relinquished by:	Date / Time	Received by:	Date / Time
	10/27/23 1505		10/27/23 1505
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23J134 **Reported:** 10/31/2023 10:37

Notes and Definitions

Item	Definition
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier

All results reported on an "as received" basis unless indicated by "Dry"

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23J134-01	CO-36	Soil	10/27/2023	10/27/2023
L23J134-02	CO-37	Soil	10/27/2023	10/27/2023
L23J134-03	SS-132 14ft	Soil	10/27/2023	10/27/2023
L23J134-04	SS-133 9ft	Soil	10/27/2023	10/27/2023
L23J134-05	SS-134 16.5ft	Soil	10/27/2023	10/27/2023
L23J134-06	SS-135 14ft	Soil	10/27/2023	10/27/2023
L23J134-07	SS-136 14ft	Soil	10/27/2023	10/27/2023
L23J134-08	SS-137 9ft	Soil	10/27/2023	10/27/2023
L23J134-09	SS-138 9ft	Soil	10/27/2023	10/27/2023

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No duplication of this report is allowed, except in its entirety.

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23J134 **Reported:** 10/31/2023 10:37

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **CO-36**			Lab#: L23J134-01		
Trichloroethene	0.024		mg/kg dry	0.022	8260D
Sample: **SS-135 14ft**			Lab#: L23J134-06		
Trichloroethene	0.039		mg/kg dry	0.020	8260D
Sample: **SS-136 14ft**			Lab#: L23J134-07		
Trichloroethene	0.049		mg/kg dry	0.018	8260D
Sample: **SS-137 9ft**			Lab#: L23J134-08		
Trichloroethene	0.051		mg/kg dry	0.018	8260D
Sample: **SS-138 9ft**			Lab#: L23J134-09		
Trichloroethene	0.035		mg/kg dry	0.016	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J134
Reported: 10/31/2023 10:37

Sample Results

Client Sample ID: CO-36

Lab ID: L23J134-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.066	mg/kg dry	10/27/2023	PB
Vinyl Chloride (SIM)	ND		0.022	mg/kg dry	10/27/2023	PB
Chloroethane	ND		0.066	mg/kg dry	10/27/2023	PB
1,1-Dichloroethene	ND		0.055	mg/kg dry	10/27/2023	PB
trans-1,2-Dichloroethene	ND		0.033	mg/kg dry	10/27/2023	PB
1,1-Dichloroethane	ND		0.033	mg/kg dry	10/27/2023	PB
2,2-Dichloropropane	ND		0.055	mg/kg dry	10/27/2023	PB
cis-1,2-Dichloroethene	ND		0.033	mg/kg dry	10/27/2023	PB
Chloroform	ND		0.033	mg/kg dry	10/27/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.033	mg/kg dry	10/27/2023	PB
Carbon tetrachloride	ND		0.033	mg/kg dry	10/27/2023	PB
1,1-Dichloropropene	ND		0.033	mg/kg dry	10/27/2023	PB
1,2-Dichloroethane (EDC)	ND		0.033	mg/kg dry	10/27/2023	PB
Trichloroethene (SIM)	0.024		0.022	mg/kg dry	10/27/2023	PB
1,2-Dichloropropane	ND		0.033	mg/kg dry	10/27/2023	PB
cis-1,3-Dichloropropene	ND		0.033	mg/kg dry	10/27/2023	PB
Trans-1,3-Dichloropropene	ND		0.033	mg/kg dry	10/27/2023	PB
1,1,2-Trichloroethane	ND		0.033	mg/kg dry	10/27/2023	PB
Tetrachloroethene (SIM)	ND		0.022	mg/kg dry	10/27/2023	PB
2-Chlorotoluene	ND		0.044	mg/kg dry	10/27/2023	PB
4-Chlorotoluene	ND		0.044	mg/kg dry	10/27/2023	PB
1,3-Dichlorobenzene	ND		0.044	mg/kg dry	10/27/2023	PB
1,4-Dichlorobenzene	ND		0.044	mg/kg dry	10/27/2023	PB
1,2-Dichlorobenzene	ND		0.044	mg/kg dry	10/27/2023	PB
Surrogate: Dibromofluoromethane	*117%*		*22.9-220*		*10/27/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*116%*		*32.2-196*		*10/27/2023*	*PB*
Surrogate: Toluene-d8	*90.6%*		*47.3-146*		*10/27/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*78.5%*		*38.4-136*		*10/27/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	22		0.50	%	10/30/2023	AA

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J134
Reported: 10/31/2023 10:37

Sample Results (Continued)

Client Sample ID: CO-37

Lab ID: L23J134-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.044	mg/kg dry	10/27/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	10/27/2023	PB
Chloroethane	ND		0.044	mg/kg dry	10/27/2023	PB
1,1-Dichloroethene	ND		0.036	mg/kg dry	10/27/2023	PB
trans-1,2-Dichloroethene	ND		0.022	mg/kg dry	10/27/2023	PB
1,1-Dichloroethane	ND		0.022	mg/kg dry	10/27/2023	PB
2,2-Dichloropropane	ND		0.036	mg/kg dry	10/27/2023	PB
cis-1,2-Dichloroethene	ND		0.022	mg/kg dry	10/27/2023	PB
Chloroform	ND		0.022	mg/kg dry	10/27/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.022	mg/kg dry	10/27/2023	PB
Carbon tetrachloride	ND		0.022	mg/kg dry	10/27/2023	PB
1,1-Dichloropropene	ND		0.022	mg/kg dry	10/27/2023	PB
1,2-Dichloroethane (EDC)	ND		0.022	mg/kg dry	10/27/2023	PB
Trichloroethene (SIM)	ND		0.015	mg/kg dry	10/27/2023	PB
1,2-Dichloropropane	ND		0.022	mg/kg dry	10/27/2023	PB
cis-1,3-Dichloropropene	ND		0.022	mg/kg dry	10/27/2023	PB
Trans-1,3-Dichloropropene	ND		0.022	mg/kg dry	10/27/2023	PB
1,1,2-Trichloroethane	ND		0.022	mg/kg dry	10/27/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	10/27/2023	PB
2-Chlorotoluene	ND		0.029	mg/kg dry	10/27/2023	PB
4-Chlorotoluene	ND		0.029	mg/kg dry	10/27/2023	PB
1,3-Dichlorobenzene	ND		0.029	mg/kg dry	10/27/2023	PB
1,4-Dichlorobenzene	ND		0.029	mg/kg dry	10/27/2023	PB
1,2-Dichlorobenzene	ND		0.029	mg/kg dry	10/27/2023	PB
Surrogate: Dibromofluoromethane	*121%*		*22.9-220*		*10/27/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*113%*		*32.2-196*		*10/27/2023*	*PB*
Surrogate: Toluene-d8	*94.5%*		*47.3-146*		*10/27/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*93.8%*		*38.4-136*		*10/27/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	13		0.50	%	10/30/2023	AA

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J134
Reported: 10/31/2023 10:37

Sample Results (Continued)

Client Sample ID: SS-132 14ft

Lab ID: L23J134-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	10/27/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	10/27/2023	PB
Chloroethane	ND		0.050	mg/kg dry	10/27/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	10/27/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/27/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/27/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	10/27/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/27/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/27/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/27/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/27/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/27/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/27/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	10/27/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/27/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/27/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/27/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/27/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	10/27/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	10/27/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	10/27/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	10/27/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	10/27/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	10/27/2023	PB
Surrogate: Dibromofluoromethane	*119%*		*22.9-220*		*10/27/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*122%*		*32.2-196*		*10/27/2023*	*PB*
Surrogate: Toluene-d8	*89.1%*		*47.3-146*		*10/27/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*84.2%*		*38.4-136*		*10/27/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	10/30/2023	AA

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J134
Reported: 10/31/2023 10:37

Sample Results (Continued)

Client Sample ID: SS-133 9ft

Lab ID: L23J134-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	10/27/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/27/2023	PB
Chloroethane	ND		0.047	mg/kg dry	10/27/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	10/27/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	10/27/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	10/27/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	10/27/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	10/27/2023	PB
Chloroform	ND		0.023	mg/kg dry	10/27/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	10/27/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	10/27/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	10/27/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	10/27/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	10/27/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	10/27/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	10/27/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	10/27/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	10/27/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/27/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	10/27/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	10/27/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	10/27/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	10/27/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	10/27/2023	PB
Surrogate: Dibromofluoromethane	*73.0%*		*22.9-220*		*10/27/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*50.9%*		*32.2-196*		*10/27/2023*	*PB*
Surrogate: Toluene-d8	*76.0%*		*47.3-146*		*10/27/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*59.2%*		*38.4-136*		*10/27/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	15		0.50	%	10/30/2023	AA

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J134
Reported: 10/31/2023 10:37

Sample Results (Continued)

Client Sample ID: SS-134 16.5ft

Lab ID: L23J134-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	10/27/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	10/27/2023	PB
Chloroethane	ND		0.051	mg/kg dry	10/27/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	10/27/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/27/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/27/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	10/27/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/27/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/27/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/27/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/27/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/27/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/27/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	10/27/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/27/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/27/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/27/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/27/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	10/27/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	10/27/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	10/27/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	10/27/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	10/27/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	10/27/2023	PB
Surrogate: Dibromofluoromethane	*122%*		*22.9-220*		*10/27/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*128%*		*32.2-196*		*10/27/2023*	*PB*
Surrogate: Toluene-d8	*93.2%*		*47.3-146*		*10/27/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*82.4%*		*38.4-136*		*10/27/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	10/30/2023	AA

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J134
Reported: 10/31/2023 10:37

Sample Results (Continued)

Client Sample ID: SS-135 14ft

Lab ID: L23J134-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.061	mg/kg dry	10/27/2023	PB
Vinyl Chloride (SIM)	ND		0.020	mg/kg dry	10/27/2023	PB
Chloroethane	ND		0.061	mg/kg dry	10/27/2023	PB
1,1-Dichloroethene	ND		0.051	mg/kg dry	10/27/2023	PB
trans-1,2-Dichloroethene	ND		0.030	mg/kg dry	10/27/2023	PB
1,1-Dichloroethane	ND		0.030	mg/kg dry	10/27/2023	PB
2,2-Dichloropropane	ND		0.051	mg/kg dry	10/27/2023	PB
cis-1,2-Dichloroethene	ND		0.030	mg/kg dry	10/27/2023	PB
Chloroform	ND		0.030	mg/kg dry	10/27/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg dry	10/27/2023	PB
Carbon tetrachloride	ND		0.030	mg/kg dry	10/27/2023	PB
1,1-Dichloropropene	ND		0.030	mg/kg dry	10/27/2023	PB
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg dry	10/27/2023	PB
Trichloroethene (SIM)	0.039		0.020	mg/kg dry	10/27/2023	PB
1,2-Dichloropropane	ND		0.030	mg/kg dry	10/27/2023	PB
cis-1,3-Dichloropropene	ND		0.030	mg/kg dry	10/27/2023	PB
Trans-1,3-Dichloropropene	ND		0.030	mg/kg dry	10/27/2023	PB
1,1,2-Trichloroethane	ND		0.030	mg/kg dry	10/27/2023	PB
Tetrachloroethene (SIM)	ND		0.020	mg/kg dry	10/27/2023	PB
2-Chlorotoluene	ND		0.041	mg/kg dry	10/27/2023	PB
4-Chlorotoluene	ND		0.041	mg/kg dry	10/27/2023	PB
1,3-Dichlorobenzene	ND		0.041	mg/kg dry	10/27/2023	PB
1,4-Dichlorobenzene	ND		0.041	mg/kg dry	10/27/2023	PB
1,2-Dichlorobenzene	ND		0.041	mg/kg dry	10/27/2023	PB
Surrogate: Dibromofluoromethane	*118%*		*22.9-220*		*10/27/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*125%*		*32.2-196*		*10/27/2023*	*PB*
Surrogate: Toluene-d8	*90.0%*		*47.3-146*		*10/27/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*85.8%*		*38.4-136*		*10/27/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	26		0.50	%	10/30/2023	AA

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Sample Results (Continued)

Client Sample ID: SS-136 14ft

Lab ID: L23J134-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.053	mg/kg dry	10/27/2023	PB
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry	10/27/2023	PB
Chloroethane	ND		0.053	mg/kg dry	10/27/2023	PB
1,1-Dichloroethene	ND		0.044	mg/kg dry	10/27/2023	PB
trans-1,2-Dichloroethene	ND		0.027	mg/kg dry	10/27/2023	PB
1,1-Dichloroethane	ND		0.027	mg/kg dry	10/27/2023	PB
2,2-Dichloropropane	ND		0.044	mg/kg dry	10/27/2023	PB
cis-1,2-Dichloroethene	ND		0.027	mg/kg dry	10/27/2023	PB
Chloroform	ND		0.027	mg/kg dry	10/27/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.027	mg/kg dry	10/27/2023	PB
Carbon tetrachloride	ND		0.027	mg/kg dry	10/27/2023	PB
1,1-Dichloropropene	ND		0.027	mg/kg dry	10/27/2023	PB
1,2-Dichloroethane (EDC)	ND		0.027	mg/kg dry	10/27/2023	PB
Trichloroethene (SIM)	0.049		0.018	mg/kg dry	10/27/2023	PB
1,2-Dichloropropane	ND		0.027	mg/kg dry	10/27/2023	PB
cis-1,3-Dichloropropene	ND		0.027	mg/kg dry	10/27/2023	PB
Trans-1,3-Dichloropropene	ND		0.027	mg/kg dry	10/27/2023	PB
1,1,2-Trichloroethane	ND		0.027	mg/kg dry	10/27/2023	PB
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry	10/27/2023	PB
2-Chlorotoluene	ND		0.036	mg/kg dry	10/27/2023	PB
4-Chlorotoluene	ND		0.036	mg/kg dry	10/27/2023	PB
1,3-Dichlorobenzene	ND		0.036	mg/kg dry	10/27/2023	PB
1,4-Dichlorobenzene	ND		0.036	mg/kg dry	10/27/2023	PB
1,2-Dichlorobenzene	ND		0.036	mg/kg dry	10/27/2023	PB
Surrogate: Dibromofluoromethane	*128%*		*22.9-220*		*10/27/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*139%*		*32.2-196*		*10/27/2023*	*PB*
Surrogate: Toluene-d8	*91.4%*		*47.3-146*		*10/27/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*86.6%*		*38.4-136*		*10/27/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	21		0.50	%	10/30/2023	AA

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Sample Results (Continued)

Client Sample ID: SS-137 9ft

Lab ID: L23J134-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.053	mg/kg dry	10/27/2023	PB
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry	10/27/2023	PB
Chloroethane	ND		0.053	mg/kg dry	10/27/2023	PB
1,1-Dichloroethene	ND		0.044	mg/kg dry	10/27/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	10/27/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	10/27/2023	PB
2,2-Dichloropropane	ND		0.044	mg/kg dry	10/27/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	10/27/2023	PB
Chloroform	ND		0.026	mg/kg dry	10/27/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	10/27/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	10/27/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	10/27/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	10/27/2023	PB
Trichloroethene (SIM)	0.051		0.018	mg/kg dry	10/27/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	10/27/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	10/27/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	10/27/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	10/27/2023	PB
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry	10/27/2023	PB
2-Chlorotoluene	ND		0.035	mg/kg dry	10/27/2023	PB
4-Chlorotoluene	ND		0.035	mg/kg dry	10/27/2023	PB
1,3-Dichlorobenzene	ND		0.035	mg/kg dry	10/27/2023	PB
1,4-Dichlorobenzene	ND		0.035	mg/kg dry	10/27/2023	PB
1,2-Dichlorobenzene	ND		0.035	mg/kg dry	10/27/2023	PB
Surrogate: Dibromofluoromethane	*128%*		*22.9-220*		*10/27/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*139%*		*32.2-196*		*10/27/2023*	*PB*
Surrogate: Toluene-d8	*88.0%*		*47.3-146*		*10/27/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*82.2%*		*38.4-136*		*10/27/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	20		0.50	%	10/30/2023	AA

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Sample Results (Continued)

Client Sample ID: SS-138 9ft

Lab ID: L23J134-09 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	10/27/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	10/27/2023	PB
Chloroethane	ND		0.049	mg/kg dry	10/27/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	10/27/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/27/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	10/27/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	10/27/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	10/27/2023	PB
Chloroform	ND		0.025	mg/kg dry	10/27/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	10/27/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	10/27/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	10/27/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	10/27/2023	PB
Trichloroethene (SIM)	0.035		0.016	mg/kg dry	10/27/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	10/27/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/27/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	10/27/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	10/27/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	10/27/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	10/27/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	10/27/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	10/27/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	10/27/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	10/27/2023	PB
Surrogate: Dibromofluoromethane	*121%*		*22.9-220*		*10/27/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*135%*		*32.2-196*		*10/27/2023*	*PB*
Surrogate: Toluene-d8	*89.5%*		*47.3-146*		*10/27/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*89.0%*		*38.4-136*		*10/27/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	10/30/2023	AA

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Work Order: L23J134
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Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0195 - VOA										
Blank (BXJ0195-BLK1)					Prepared & Analyzed: 10/27/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*23.4*	*ug/L*	*20.0*		*117*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*22.4*	*ug/L*	*20.0*		*112*	*32.2-196*		
Surrogate: Toluene-d8			*18.0*	*ug/L*	*20.0*		*89.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*16.3*	*ug/L*	*20.0*		*81.4*	*38.4-136*		
LCS (BXJ0195-BS1)					Prepared & Analyzed: 10/27/2023					
Chloromethane	0.275		0.060	mg/kg wet	0.250		110	10-205		
Vinyl Chloride (SIM)	0.206		0.020	mg/kg wet	0.250		82.3	44.2-183		
Chloroethane	0.380		0.060	mg/kg wet	0.250		152	12.4-218		
1,1-Dichloroethene	0.347		0.050	mg/kg wet	0.250		139	39.6-181		
trans-1,2-Dichloroethene	0.350		0.030	mg/kg wet	0.250		140	39.6-177		
1,1-Dichloroethane	0.335		0.030	mg/kg wet	0.250		134	24.1-182		
2,2-Dichloropropane	0.277		0.050	mg/kg wet	0.250		111	18.9-210		
cis-1,2-Dichloroethene	0.267		0.030	mg/kg wet	0.250		107	29.5-182		
Chloroform	0.282		0.030	mg/kg wet	0.250		113	53-168		
1,1,1-Trichloroethane (TCA)	0.272		0.030	mg/kg wet	0.250		109	10-228		
Carbon tetrachloride	0.265		0.030	mg/kg wet	0.250		106	44-185		
1,1-Dichloropropene	0.219		0.030	mg/kg wet	0.250		87.7	10-192		
1,2-Dichloroethane (EDC)	0.249		0.030	mg/kg wet	0.250		99.6	39.6-177		
Trichloroethene (SIM)	0.204		0.020	mg/kg wet	0.250		81.4	28.8-130		
1,2-Dichloropropane	0.239		0.030	mg/kg wet	0.250		95.6	43.7-140		
cis-1,3-Dichloropropene	0.171		0.030	mg/kg wet	0.250		68.4	38.5-134		
Trans-1,3-Dichloropropene	0.195		0.030	mg/kg wet	0.250		78.1	40.1-139		
1,1,2-Trichloroethane	0.227		0.030	mg/kg wet	0.250		91.0	42.7-171		
Tetrachloroethene (SIM)	0.222		0.020	mg/kg wet	0.250		88.6	30.4-159		
2-Chlorotoluene	0.234		0.040	mg/kg wet	0.250		93.6	35.8-131		

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Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXJ0195-BS1)					Prepared & Analyzed: 10/27/2023					
4-Chlorotoluene	0.226		0.040	mg/kg wet	0.250		90.4	37-131		
1,3-Dichlorobenzene	0.246		0.040	mg/kg wet	0.250		98.5	46.9-154		
1,4-Dichlorobenzene	0.276		0.040	mg/kg wet	0.250		110	50.6-146		
1,2-Dichlorobenzene	0.256		0.040	mg/kg wet	0.250		102	44.3-151		
Surrogate: Dibromofluoromethane			*22.1*	*ug/L*	*20.0*		*111*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*21.8*	*ug/L*	*20.0*		*109*	*32.2-196*		
Surrogate: Toluene-d8			*18.7*	*ug/L*	*20.0*		*93.5*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*20.7*	*ug/L*	*20.0*		*103*	*38.4-136*		
Duplicate (BXJ0195-DUP1)		**Parent: L23J134-02**			Prepared & Analyzed: 10/27/2023					
Chloromethane	ND		0.043	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.014	mg/kg dry		ND				35
Chloroethane	ND		0.043	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.036	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.022	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.022	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.036	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.022	mg/kg dry		ND				35
Chloroform	ND		0.022	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.022	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.022	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.022	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.022	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.014	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.022	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.022	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.022	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.022	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.014	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.029	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.029	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.029	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.029	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.029	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*23.6*	*ug/L*	*20.0*		*118*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*23.7*	*ug/L*	*20.0*		*118*	*32.2-196*		
Surrogate: Toluene-d8			*18.9*	*ug/L*	*20.0*		*94.4*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*17.9*	*ug/L*	*20.0*		*89.7*	*38.4-136*		

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Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J134
Reported: 10/31/2023 10:37

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXJ0195-MS1)		**Parent: L23J134-02**			Prepared & Analyzed: 10/27/2023					
Chloromethane	0.204		0.044	mg/kg dry	0.207	ND	98.6	10-229		
Vinyl Chloride (SIM)	0.149		0.015	mg/kg dry	0.207	ND	72.1	30.4-218		
Chloroethane	0.137		0.044	mg/kg dry	0.207	ND	66.4	10-194		
1,1-Dichloroethene	0.190		0.036	mg/kg dry	0.207	ND	91.8	44.2-190		
trans-1,2-Dichloroethene	0.211		0.022	mg/kg dry	0.207	ND	102	35.2-199		
1,1-Dichloroethane	0.219		0.022	mg/kg dry	0.207	ND	106	10-236		
2,2-Dichloropropane	0.215		0.036	mg/kg dry	0.207	ND	104	22.7-204		
cis-1,2-Dichloroethene	0.202		0.022	mg/kg dry	0.207	ND	97.7	36.9-180		
Chloroform	0.212		0.022	mg/kg dry	0.207	ND	102	54.4-176		
1,1,1-Trichloroethane (TCA)	0.211		0.022	mg/kg dry	0.207	ND	102	25.1-198		
Carbon tetrachloride	0.219		0.022	mg/kg dry	0.207	ND	106	14-216		
1,1-Dichloropropene	0.151		0.022	mg/kg dry	0.207	ND	72.9	42.3-147		
1,2-Dichloroethane (EDC)	0.197		0.022	mg/kg dry	0.207	ND	95.0	40.9-190		
Trichloroethene (SIM)	0.159		0.015	mg/kg dry	0.207	ND	76.5	43-151		
1,2-Dichloropropane	0.191		0.022	mg/kg dry	0.207	ND	92.3	48.4-166		
cis-1,3-Dichloropropene	0.137		0.022	mg/kg dry	0.207	ND	66.2	10-200		
Trans-1,3-Dichloropropene	0.151		0.022	mg/kg dry	0.207	ND	73.0	31.6-146		
1,1,2-Trichloroethane	0.178		0.022	mg/kg dry	0.207	ND	86.1	37.6-187		
Tetrachloroethene (SIM)	0.159		0.015	mg/kg dry	0.207	ND	76.6	48-141		
2-Chlorotoluene	0.151		0.029	mg/kg dry	0.207	ND	72.7	33.9-142		
4-Chlorotoluene	0.145		0.029	mg/kg dry	0.207	ND	70.0	15.2-163		
1,3-Dichlorobenzene	0.158		0.029	mg/kg dry	0.207	ND	76.2	49.8-152		
1,4-Dichlorobenzene	0.170		0.029	mg/kg dry	0.207	ND	82.3	52.9-141		
1,2-Dichlorobenzene	0.152		0.029	mg/kg dry	0.207	ND	73.5	45.2-158		
Surrogate: Dibromofluoromethane			*22.8*	*ug/L*	*20.0*		*114*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*22.6*	*ug/L*	*20.0*		*113*	*32.2-196*		
Surrogate: Toluene-d8			*19.0*	*ug/L*	*20.0*		*95.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*23.0*	*ug/L*	*20.0*		*115*	*38.4-136*		
Matrix Spike Dup (BXJ0195-MSD1)		**Parent: L23J134-02**			Prepared & Analyzed: 10/27/2023					
Chloromethane	0.201		0.044	mg/kg dry	0.207	ND	97.0	10-229	1.65	35
Vinyl Chloride (SIM)	0.148		0.015	mg/kg dry	0.207	ND	71.7	30.4-218	0.561	35
Chloroethane	0.137		0.044	mg/kg dry	0.207	ND	66.3	10-194	0.106	35
1,1-Dichloroethene	0.218		0.036	mg/kg dry	0.207	ND	105	44.2-190	13.5	35
trans-1,2-Dichloroethene	0.247		0.022	mg/kg dry	0.207	ND	119	35.2-199	15.8	35
1,1-Dichloroethane	0.245		0.022	mg/kg dry	0.207	ND	118	10-236	11.2	35
2,2-Dichloropropane	0.212		0.036	mg/kg dry	0.207	ND	102	22.7-204	1.49	35
cis-1,2-Dichloroethene	0.200		0.022	mg/kg dry	0.207	ND	96.3	36.9-180	1.39	35
Chloroform	0.205		0.022	mg/kg dry	0.207	ND	99.2	54.4-176	3.22	35
1,1,1-Trichloroethane (TCA)	0.215		0.022	mg/kg dry	0.207	ND	104	25.1-198	1.82	35
Carbon tetrachloride	0.214		0.022	mg/kg dry	0.207	ND	103	14-216	2.43	35
1,1-Dichloropropene	0.149		0.022	mg/kg dry	0.207	ND	72.1	42.3-147	1.09	35
1,2-Dichloroethane (EDC)	0.180		0.022	mg/kg dry	0.207	ND	86.9	40.9-190	8.90	35
Trichloroethene (SIM)	0.161		0.015	mg/kg dry	0.207	ND	77.5	43-151	1.32	35
1,2-Dichloropropane	0.185		0.022	mg/kg dry	0.207	ND	89.2	48.4-166	3.44	35
cis-1,3-Dichloropropene	0.135		0.022	mg/kg dry	0.207	ND	65.2	10-200	1.52	35
Trans-1,3-Dichloropropene	0.135		0.022	mg/kg dry	0.207	ND	65.3	31.6-146	11.1	35
1,1,2-Trichloroethane	0.166		0.022	mg/kg dry	0.207	ND	80.0	37.6-187	7.34	35
Tetrachloroethene (SIM)	0.161		0.015	mg/kg dry	0.207	ND	77.6	48-141	1.32	35
2-Chlorotoluene	0.181		0.029	mg/kg dry	0.207	ND	87.6	33.9-142	18.6	35
4-Chlorotoluene	0.179		0.029	mg/kg dry	0.207	ND	86.2	15.2-163	20.7	35
1,3-Dichlorobenzene	0.182		0.029	mg/kg dry	0.207	ND	87.6	49.8-152	13.9	35

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety.

Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J134
Reported: 10/31/2023 10:37

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXJ0195-MSD1)		**Parent: L23J134-02**			Prepared & Analyzed: 10/27/2023					
1,4-Dichlorobenzene	0.189		0.029	mg/kg dry	0.207	ND	91.1	52.9-141	10.2	35
1,2-Dichlorobenzene	0.161		0.029	mg/kg dry	0.207	ND	77.5	45.2-158	5.29	35
Surrogate: Dibromofluoromethane			*22.7*	*ug/L*	*20.0*		*114*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*21.2*	*ug/L*	*20.0*		*106*	*32.2-196*		
Surrogate: Toluene-d8			*19.5*	*ug/L*	*20.0*		*97.6*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*20.2*	*ug/L*	*20.0*		*101*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23J134
Reported: 10/31/2023 10:37

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXJ0197 - Gen Chem										
LCS (BXJ0197-BS1)					Prepared: 10/27/2023 Analyzed: 10/30/2023					
Moisture	17			%	17.0		102	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

Phone (360) 352-2110 • libbyenv@gmail.com

November 03, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23K006

Enclosed are the results of analyses for samples received by our laboratory on 11/1/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

LL5K004

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Date: 11/1/23 Page: 1 of 1

Client: Whatcom Environmental
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Project Manager: Aimee Pennell
Project Name: Sunset Commons
Location: City, State: Bellingham
Collector: Thom Davis Date of Collection: 11/1/23
Email:

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1	SS-139 14ft	11/1/23	1025	Soil	1 Jar, 2 Voas	X														
2	SS-140 9ft	11/1/23	1040	↓	↓	X														
3	SS-141 17ft	11/1/23	1310	↓	↓	X														
4	SS-142 14ft	↓	1400	↓	↓	X														
5	SS-143 9ft	↓	1405	↓	↓	X														
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	11/1/23 1405	[signature]	11/1/23 1557
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

ML

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23K006 **Reported:** 11/03/2023 15:05

Notes and Definitions

Item	Definition
R	High Relative Percent Difference observed.
S	Spike recovery indicates a possible matrix effect.
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
S4	Outlying surrogate recovery(ies) observed.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23K006-01	SS-139 14ft	Soil	11/01/2023	11/01/2023
L23K006-02	SS-140 9ft	Soil	11/01/2023	11/01/2023
L23K006-03	SS-141 17ft	Soil	11/01/2023	11/01/2023
L23K006-04	SS-142 14ft	Soil	11/01/2023	11/01/2023
L23K006-05	SS-143 9ft	Soil	11/01/2023	11/01/2023

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Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23K006 **Reported:** 11/03/2023 15:05

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-139 14ft**			Lab#: L23K006-01		
Trichloroethene	0.018		mg/kg dry	0.017	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K006
Reported: 11/03/2023 15:05

Sample Results

Client Sample ID: SS-139 14ft

Lab ID: L23K006-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	11/01/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	11/01/2023	PB
Chloroethane	ND		0.051	mg/kg dry	11/01/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	11/01/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	11/01/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	11/01/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	11/01/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	11/01/2023	PB
Chloroform	ND		0.026	mg/kg dry	11/01/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	11/01/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	11/01/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	11/01/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	11/01/2023	PB
Trichloroethene (SIM)	0.018		0.017	mg/kg dry	11/01/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	11/01/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	11/01/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	11/01/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	11/01/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	11/01/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	11/01/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	11/01/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	11/01/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	11/01/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	11/01/2023	PB
Surrogate: Dibromofluoromethane	*114%*		*22.9-220*		*11/01/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*169%*		*32.2-196*		*11/01/2023*	*PB*
Surrogate: Toluene-d8	*84.9%*		*47.3-146*		*11/01/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*72.7%*		*38.4-136*		*11/01/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	11/02/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K006
Reported: 11/03/2023 15:05

Sample Results (Continued)

Client Sample ID: SS-140 9ft

Lab ID: L23K006-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.053	mg/kg dry	11/01/2023	PB
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry	11/01/2023	PB
Chloroethane	ND		0.053	mg/kg dry	11/01/2023	PB
1,1-Dichloroethene	ND		0.044	mg/kg dry	11/01/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	11/01/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	11/01/2023	PB
2,2-Dichloropropane	ND		0.044	mg/kg dry	11/01/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	11/01/2023	PB
Chloroform	ND		0.026	mg/kg dry	11/01/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	11/01/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	11/01/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	11/01/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	11/01/2023	PB
Trichloroethene (SIM)	ND		0.018	mg/kg dry	11/01/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	11/01/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	11/01/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	11/01/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	11/01/2023	PB
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry	11/01/2023	PB
2-Chlorotoluene	ND		0.035	mg/kg dry	11/01/2023	PB
4-Chlorotoluene	ND		0.035	mg/kg dry	11/01/2023	PB
1,3-Dichlorobenzene	ND		0.035	mg/kg dry	11/01/2023	PB
1,4-Dichlorobenzene	ND		0.035	mg/kg dry	11/01/2023	PB
1,2-Dichlorobenzene	ND		0.035	mg/kg dry	11/01/2023	PB
Surrogate: Dibromofluoromethane	*151%*		*22.9-220*		*11/01/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*164%*		*32.2-196*		*11/01/2023*	*PB*
Surrogate: Toluene-d8	*87.4%*		*47.3-146*		*11/01/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*78.8%*		*38.4-136*		*11/01/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	20		0.50	%	11/02/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K006
Reported: 11/03/2023 15:05

Sample Results (Continued)

Client Sample ID: SS-141 17ft

Lab ID: L23K006-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	11/01/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/01/2023	PB
Chloroethane	ND		0.049	mg/kg dry	11/01/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	11/01/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/01/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	11/01/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	11/01/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/01/2023	PB
Chloroform	ND		0.025	mg/kg dry	11/01/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	11/01/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	11/01/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	11/01/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	11/01/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	11/01/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	11/01/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/01/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/01/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	11/01/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/01/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	11/01/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	11/01/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	11/01/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	11/01/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	11/01/2023	PB
Surrogate: Dibromofluoromethane	*110%*		*22.9-220*		*11/01/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*143%*		*32.2-196*		*11/01/2023*	*PB*
Surrogate: Toluene-d8	*92.6%*		*47.3-146*		*11/01/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*84.3%*		*38.4-136*		*11/01/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	11/02/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K006
Reported: 11/03/2023 15:05

Sample Results (Continued)

Client Sample ID: SS-142 14ft

Lab ID: L23K006-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	11/01/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/01/2023	PB
Chloroethane	ND		0.048	mg/kg dry	11/01/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	11/01/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/01/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	11/01/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	11/01/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/01/2023	PB
Chloroform	ND		0.024	mg/kg dry	11/01/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	11/01/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	11/01/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	11/01/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	11/01/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	11/01/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	11/01/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/01/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/01/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	11/01/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/01/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	11/01/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	11/01/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	11/01/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	11/01/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	11/01/2023	PB
Surrogate: Dibromofluoromethane	*141%*		*22.9-220*		*11/01/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*153%*		*32.2-196*		*11/01/2023*	*PB*
Surrogate: Toluene-d8	*90.8%*		*47.3-146*		*11/01/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*87.6%*		*38.4-136*		*11/01/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	11/02/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K006
Reported: 11/03/2023 15:05

Sample Results (Continued)

Client Sample ID: SS-143 9ft

Lab ID: L23K006-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.052	mg/kg dry	11/01/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	11/01/2023	PB
Chloroethane	ND		0.052	mg/kg dry	11/01/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	11/01/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	11/01/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	11/01/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	11/01/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	11/01/2023	PB
Chloroform	ND		0.026	mg/kg dry	11/01/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	11/01/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	11/01/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	11/01/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	11/01/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	11/01/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	11/01/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	11/01/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	11/01/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	11/01/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	11/01/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	11/01/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	11/01/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	11/01/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	11/01/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	11/01/2023	PB
Surrogate: Dibromofluoromethane	*88.0%*		*22.9-220*		*11/01/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*64.2%*		*32.2-196*		*11/01/2023*	*PB*
Surrogate: Toluene-d8	*72.2%*		*47.3-146*		*11/01/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*70.2%*		*38.4-136*		*11/01/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	11/02/2023	SG

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Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K006
Reported: 11/03/2023 15:05

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXK0007 - VOA										
Blank (BXK0007-BLK1)					Prepared & Analyzed: 11/1/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*25.3*	*ug/L*	*20.0*		*127*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*23.9*	*ug/L*	*20.0*		*120*	*32.2-196*		
Surrogate: Toluene-d8			*17.5*	*ug/L*	*20.0*		*87.3*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*15.1*	*ug/L*	*20.0*		*75.6*	*38.4-136*		
LCS (BXK0007-BS1)					Prepared & Analyzed: 11/1/2023					
Chloromethane	0.305		0.060	mg/kg wet	0.250		122	10-205		
Vinyl Chloride (SIM)	0.175		0.020	mg/kg wet	0.250		70.2	44.2-183		
Chloroethane	1.05	S3	0.060	mg/kg wet	0.250		422	12.4-218		
1,1-Dichloroethene	0.307		0.050	mg/kg wet	0.250		123	39.6-181		
trans-1,2-Dichloroethene	0.352		0.030	mg/kg wet	0.250		141	39.6-177		
1,1-Dichloroethane	0.331		0.030	mg/kg wet	0.250		132	24.1-182		
2,2-Dichloropropane	0.306		0.050	mg/kg wet	0.250		123	18.9-210		
cis-1,2-Dichloroethene	0.246		0.030	mg/kg wet	0.250		98.4	29.5-182		
Chloroform	0.304		0.030	mg/kg wet	0.250		122	53-168		
1,1,1-Trichloroethane (TCA)	0.307		0.030	mg/kg wet	0.250		123	10-228		
Carbon tetrachloride	0.305		0.030	mg/kg wet	0.250		122	44-185		
1,1-Dichloropropene	0.189		0.030	mg/kg wet	0.250		75.6	10-192		
1,2-Dichloroethane (EDC)	0.281		0.030	mg/kg wet	0.250		112	39.6-177		
Trichloroethene (SIM)	0.202		0.020	mg/kg wet	0.250		81.0	28.8-130		
1,2-Dichloropropane	0.239		0.030	mg/kg wet	0.250		95.7	43.7-140		
cis-1,3-Dichloropropene	0.158		0.030	mg/kg wet	0.250		63.1	38.5-134		
Trans-1,3-Dichloropropene	0.197		0.030	mg/kg wet	0.250		78.8	40.1-139		
1,1,2-Trichloroethane	0.264		0.030	mg/kg wet	0.250		105	42.7-171		
Tetrachloroethene (SIM)	0.242		0.020	mg/kg wet	0.250		96.7	30.4-159		
2-Chlorotoluene	0.190		0.040	mg/kg wet	0.250		76.0	35.8-131		

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Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K006
Reported: 11/03/2023 15:05

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXK0007-BS1)					Prepared & Analyzed: 11/1/2023					
4-Chlorotoluene	0.190		0.040	mg/kg wet	0.250		76.0	37-131		
1,3-Dichlorobenzene	0.258		0.040	mg/kg wet	0.250		103	46.9-154		
1,4-Dichlorobenzene	0.270		0.040	mg/kg wet	0.250		108	50.6-146		
1,2-Dichlorobenzene	0.238		0.040	mg/kg wet	0.250		95.3	44.3-151		
Surrogate: Dibromofluoromethane			*24.4*	*ug/L*	*20.0*		*122*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*24.6*	*ug/L*	*20.0*		*123*	*32.2-196*		
Surrogate: Toluene-d8			*18.6*	*ug/L*	*20.0*		*93.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.8*	*ug/L*	*20.0*		*98.8*	*38.4-136*		
Duplicate (BXK0007-DUP1)		**Parent: L23K006-02**			Prepared & Analyzed: 11/1/2023					
Chloromethane	ND		0.053	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.018	mg/kg dry		ND				35
Chloroethane	ND		0.053	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.044	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.026	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.044	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry		ND				35
Chloroform	ND		0.026	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.026	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.026	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry		ND				35
Trichloroethene (SIM)	0.0139		0.018	mg/kg dry		0.0146			5.09	35
1,2-Dichloropropane	ND		0.026	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.026	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.018	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.035	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.035	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.035	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.035	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.035	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*29.5*	*ug/L*	*20.0*		*148*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*30.8*	*ug/L*	*20.0*		*154*	*32.2-196*		
Surrogate: Toluene-d8			*17.5*	*ug/L*	*20.0*		*87.6*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*15.1*	*ug/L*	*20.0*		*75.4*	*38.4-136*		

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Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K006
Reported: 11/03/2023 15:05

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXK0007-MS1)		**Parent: L23K006-02**			Prepared & Analyzed: 11/1/2023					
Chloromethane	0.290		0.053	mg/kg dry	0.216	ND	134	10-229		
Vinyl Chloride (SIM)	0.160		0.018	mg/kg dry	0.216	ND	74.1	30.4-218		
Chloroethane	0.350		0.053	mg/kg dry	0.216	ND	162	10-194		
1,1-Dichloroethene	0.274		0.044	mg/kg dry	0.216	ND	127	44.2-190		
trans-1,2-Dichloroethene	0.226		0.026	mg/kg dry	0.216	ND	105	35.2-199		
1,1-Dichloroethane	0.218		0.026	mg/kg dry	0.216	ND	101	10-236		
2,2-Dichloropropane	0.301		0.044	mg/kg dry	0.216	ND	139	22.7-204		
cis-1,2-Dichloroethene	0.224		0.026	mg/kg dry	0.216	ND	104	36.9-180		
Chloroform	0.317		0.026	mg/kg dry	0.216	ND	147	54.4-176		
1,1,1-Trichloroethane (TCA)	0.325		0.026	mg/kg dry	0.216	ND	150	25.1-198		
Carbon tetrachloride	0.348		0.026	mg/kg dry	0.216	ND	161	14-216		
1,1-Dichloropropene	0.163		0.026	mg/kg dry	0.216	ND	75.3	42.3-147		
1,2-Dichloroethane (EDC)	0.282		0.026	mg/kg dry	0.216	ND	130	40.9-190		
Trichloroethene (SIM)	0.197		0.018	mg/kg dry	0.216	0.0146	84.6	43-151		
1,2-Dichloropropane	0.222		0.026	mg/kg dry	0.216	ND	103	48.4-166		
cis-1,3-Dichloropropene	0.145		0.026	mg/kg dry	0.216	ND	67.1	10-200		
Trans-1,3-Dichloropropene	0.180		0.026	mg/kg dry	0.216	ND	83.3	31.6-146		
1,1,2-Trichloroethane	0.272		0.026	mg/kg dry	0.216	ND	126	37.6-187		
Tetrachloroethene (SIM)	0.219		0.018	mg/kg dry	0.216	ND	102	48-141		
2-Chlorotoluene	0.139		0.035	mg/kg dry	0.216	ND	64.2	33.9-142		
4-Chlorotoluene	0.144		0.035	mg/kg dry	0.216	ND	66.6	15.2-163		
1,3-Dichlorobenzene	0.204		0.035	mg/kg dry	0.216	ND	94.6	49.8-152		
1,4-Dichlorobenzene	0.220		0.035	mg/kg dry	0.216	ND	102	52.9-141		
1,2-Dichlorobenzene	0.186		0.035	mg/kg dry	0.216	ND	86.1	45.2-158		
Surrogate: Dibromofluoromethane			*29.0*	*ug/L*	*20.0*		*145*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.0*	*ug/L*	*20.0*		*145*	*32.2-196*		
Surrogate: Toluene-d8			*18.8*	*ug/L*	*20.0*		*94.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*20.8*	*ug/L*	*20.0*		*104*	*38.4-136*		
Matrix Spike Dup (BXK0007-MSD1)		**Parent: L23K006-02**			Prepared & Analyzed: 11/1/2023					
Chloromethane	0.316		0.053	mg/kg dry	0.216	ND	146	10-229	8.65	35
Vinyl Chloride (SIM)	0.245	R	0.018	mg/kg dry	0.216	ND	113	30.4-218	41.7	35
Chloroethane	1.80	S4	0.053	mg/kg dry	0.216	ND	832	10-194	135	35
1,1-Dichloroethene	0.541	R, S	0.044	mg/kg dry	0.216	ND	250	44.2-190	65.4	35
trans-1,2-Dichloroethene	0.364	R	0.026	mg/kg dry	0.216	ND	169	35.2-199	46.7	35
1,1-Dichloroethane	0.305		0.026	mg/kg dry	0.216	ND	141	10-236	33.4	35
2,2-Dichloropropane	0.410		0.044	mg/kg dry	0.216	ND	190	22.7-204	30.8	35
cis-1,2-Dichloroethene	0.176		0.026	mg/kg dry	0.216	ND	81.6	36.9-180	24.0	35
Chloroform	0.225		0.026	mg/kg dry	0.216	ND	104	54.4-176	34.1	35
1,1,1-Trichloroethane (TCA)	0.446	R, S	0.026	mg/kg dry	0.216	ND	206	25.1-198	31.4	35
Carbon tetrachloride	0.579	R, S	0.026	mg/kg dry	0.216	ND	268	14-216	49.8	35
1,1-Dichloropropene	0.252	R	0.026	mg/kg dry	0.216	ND	116	42.3-147	43.0	35
1,2-Dichloroethane (EDC)	0.121	R	0.026	mg/kg dry	0.216	ND	56.1	40.9-190	79.7	35
Trichloroethene (SIM)	0.250		0.018	mg/kg dry	0.216	0.0146	109	43-151	23.5	35
1,2-Dichloropropane	0.131	R	0.026	mg/kg dry	0.216	ND	60.4	48.4-166	51.8	35
cis-1,3-Dichloropropene	0.0732	R	0.026	mg/kg dry	0.216	ND	33.9	10-200	65.7	35
Trans-1,3-Dichloropropene	0.132		0.026	mg/kg dry	0.216	ND	61.2	31.6-146	30.6	35
1,1,2-Trichloroethane	0.188	R	0.026	mg/kg dry	0.216	ND	87.0	37.6-187	36.4	35
Tetrachloroethene (SIM)	0.610	R, S	0.018	mg/kg dry	0.216	ND	282	48-141	94.2	35
2-Chlorotoluene	0.313	R, S	0.035	mg/kg dry	0.216	ND	145	33.9-142	77.2	35
4-Chlorotoluene	0.238	R	0.035	mg/kg dry	0.216	ND	110	15.2-163	49.2	35
1,3-Dichlorobenzene	0.229		0.035	mg/kg dry	0.216	ND	106	49.8-152	11.3	35

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Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K006
Reported: 11/03/2023 15:05

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXK0007-MSD1)		**Parent: L23K006-02**			Prepared & Analyzed: 11/1/2023					
1,4-Dichlorobenzene	0.234		0.035	mg/kg dry	0.216	ND	108	52.9-141	6.10	35
1,2-Dichlorobenzene	0.191		0.035	mg/kg dry	0.216	ND	88.2	45.2-158	2.37	35
Surrogate: Dibromofluoromethane			*18.1*	*ug/L*	*20.0*		*90.4*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*12.4*	*ug/L*	*20.0*		*62.0*	*32.2-196*		
Surrogate: Toluene-d8			*14.4*	*ug/L*	*20.0*		*72.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*11.4*	*ug/L*	*20.0*		*57.1*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K006
Reported: 11/03/2023 15:05

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXK0008 - Gen Chem										
LCS (BXK0008-BS1)					Prepared: 11/1/2023 Analyzed: 11/2/2023					
Moisture	18			%	17.0		105	90-115		

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No duplication of this report is allowed, except in its entirety.

Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

November 08, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23K035

Enclosed are the results of analyses for samples received by our laboratory on 11/6/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Date: 11/6/23 Page: 1 of

Client: Whatcom Environmental
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Project Manager: Aimee Pennell
Project Name: Sunset Commons
Location: City, State: Bellingham, WA
Collector: Matt Roberts Date of Collection: 11/6/23
Email:

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 Chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1 SS-144 9Ft	9 Ft	11:15	Soil	1 Jar, 2 Vials	X														
2 SS-145 9Ft	9Ft	11:30	Soil	↓	X														
3 SS-146 14Ft	14Ft	12:00	Soil		X														
4 SS-147 9Ft	9Ft	14:30	Soil		X														
5 SS-148 9Ft	9Ft	15:00	Soil		X														
6 SS-149 19Ft	19	15:15	Soil		X														
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			

Relinquished by:	Date / Time	Received by:	Date / Time
MW WES	11/6/23, 14:10		11/6/23 1410
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks: ML

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23K035 **Reported:** 11/08/2023 16:29

Notes and Definitions

Item	Definition
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23K035-01	SS-144 9ft	Soil	11/06/2023	11/06/2023
L23K035-02	SS-145 9ft	Soil	11/06/2023	11/06/2023
L23K035-03	SS-146 14ft	Soil	11/06/2023	11/06/2023
L23K035-04	SS-147 9ft	Soil	11/06/2023	11/06/2023
L23K035-05	SS-148 9ft	Soil	11/06/2023	11/06/2023
L23K035-06	SS-149 19ft	Soil	11/06/2023	11/06/2023

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Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23K035 **Reported:** 11/08/2023 16:29

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-144 9ft**			Lab#: L23K035-01		
Trichloroethene (TCE)	0.23		mg/kg dry	0.016	8260D
Sample: **SS-145 9ft**			Lab#: L23K035-02		
Trichloroethene (TCE)	0.11		mg/kg dry	0.017	8260D
Sample: **SS-147 9ft**			Lab#: L23K035-04		
Trichloroethene (TCE)	0.28		mg/kg dry	0.016	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K035
Reported: 11/08/2023 16:29

Sample Results

Client Sample ID: SS-144 9ft

Lab ID: L23K035-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	11/06/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/06/2023	PB
Chloroethane	ND		0.049	mg/kg dry	11/06/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	11/06/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/06/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	11/06/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	11/06/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/06/2023	PB
Chloroform	ND		0.025	mg/kg dry	11/06/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	11/06/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	11/06/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	11/06/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	11/06/2023	PB
Trichloroethene (TCE)	0.23		0.016	mg/kg dry	11/06/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	11/06/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/06/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/06/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	11/06/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/06/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	11/06/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	11/06/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	11/06/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	11/06/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	11/06/2023	PB
Surrogate: Dibromofluoromethane	*180%*		*22.9-220*		*11/06/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*183%*		*32.2-196*		*11/06/2023*	*PB*
Surrogate: Toluene-d8	*86.7%*		*47.3-146*		*11/06/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*82.1%*		*38.4-136*		*11/06/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	11/08/2023	SG

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K035
Reported: 11/08/2023 16:29

Sample Results (Continued)

Client Sample ID: SS-145 9ft

Lab ID: L23K035-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	11/06/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	11/06/2023	PB
Chloroethane	ND		0.050	mg/kg dry	11/06/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	11/06/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/06/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	11/06/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	11/06/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/06/2023	PB
Chloroform	ND		0.025	mg/kg dry	11/06/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	11/06/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	11/06/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	11/06/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	11/06/2023	PB
Trichloroethene (TCE)	0.11		0.017	mg/kg dry	11/06/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	11/06/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/06/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/06/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	11/06/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	11/06/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	11/06/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	11/06/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	11/06/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	11/06/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	11/06/2023	PB
Surrogate: Dibromofluoromethane	*133%*		*22.9-220*		*11/06/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*170%*		*32.2-196*		*11/06/2023*	*PB*
Surrogate: Toluene-d8	*86.0%*		*47.3-146*		*11/06/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*81.8%*		*38.4-136*		*11/06/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	11/08/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K035
Reported: 11/08/2023 16:29

Sample Results (Continued)

Client Sample ID: SS-146 14ft

Lab ID: L23K035-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	11/06/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	11/06/2023	PB
Chloroethane	ND		0.051	mg/kg dry	11/06/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	11/06/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/06/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	11/06/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	11/06/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/06/2023	PB
Chloroform	ND		0.025	mg/kg dry	11/06/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	11/06/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	11/06/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	11/06/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	11/06/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	11/06/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	11/06/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/06/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/06/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	11/06/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	11/06/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	11/06/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	11/06/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	11/06/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	11/06/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	11/06/2023	PB
Surrogate: Dibromofluoromethane	*125%*		*22.9-220*		*11/06/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*167%*		*32.2-196*		*11/06/2023*	*PB*
Surrogate: Toluene-d8	*80.7%*		*47.3-146*		*11/06/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*81.4%*		*38.4-136*		*11/06/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	11/08/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K035
Reported: 11/08/2023 16:29

Sample Results (Continued)

Client Sample ID: SS-147 9ft

Lab ID: L23K035-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	11/06/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/06/2023	PB
Chloroethane	ND		0.048	mg/kg dry	11/06/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	11/06/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/06/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	11/06/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	11/06/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/06/2023	PB
Chloroform	ND		0.024	mg/kg dry	11/06/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	11/06/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	11/06/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	11/06/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	11/06/2023	PB
Trichloroethene (TCE)	0.28		0.016	mg/kg dry	11/06/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	11/06/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/06/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/06/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	11/06/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/06/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	11/06/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	11/06/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	11/06/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	11/06/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	11/06/2023	PB
Surrogate: Dibromofluoromethane	*147%*		*22.9-220*		*11/06/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*145%*		*32.2-196*		*11/06/2023*	*PB*
Surrogate: Toluene-d8	*85.6%*		*47.3-146*		*11/06/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*88.6%*		*38.4-136*		*11/06/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	11/08/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K035
Reported: 11/08/2023 16:29

Sample Results (Continued)

Client Sample ID: SS-148 9ft

Lab ID: L23K035-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	11/06/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	11/06/2023	PB
Chloroethane	ND		0.050	mg/kg dry	11/06/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	11/06/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/06/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	11/06/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	11/06/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/06/2023	PB
Chloroform	ND		0.025	mg/kg dry	11/06/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	11/06/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	11/06/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	11/06/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	11/06/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	11/06/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	11/06/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/06/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/06/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	11/06/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	11/06/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	11/06/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	11/06/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	11/06/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	11/06/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	11/06/2023	PB
Surrogate: Dibromofluoromethane	*145%*		*22.9-220*		*11/06/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*129%*		*32.2-196*		*11/06/2023*	*PB*
Surrogate: Toluene-d8	*90.6%*		*47.3-146*		*11/06/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*98.3%*		*38.4-136*		*11/06/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	11/08/2023	SG

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No duplication of this report is allowed, except in its entirety.

Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K035
Reported: 11/08/2023 16:29

Sample Results (Continued)

Client Sample ID: SS-149 19ft

Lab ID: L23K035-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.052	mg/kg dry	11/06/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	11/06/2023	PB
Chloroethane	ND		0.052	mg/kg dry	11/06/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	11/06/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	11/06/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	11/06/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	11/06/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	11/06/2023	PB
Chloroform	ND		0.026	mg/kg dry	11/06/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	11/06/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	11/06/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	11/06/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	11/06/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	11/06/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	11/06/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	11/06/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	11/06/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	11/06/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	11/06/2023	PB
2-Chlorotoluene	ND		0.035	mg/kg dry	11/06/2023	PB
4-Chlorotoluene	ND		0.035	mg/kg dry	11/06/2023	PB
1,3-Dichlorobenzene	ND		0.035	mg/kg dry	11/06/2023	PB
1,4-Dichlorobenzene	ND		0.035	mg/kg dry	11/06/2023	PB
1,2-Dichlorobenzene	ND		0.035	mg/kg dry	11/06/2023	PB
Surrogate: Dibromofluoromethane	*163%*		*22.9-220*		*11/06/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*155%*		*32.2-196*		*11/06/2023*	*PB*
Surrogate: Toluene-d8	*86.5%*		*47.3-146*		*11/06/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*96.8%*		*38.4-136*		*11/06/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	11/08/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K035
Reported: 11/08/2023 16:29

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXK0036 - VOA										
Blank (BXK0036-BLK1)					Prepared & Analyzed: 11/6/2023					
Chloromethane	ND		0.0012	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.00040	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*32.6*	*ug/L*	*20.0*		*163*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*33.2*	*ug/L*	*20.0*		*166*	*32.2-196*		
Surrogate: Toluene-d8			*17.0*	*ug/L*	*20.0*		*85.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*15.9*	*ug/L*	*20.0*		*79.4*	*38.4-136*		
LCS (BXK0036-BS1)					Prepared & Analyzed: 11/6/2023					
Chloromethane	0.242		0.060	mg/kg wet	0.250		96.8	10-205		
Vinyl Chloride (SIM)	0.150		0.020	mg/kg wet	0.250		59.8	44.2-183		
Chloroethane	1.46	S3	0.060	mg/kg wet	0.250		585	12.4-218		
1,1-Dichloroethene	0.298		0.050	mg/kg wet	0.250		119	39.6-181		
trans-1,2-Dichloroethene	0.268		0.030	mg/kg wet	0.250		107	39.6-177		
1,1-Dichloroethane	0.386		0.030	mg/kg wet	0.250		154	24.1-182		
2,2-Dichloropropane	0.352		0.050	mg/kg wet	0.250		141	18.9-210		
cis-1,2-Dichloroethene	0.246		0.030	mg/kg wet	0.250		98.6	29.5-182		
Chloroform	0.353		0.030	mg/kg wet	0.250		141	53-168		
1,1,1-Trichloroethane (TCA)	0.368		0.030	mg/kg wet	0.250		147	10-228		
Carbon tetrachloride	0.360		0.030	mg/kg wet	0.250		144	44-185		
1,1-Dichloropropene	0.168		0.030	mg/kg wet	0.250		67.0	10-192		
1,2-Dichloroethane (EDC)	0.356		0.030	mg/kg wet	0.250		142	39.6-177		
Trichloroethene (SIM)	0.200		0.020	mg/kg wet	0.250		80.2	28.8-130		
1,2-Dichloropropane	0.265		0.030	mg/kg wet	0.250		106	43.7-140		
cis-1,3-Dichloropropene	0.171		0.030	mg/kg wet	0.250		68.3	38.5-134		
Trans-1,3-Dichloropropene	0.236		0.030	mg/kg wet	0.250		94.5	40.1-139		
1,1,2-Trichloroethane	0.364		0.030	mg/kg wet	0.250		145	42.7-171		
Tetrachloroethene (SIM)	0.233		0.020	mg/kg wet	0.250		93.2	30.4-159		
2-Chlorotoluene	0.167		0.040	mg/kg wet	0.250		67.0	35.8-131		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K035
Reported: 11/08/2023 16:29

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXK0036-BS1)					Prepared & Analyzed: 11/6/2023					
4-Chlorotoluene	0.159		0.040	mg/kg wet	0.250		63.7	37-131		
1,3-Dichlorobenzene	0.245		0.040	mg/kg wet	0.250		98.0	46.9-154		
1,4-Dichlorobenzene	0.258		0.040	mg/kg wet	0.250		103	50.6-146		
1,2-Dichlorobenzene	0.241		0.040	mg/kg wet	0.250		96.5	44.3-151		
Surrogate: Dibromofluoromethane			*29.1*	*ug/L*	*20.0*		*145*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*30.3*	*ug/L*	*20.0*		*151*	*32.2-196*		
Surrogate: Toluene-d8			*18.0*	*ug/L*	*20.0*		*90.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*22.8*	*ug/L*	*20.0*		*114*	*38.4-136*		
Duplicate (BXK0036-DUP1)		**Parent: L23K035-01**			Prepared & Analyzed: 11/6/2023					
Chloromethane	ND		0.050	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry		ND				35
Chloroethane	ND		0.050	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.041	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.025	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.041	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry		ND				35
Chloroform	ND		0.025	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.025	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.025	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry		ND				35
Trichloroethene (TCE)	0.204		0.017	mg/kg dry		0.227			10.5	35
1,2-Dichloropropane	ND		0.025	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.025	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.033	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.033	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.033	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.033	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.033	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*26.2*	*ug/L*	*20.0*		*131*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*33.8*	*ug/L*	*20.0*		*169*	*32.2-196*		
Surrogate: Toluene-d8			*17.6*	*ug/L*	*20.0*		*88.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*17.1*	*ug/L*	*20.0*		*85.6*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K035
Reported: 11/08/2023 16:29

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXK0036-MS1)		**Parent: L23K035-01**			Prepared & Analyzed: 11/6/2023					
Chloromethane	0.204		0.049	mg/kg dry	0.206	ND	99.3	10-229		
Vinyl Chloride (SIM)	0.132		0.016	mg/kg dry	0.206	ND	64.3	30.4-218		
Chloroethane	0.132		0.049	mg/kg dry	0.206	ND	64.3	10-194		
1,1-Dichloroethene	0.170		0.041	mg/kg dry	0.206	ND	82.7	44.2-190		
trans-1,2-Dichloroethene	0.180		0.025	mg/kg dry	0.206	ND	87.5	35.2-199		
1,1-Dichloroethane	0.214		0.025	mg/kg dry	0.206	ND	104	10-236		
2,2-Dichloropropane	0.250		0.041	mg/kg dry	0.206	ND	122	22.7-204		
cis-1,2-Dichloroethene	0.185		0.025	mg/kg dry	0.206	ND	89.7	36.9-180		
Chloroform	0.306		0.025	mg/kg dry	0.206	ND	149	54.4-176		
1,1,1-Trichloroethane (TCA)	0.300		0.025	mg/kg dry	0.206	ND	146	25.1-198		
Carbon tetrachloride	0.321		0.025	mg/kg dry	0.206	ND	156	14-216		
1,1-Dichloropropene	0.140		0.025	mg/kg dry	0.206	ND	68.2	42.3-147		
1,2-Dichloroethane (EDC)	0.297		0.025	mg/kg dry	0.206	ND	144	40.9-190		
Trichloroethene (SIM)	0.376		0.016	mg/kg dry	0.206	0.194	88.3	43-151		
1,2-Dichloropropane	0.215		0.025	mg/kg dry	0.206	ND	104	48.4-166		
cis-1,3-Dichloropropene	0.151		0.025	mg/kg dry	0.206	ND	73.2	10-200		
Trans-1,3-Dichloropropene	0.160		0.025	mg/kg dry	0.206	ND	77.8	31.6-146		
1,1,2-Trichloroethane	0.272		0.025	mg/kg dry	0.206	ND	132	37.6-187		
Tetrachloroethene (SIM)	0.162		0.016	mg/kg dry	0.206	ND	78.9	48-141		
2-Chlorotoluene	0.125		0.033	mg/kg dry	0.206	ND	60.6	33.9-142		
4-Chlorotoluene	0.126		0.033	mg/kg dry	0.206	ND	61.0	15.2-163		
1,3-Dichlorobenzene	0.193		0.033	mg/kg dry	0.206	ND	93.7	49.8-152		
1,4-Dichlorobenzene	0.207		0.033	mg/kg dry	0.206	ND	101	52.9-141		
1,2-Dichlorobenzene	0.191		0.033	mg/kg dry	0.206	ND	92.8	45.2-158		
Surrogate: Dibromofluoromethane			*32.0*	*ug/L*	*20.0*		*160*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*32.1*	*ug/L*	*20.0*		*161*	*32.2-196*		
Surrogate: Toluene-d8			*18.5*	*ug/L*	*20.0*		*92.6*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*22.3*	*ug/L*	*20.0*		*112*	*38.4-136*		
Matrix Spike Dup (BXK0036-MSD1)		**Parent: L23K035-01**			Prepared & Analyzed: 11/6/2023					
Chloromethane	0.198		0.049	mg/kg dry	0.206	ND	96.2	10-229	3.15	35
Vinyl Chloride (SIM)	0.132		0.016	mg/kg dry	0.206	ND	64.2	30.4-218	0.187	35
Chloroethane	0.138		0.049	mg/kg dry	0.206	ND	67.1	10-194	4.29	35
1,1-Dichloroethene	0.171		0.041	mg/kg dry	0.206	ND	83.1	44.2-190	0.458	35
trans-1,2-Dichloroethene	0.203		0.025	mg/kg dry	0.206	ND	98.8	35.2-199	12.1	35
1,1-Dichloroethane	0.187		0.025	mg/kg dry	0.206	ND	91.0	10-236	13.5	35
2,2-Dichloropropane	0.272		0.041	mg/kg dry	0.206	ND	132	22.7-204	8.40	35
cis-1,2-Dichloroethene	0.200		0.025	mg/kg dry	0.206	ND	97.0	36.9-180	7.80	35
Chloroform	0.335		0.025	mg/kg dry	0.206	ND	163	54.4-176	9.11	35
1,1,1-Trichloroethane (TCA)	0.305		0.025	mg/kg dry	0.206	ND	148	25.1-198	1.67	35
Carbon tetrachloride	0.315		0.025	mg/kg dry	0.206	ND	153	14-216	1.81	35
1,1-Dichloropropene	0.144		0.025	mg/kg dry	0.206	ND	70.1	42.3-147	2.75	35
1,2-Dichloroethane (EDC)	0.281		0.025	mg/kg dry	0.206	ND	136	40.9-190	5.70	35
Trichloroethene (SIM)	0.389		0.016	mg/kg dry	0.206	0.194	94.8	43-151	3.46	35
1,2-Dichloropropane	0.223		0.025	mg/kg dry	0.206	ND	108	48.4-166	3.86	35
cis-1,3-Dichloropropene	0.157		0.025	mg/kg dry	0.206	ND	76.2	10-200	3.94	35
Trans-1,3-Dichloropropene	0.171		0.025	mg/kg dry	0.206	ND	83.0	31.6-146	6.39	35
1,1,2-Trichloroethane	0.282		0.025	mg/kg dry	0.206	ND	137	37.6-187	3.45	35
Tetrachloroethene (SIM)	0.176		0.016	mg/kg dry	0.206	ND	85.7	48-141	8.24	35
2-Chlorotoluene	0.133		0.033	mg/kg dry	0.206	ND	64.4	33.9-142	5.98	35
4-Chlorotoluene	0.128		0.033	mg/kg dry	0.206	ND	62.1	15.2-163	1.82	35
1,3-Dichlorobenzene	0.207		0.033	mg/kg dry	0.206	ND	101	49.8-152	7.04	35

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K035
Reported: 11/08/2023 16:29

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXK0036-MSD1)		**Parent: L23K035-01**			Prepared & Analyzed: 11/6/2023					
1,4-Dichlorobenzene	0.216		0.033	mg/kg dry	0.206	ND	105	52.9-141	3.95	35
1,2-Dichlorobenzene	0.201		0.033	mg/kg dry	0.206	ND	97.8	45.2-158	5.23	35
Surrogate: Dibromofluoromethane			*30.6*	*ug/L*	*20.0*		*153*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.9*	*ug/L*	*20.0*		*149*	*32.2-196*		
Surrogate: Toluene-d8			*18.0*	*ug/L*	*20.0*		*90.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*22.8*	*ug/L*	*20.0*		*114*	*38.4-136*		

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Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K035
Reported: 11/08/2023 16:29

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXK0037 - Gen Chem										
LCS (BXK0037-BS1)					Prepared: 11/6/2023 Analyzed: 11/8/2023					
Moisture	18			%	17.0		106	90-115		

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No duplication of this report is allowed, except in its entirety.

Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

November 08, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23K041

Enclosed are the results of analyses for samples received by our laboratory on 11/7/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

L23K071

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.com

Date: 11/7/23 Page: 1 of 1

Client: Whatcom Env.
Address:
City: Bellingham State: WA Zip:
Phone: Fax:
Client Project #

Project Manager: Aimee Pennell
Project Name: Sunset Commons
Location: City, State: Bellingham, WA
Collector: Matt Roberts Date of Collection: 11/7/23
Email: Emailed

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 Chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270			Field Notes
1 SS-150 9Ft	9 Ft	9:00	Soil	1 Jar, 2 Vials	X														
2 SS-151 9Ft	9 Ft	9:15	"	"	X														
3 SS-152 9Ft	9 Ft	10:00			X														
4 SS-153 14Ft	14 Ft	10:15			X														
5 SS-154 14Ft	14 Ft	10:30			X														
6 SS-155 14Ft	14 Ft	11:15			X														
7 SS-156 9Ft	9 Ft	11:30			X														
8 SS-157 9Ft	9	11:45			X														
9 SS-158 9Ft	9	12:00			X														
10 SS-159 14Ft	14	12:30			X														
11 SS-160 14Ft	14	13:3			X														
12 SS-161 14Ft	14	13:50			X														
13 SS-162 14Ft	14	14:10	↓	↓	X														
14																			
15																			
16																			
17																			

Relinquished by: WES, 11/7/23, 14:40 Date / Time
Received by: 11/7/23 1440 Date / Time

Relinquished by: Date / Time
Received by: Date / Time

Relinquished by: Date / Time
Received by: Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks: ML

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23K041 **Reported:** 11/08/2023 15:13

Notes and Definitions

Item	Definition
B	Analyte detected in the associated Method Blank.
R	High Relative Percent Difference observed.
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23K041-01	SS-150 9ft	Soil	11/07/2023	11/07/2023
L23K041-02	SS-151 9ft	Soil	11/07/2023	11/07/2023
L23K041-03	SS-152 9ft	Soil	11/07/2023	11/07/2023
L23K041-04	SS-153 14ft	Soil	11/07/2023	11/07/2023
L23K041-05	SS-154 14ft	Soil	11/07/2023	11/07/2023
L23K041-06	SS-155 14ft	Soil	11/07/2023	11/07/2023
L23K041-07	SS-156 9ft	Soil	11/07/2023	11/07/2023
L23K041-08	SS-157 9ft	Soil	11/07/2023	11/07/2023
L23K041-09	SS-158 9ft	Soil	11/07/2023	11/07/2023
L23K041-10	SS-159 14ft	Soil	11/07/2023	11/07/2023
L23K041-11	SS-160 14ft	Soil	11/07/2023	11/07/2023
L23K041-12	SS-161 14ft	Soil	11/07/2023	11/07/2023
L23K041-13	SS-162 14ft	Soil	11/07/2023	11/07/2023

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Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23K041 **Reported:** 11/08/2023 15:13

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: **SS-150 9ft**			Lab#: L23K041-01		
Chloroform	0.025	B	mg/kg dry	0.024	8260D
Sample: **SS-152 9ft**			Lab#: L23K041-03		
Trichloroethene (TCE)	0.083		mg/kg dry	0.016	8260D
Sample: **SS-155 14ft**			Lab#: L23K041-06		
Trichloroethene (TCE)	0.12		mg/kg dry	0.017	8260D
Sample: **SS-157 9ft**			Lab#: L23K041-08		
Chloroform	0.031	B	mg/kg dry	0.024	8260D
Sample: **SS-158 9ft**			Lab#: L23K041-09		
Chloroform	0.035	B	mg/kg dry	0.024	8260D
Trichloroethene	0.046		mg/kg dry	0.016	8260D
Sample: **SS-159 14ft**			Lab#: L23K041-10		
Chloroform	0.029	B	mg/kg dry	0.026	8260D
Trichloroethene (TCE)	0.63		mg/kg dry	0.017	8260D

Note: If no entry is made, then no target compounds were detected.

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K041
Reported: 11/08/2023 15:13

Sample Results

Client Sample ID: SS-150 9ft

Lab ID: L23K041-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	11/07/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
Chloroethane	ND		0.047	mg/kg dry	11/07/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	11/07/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/07/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	11/07/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	11/07/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/07/2023	PB
Chloroform	0.025	B	0.024	mg/kg dry	11/07/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	11/07/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	11/07/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	11/07/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	11/07/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	11/07/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/07/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/07/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	11/07/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	11/07/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	11/07/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	11/07/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	11/07/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	11/07/2023	PB
Surrogate: Dibromofluoromethane	*165%*		*22.9-220*		*11/07/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*168%*		*32.2-196*		*11/07/2023*	*PB*
Surrogate: Toluene-d8	*96.8%*		*47.3-146*		*11/07/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*75.8%*		*38.4-136*		*11/07/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	11/08/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K041
Reported: 11/08/2023 15:13

Sample Results (Continued)

Client Sample ID: SS-151 9ft

Lab ID: L23K041-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	11/07/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
Chloroethane	ND		0.049	mg/kg dry	11/07/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	11/07/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/07/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	11/07/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	11/07/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/07/2023	PB
Chloroform	ND		0.025	mg/kg dry	11/07/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	11/07/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	11/07/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	11/07/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	11/07/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	11/07/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/07/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/07/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	11/07/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	11/07/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	11/07/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
Surrogate: Dibromofluoromethane	*157%*		*22.9-220*		*11/07/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*169%*		*32.2-196*		*11/07/2023*	*PB*
Surrogate: Toluene-d8	*92.9%*		*47.3-146*		*11/07/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*78.0%*		*38.4-136*		*11/07/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	11/08/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K041
Reported: 11/08/2023 15:13

Sample Results (Continued)

Client Sample ID: SS-152 9ft

Lab ID: L23K041-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	11/07/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
Chloroethane	ND		0.048	mg/kg dry	11/07/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	11/07/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/07/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	11/07/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	11/07/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/07/2023	PB
Chloroform	ND		0.024	mg/kg dry	11/07/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	11/07/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	11/07/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	11/07/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	11/07/2023	PB
Trichloroethene (TCE)	0.083		0.016	mg/kg dry	11/07/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	11/07/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/07/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/07/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	11/07/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	11/07/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	11/07/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	11/07/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	11/07/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	11/07/2023	PB
Surrogate: Dibromofluoromethane	*150%*		*22.9-220*		*11/07/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*156%*		*32.2-196*		*11/07/2023*	*PB*
Surrogate: Toluene-d8	*92.0%*		*47.3-146*		*11/07/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*88.0%*		*38.4-136*		*11/07/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	11/08/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K041
Reported: 11/08/2023 15:13

Sample Results (Continued)

Client Sample ID: SS-153 14ft

Lab ID: L23K041-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	11/07/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	11/07/2023	PB
Chloroethane	ND		0.051	mg/kg dry	11/07/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	11/07/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	11/07/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	11/07/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	11/07/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	11/07/2023	PB
Chloroform	ND		0.026	mg/kg dry	11/07/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	11/07/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	11/07/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	11/07/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	11/07/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	11/07/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	11/07/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	11/07/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	11/07/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	11/07/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	11/07/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	11/07/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	11/07/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	11/07/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	11/07/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	11/07/2023	PB
Surrogate: Dibromofluoromethane	*136%*		*22.9-220*		*11/07/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*120%*		*32.2-196*		*11/07/2023*	*PB*
Surrogate: Toluene-d8	*91.8%*		*47.3-146*		*11/07/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*82.2%*		*38.4-136*		*11/07/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	11/08/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K041
Reported: 11/08/2023 15:13

Sample Results (Continued)

Client Sample ID: SS-154 14ft

Lab ID: L23K041-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.051	mg/kg dry	11/07/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	11/07/2023	PB
Chloroethane	ND		0.051	mg/kg dry	11/07/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	11/07/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	11/07/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	11/07/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	11/07/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	11/07/2023	PB
Chloroform	ND		0.026	mg/kg dry	11/07/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	11/07/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	11/07/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	11/07/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	11/07/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	11/07/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	11/07/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	11/07/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	11/07/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	11/07/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	11/07/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	11/07/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	11/07/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	11/07/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	11/07/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	11/07/2023	PB
Surrogate: Dibromofluoromethane	*142%*		*22.9-220*		*11/07/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*142%*		*32.2-196*		*11/07/2023*	*PB*
Surrogate: Toluene-d8	*91.7%*		*47.3-146*		*11/07/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*85.2%*		*38.4-136*		*11/07/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	11/08/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K041
Reported: 11/08/2023 15:13

Sample Results (Continued)

Client Sample ID: SS-155 14ft

Lab ID: L23K041-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	11/07/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	11/07/2023	PB
Chloroethane	ND		0.050	mg/kg dry	11/07/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	11/07/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/07/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	11/07/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	11/07/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/07/2023	PB
Chloroform	ND		0.025	mg/kg dry	11/07/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	11/07/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	11/07/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	11/07/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	11/07/2023	PB
Trichloroethene (TCE)	0.12		0.017	mg/kg dry	11/07/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	11/07/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/07/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/07/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	11/07/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	11/07/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	11/07/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	11/07/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
Surrogate: Dibromofluoromethane	*144%*		*22.9-220*		*11/07/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*136%*		*32.2-196*		*11/07/2023*	*PB*
Surrogate: Toluene-d8	*91.5%*		*47.3-146*		*11/07/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*79.5%*		*38.4-136*		*11/07/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	11/08/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K041
Reported: 11/08/2023 15:13

Sample Results (Continued)

Client Sample ID: SS-156 9ft

Lab ID: L23K041-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	11/07/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
Chloroethane	ND		0.049	mg/kg dry	11/07/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	11/07/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/07/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	11/07/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	11/07/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/07/2023	PB
Chloroform	ND		0.024	mg/kg dry	11/07/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	11/07/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	11/07/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	11/07/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	11/07/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	11/07/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/07/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/07/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	11/07/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	11/07/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	11/07/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	11/07/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	11/07/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	11/07/2023	PB
Surrogate: Dibromofluoromethane	*131%*		*22.9-220*		*11/07/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*166%*		*32.2-196*		*11/07/2023*	*PB*
Surrogate: Toluene-d8	*101%*		*47.3-146*		*11/07/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*88.6%*		*38.4-136*		*11/07/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	11/08/2023	SG

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Work Order: L23K041
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Sample Results (Continued)

Client Sample ID: SS-157 9ft

Lab ID: L23K041-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	11/07/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
Chloroethane	ND		0.048	mg/kg dry	11/07/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	11/07/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/07/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	11/07/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	11/07/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/07/2023	PB
Chloroform	0.031	B	0.024	mg/kg dry	11/07/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	11/07/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	11/07/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	11/07/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	11/07/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	11/07/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/07/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/07/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	11/07/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	11/07/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	11/07/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	11/07/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	11/07/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	11/07/2023	PB
Surrogate: Dibromofluoromethane	*116%*		*22.9-220*		*11/07/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*151%*		*32.2-196*		*11/07/2023*	*PB*
Surrogate: Toluene-d8	*89.8%*		*47.3-146*		*11/07/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*82.4%*		*38.4-136*		*11/07/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	11/08/2023	SG

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Sample Results (Continued)

Client Sample ID: SS-158 9ft

Lab ID: L23K041-09 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	11/07/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
Chloroethane	ND		0.049	mg/kg dry	11/07/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	11/07/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/07/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	11/07/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	11/07/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/07/2023	PB
Chloroform	0.035	B	0.024	mg/kg dry	11/07/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	11/07/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	11/07/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	11/07/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	11/07/2023	PB
Trichloroethene (SIM)	0.046		0.016	mg/kg dry	11/07/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	11/07/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/07/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/07/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	11/07/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	11/07/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	11/07/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
Surrogate: Dibromofluoromethane	*155%*		*22.9-220*		*11/07/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*156%*		*32.2-196*		*11/07/2023*	*PB*
Surrogate: Toluene-d8	*87.2%*		*47.3-146*		*11/07/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*76.4%*		*38.4-136*		*11/07/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	17		0.50	%	11/08/2023	SG

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Sample Results (Continued)

Client Sample ID: SS-159 14ft

Lab ID: L23K041-10 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.052	mg/kg dry	11/07/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	11/07/2023	PB
Chloroethane	ND		0.052	mg/kg dry	11/07/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	11/07/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	11/07/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	11/07/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	11/07/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	11/07/2023	PB
Chloroform	0.029	B	0.026	mg/kg dry	11/07/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	11/07/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	11/07/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	11/07/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	11/07/2023	PB
Trichloroethene (TCE)	0.63		0.017	mg/kg dry	11/07/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	11/07/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	11/07/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	11/07/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	11/07/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	11/07/2023	PB
2-Chlorotoluene	ND		0.034	mg/kg dry	11/07/2023	PB
4-Chlorotoluene	ND		0.034	mg/kg dry	11/07/2023	PB
1,3-Dichlorobenzene	ND		0.034	mg/kg dry	11/07/2023	PB
1,4-Dichlorobenzene	ND		0.034	mg/kg dry	11/07/2023	PB
1,2-Dichlorobenzene	ND		0.034	mg/kg dry	11/07/2023	PB
Surrogate: Dibromofluoromethane	*122%*		*22.9-220*		*11/07/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*148%*		*32.2-196*		*11/07/2023*	*PB*
Surrogate: Toluene-d8	*89.2%*		*47.3-146*		*11/07/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*75.1%*		*38.4-136*		*11/07/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	11/08/2023	SG

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City/State: Bellingham, WA
Work Order: L23K041
Reported: 11/08/2023 15:13

Sample Results (Continued)

Client Sample ID: SS-160 14ft

Lab ID: L23K041-11 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	11/07/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
Chloroethane	ND		0.049	mg/kg dry	11/07/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	11/07/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/07/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	11/07/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	11/07/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/07/2023	PB
Chloroform	ND		0.025	mg/kg dry	11/07/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	11/07/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	11/07/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	11/07/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	11/07/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	11/07/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/07/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/07/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	11/07/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	11/07/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	11/07/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
Surrogate: Dibromofluoromethane	*133%*		*22.9-220*		*11/07/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*159%*		*32.2-196*		*11/07/2023*	*PB*
Surrogate: Toluene-d8	*92.1%*		*47.3-146*		*11/07/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*84.3%*		*38.4-136*		*11/07/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	11/08/2023	SG

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Project Manager: Aimee Pennell

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Work Order: L23K041
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Sample Results (Continued)

Client Sample ID: SS-161 14ft

Lab ID: L23K041-12 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.049	mg/kg dry	11/07/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
Chloroethane	ND		0.049	mg/kg dry	11/07/2023	PB
1,1-Dichloroethene	ND		0.041	mg/kg dry	11/07/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/07/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	11/07/2023	PB
2,2-Dichloropropane	ND		0.041	mg/kg dry	11/07/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/07/2023	PB
Chloroform	ND		0.025	mg/kg dry	11/07/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	11/07/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	11/07/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	11/07/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	11/07/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	11/07/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/07/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/07/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	11/07/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/07/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	11/07/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	11/07/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
Surrogate: Dibromofluoromethane	*144%*		*22.9-220*		*11/07/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*143%*		*32.2-196*		*11/07/2023*	*PB*
Surrogate: Toluene-d8	*91.6%*		*47.3-146*		*11/07/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*88.2%*		*38.4-136*		*11/07/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	11/08/2023	SG

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Project Manager: Aimee Pennell

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Sample Results (Continued)

Client Sample ID: SS-162 14ft

Lab ID: L23K041-13 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	11/07/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	11/07/2023	PB
Chloroethane	ND		0.050	mg/kg dry	11/07/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	11/07/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/07/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	11/07/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	11/07/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/07/2023	PB
Chloroform	ND		0.025	mg/kg dry	11/07/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	11/07/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	11/07/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	11/07/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	11/07/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	11/07/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	11/07/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/07/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/07/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	11/07/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	11/07/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	11/07/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	11/07/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	11/07/2023	PB
Surrogate: Dibromofluoromethane	*149%*		*22.9-220*		*11/07/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*153%*		*32.2-196*		*11/07/2023*	*PB*
Surrogate: Toluene-d8	*91.1%*		*47.3-146*		*11/07/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*86.2%*		*38.4-136*		*11/07/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	11/08/2023	SG

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K041
Reported: 11/08/2023 15:13

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXK0042 - VOA										
Blank (BXK0042-BLK1)					Prepared & Analyzed: 11/7/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	0.0578		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*37.6*	*ug/L*	*20.0*		*188*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*36.6*	*ug/L*	*20.0*		*183*	*32.2-196*		
Surrogate: Toluene-d8			*17.5*	*ug/L*	*20.0*		*87.7*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*16.6*	*ug/L*	*20.0*		*82.8*	*38.4-136*		
LCS (BXK0042-BS1)					Prepared & Analyzed: 11/7/2023					
Chloromethane	0.209		0.060	mg/kg wet	0.250		83.5	10-205		
Vinyl Chloride (SIM)	0.136		0.020	mg/kg wet	0.250		54.5	44.2-183		
Chloroethane	0.927	S3	0.060	mg/kg wet	0.250		371	12.4-218		
1,1-Dichloroethene	0.322		0.050	mg/kg wet	0.250		129	39.6-181		
trans-1,2-Dichloroethene	0.275		0.030	mg/kg wet	0.250		110	39.6-177		
1,1-Dichloroethane	0.410		0.030	mg/kg wet	0.250		164	24.1-182		
2,2-Dichloropropane	0.402		0.050	mg/kg wet	0.250		161	18.9-210		
cis-1,2-Dichloroethene	0.264		0.030	mg/kg wet	0.250		106	29.5-182		
Chloroform	0.437	B	0.030	mg/kg wet	0.250		175	53-168		
1,1,1-Trichloroethane (TCA)	0.399		0.030	mg/kg wet	0.250		160	10-228		
Carbon tetrachloride	0.415		0.030	mg/kg wet	0.250		166	44-185		
1,1-Dichloropropene	0.158		0.030	mg/kg wet	0.250		63.2	10-192		
1,2-Dichloroethane (EDC)	0.363		0.030	mg/kg wet	0.250		145	39.6-177		
Trichloroethene (SIM)	0.208		0.020	mg/kg wet	0.250		83.3	28.8-130		
1,2-Dichloropropane	0.287		0.030	mg/kg wet	0.250		115	43.7-140		
cis-1,3-Dichloropropene	0.196		0.030	mg/kg wet	0.250		78.5	38.5-134		
Trans-1,3-Dichloropropene	0.229		0.030	mg/kg wet	0.250		91.6	40.1-139		
1,1,2-Trichloroethane	0.340		0.030	mg/kg wet	0.250		136	42.7-171		
Tetrachloroethene (SIM)	0.218		0.020	mg/kg wet	0.250		87.1	30.4-159		
2-Chlorotoluene	0.170		0.040	mg/kg wet	0.250		68.0	35.8-131		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K041
Reported: 11/08/2023 15:13

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXK0042-BS1)					Prepared & Analyzed: 11/7/2023					
4-Chlorotoluene	0.160		0.040	mg/kg wet	0.250		64.0	37-131		
1,3-Dichlorobenzene	0.252		0.040	mg/kg wet	0.250		101	46.9-154		
1,4-Dichlorobenzene	0.267		0.040	mg/kg wet	0.250		107	50.6-146		
1,2-Dichlorobenzene	0.247		0.040	mg/kg wet	0.250		98.7	44.3-151		
Surrogate: Dibromofluoromethane			*32.1*	*ug/L*	*20.0*		*160*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*31.4*	*ug/L*	*20.0*		*157*	*32.2-196*		
Surrogate: Toluene-d8			*18.7*	*ug/L*	*20.0*		*93.4*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*20.4*	*ug/L*	*20.0*		*102*	*38.4-136*		
Duplicate (BXK0042-DUP1)		**Parent: L23K041-01**			Prepared & Analyzed: 11/7/2023					
Chloromethane	ND		0.047	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry		ND				35
Chloroethane	ND		0.047	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.039	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.024	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.039	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
Chloroform	ND		0.024	mg/kg dry		0.0249				35
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.024	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.024	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.024	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*30.5*	*ug/L*	*20.0*		*153*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*33.7*	*ug/L*	*20.0*		*169*	*32.2-196*		
Surrogate: Toluene-d8			*18.6*	*ug/L*	*20.0*		*93.1*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*15.6*	*ug/L*	*20.0*		*78.2*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K041
Reported: 11/08/2023 15:13

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Duplicate (BXK0042-DUP2)		**Parent: L23K041-08**			Prepared & Analyzed: 11/7/2023					
Chloromethane	ND		0.048	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry		ND				35
Chloroethane	ND		0.048	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.040	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.024	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.040	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
Chloroform	0.0273		0.024	mg/kg dry		0.0313			13.6	35
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.024	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.024	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.024	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.032	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.032	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*30.6*	*ug/L*	*20.0*		*153*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*33.3*	*ug/L*	*20.0*		*166*	*32.2-196*		
Surrogate: Toluene-d8			*17.8*	*ug/L*	*20.0*		*88.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*16.1*	*ug/L*	*20.0*		*80.3*	*38.4-136*		
Matrix Spike (BXK0042-MS1)		**Parent: L23K041-01**			Prepared & Analyzed: 11/7/2023					
Chloromethane	0.107		0.047	mg/kg dry	0.199	ND	53.7	10-229		
Vinyl Chloride (SIM)	0.0749		0.016	mg/kg dry	0.199	ND	37.7	30.4-218		
Chloroethane	0.0490		0.047	mg/kg dry	0.199	ND	24.6	10-194		
1,1-Dichloroethene	0.106		0.039	mg/kg dry	0.199	ND	53.2	44.2-190		
trans-1,2-Dichloroethene	0.109		0.024	mg/kg dry	0.199	ND	54.9	35.2-199		
1,1-Dichloroethane	0.145		0.024	mg/kg dry	0.199	ND	72.9	10-236		
2,2-Dichloropropane	0.173		0.039	mg/kg dry	0.199	ND	86.9	22.7-204		
cis-1,2-Dichloroethene	0.113		0.024	mg/kg dry	0.199	ND	56.8	36.9-180		
Chloroform	0.194		0.024	mg/kg dry	0.199	0.0249	84.8	54.4-176		
1,1,1-Trichloroethane (TCA)	0.160		0.024	mg/kg dry	0.199	ND	80.5	25.1-198		
Carbon tetrachloride	0.167		0.024	mg/kg dry	0.199	ND	84.2	14-216		
1,1-Dichloropropene	0.0869		0.024	mg/kg dry	0.199	ND	43.8	42.3-147		
1,2-Dichloroethane (EDC)	0.198		0.024	mg/kg dry	0.199	ND	99.6	40.9-190		
Trichloroethene (SIM)	0.103		0.016	mg/kg dry	0.199	ND	51.6	43-151		
1,2-Dichloropropane	0.144		0.024	mg/kg dry	0.199	ND	72.5	48.4-166		
cis-1,3-Dichloropropene	0.0991		0.024	mg/kg dry	0.199	ND	49.9	10-200		
Trans-1,3-Dichloropropene	0.135		0.024	mg/kg dry	0.199	ND	68.1	31.6-146		
1,1,2-Trichloroethane	0.216		0.024	mg/kg dry	0.199	ND	109	37.6-187		
Tetrachloroethene (SIM)	0.116		0.016	mg/kg dry	0.199	ND	58.2	48-141		
2-Chlorotoluene	0.0918		0.032	mg/kg dry	0.199	ND	46.2	33.9-142		
4-Chlorotoluene	0.0865		0.032	mg/kg dry	0.199	ND	43.6	15.2-163		
1,3-Dichlorobenzene	0.142		0.032	mg/kg dry	0.199	ND	71.6	49.8-152		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K041
Reported: 11/08/2023 15:13

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXK0042-MS1)		**Parent: L23K041-01**			Prepared & Analyzed: 11/7/2023					
1,4-Dichlorobenzene	0.161		0.032	mg/kg dry	0.199	ND	80.9	52.9-141		
1,2-Dichlorobenzene	0.141		0.032	mg/kg dry	0.199	ND	71.0	45.2-158		
Surrogate: Dibromofluoromethane			*22.9*	*ug/L*	*20.0*		*114*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*33.9*	*ug/L*	*20.0*		*169*	*32.2-196*		
Surrogate: Toluene-d8			*18.7*	*ug/L*	*20.0*		*93.5*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.3*	*ug/L*	*20.0*		*107*	*38.4-136*		
Matrix Spike Dup (BXK0042-MSD1)		**Parent: L23K041-01**			Prepared & Analyzed: 11/7/2023					
Chloromethane	0.138		0.047	mg/kg dry	0.199	ND	69.2	10-229	25.2	35
Vinyl Chloride (SIM)	0.0948		0.016	mg/kg dry	0.199	ND	47.7	30.4-218	23.5	35
Chloroethane	0.109	R	0.047	mg/kg dry	0.199	ND	54.7	10-194	75.8	35
1,1-Dichloroethene	0.139		0.039	mg/kg dry	0.199	ND	69.9	44.2-190	27.2	35
trans-1,2-Dichloroethene	0.145		0.024	mg/kg dry	0.199	ND	73.2	35.2-199	28.5	35
1,1-Dichloroethane	0.185		0.024	mg/kg dry	0.199	ND	93.3	10-236	24.6	35
2,2-Dichloropropane	0.242		0.039	mg/kg dry	0.199	ND	122	22.7-204	33.6	35
cis-1,2-Dichloroethene	0.190	R	0.024	mg/kg dry	0.199	ND	95.8	36.9-180	51.2	35
Chloroform	0.302	B	0.024	mg/kg dry	0.199	0.0249	139	54.4-176	43.7	35
1,1,1-Trichloroethane (TCA)	0.250	R	0.024	mg/kg dry	0.199	ND	126	25.1-198	44.1	35
Carbon tetrachloride	0.261	R	0.024	mg/kg dry	0.199	ND	131	14-216	43.7	35
1,1-Dichloropropene	0.104		0.024	mg/kg dry	0.199	ND	52.5	42.3-147	18.2	35
1,2-Dichloroethane (EDC)	0.240		0.024	mg/kg dry	0.199	ND	121	40.9-190	19.1	35
Trichloroethene (SIM)	0.133		0.016	mg/kg dry	0.199	ND	66.9	43-151	25.8	35
1,2-Dichloropropane	0.185		0.024	mg/kg dry	0.199	ND	92.9	48.4-166	24.7	35
cis-1,3-Dichloropropene	0.119		0.024	mg/kg dry	0.199	ND	60.0	10-200	18.5	35
Trans-1,3-Dichloropropene	0.141		0.024	mg/kg dry	0.199	ND	70.9	31.6-146	4.03	35
1,1,2-Trichloroethane	0.234		0.024	mg/kg dry	0.199	ND	118	37.6-187	7.89	35
Tetrachloroethene (SIM)	0.147		0.016	mg/kg dry	0.199	ND	73.9	48-141	23.7	35
2-Chlorotoluene	0.126		0.032	mg/kg dry	0.199	ND	63.5	33.9-142	31.5	35
4-Chlorotoluene	0.121		0.032	mg/kg dry	0.199	ND	60.7	15.2-163	32.8	35
1,3-Dichlorobenzene	0.190		0.032	mg/kg dry	0.199	ND	95.6	49.8-152	28.7	35
1,4-Dichlorobenzene	0.208		0.032	mg/kg dry	0.199	ND	105	52.9-141	25.6	35
1,2-Dichlorobenzene	0.179		0.032	mg/kg dry	0.199	ND	90.2	45.2-158	23.9	35
Surrogate: Dibromofluoromethane			*29.3*	*ug/L*	*20.0*		*146*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*30.0*	*ug/L*	*20.0*		*150*	*32.2-196*		
Surrogate: Toluene-d8			*18.5*	*ug/L*	*20.0*		*92.3*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.5*	*ug/L*	*20.0*		*107*	*38.4-136*		

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Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23K041 **Reported:** 11/08/2023 15:13

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXK0045 - Gen Chem										
LCS (BXK0045-BS1)					Prepared: 11/7/2023 Analyzed: 11/8/2023					
Moisture	18			%	17.0		106	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957
Phone (360) 352-2110 • libbyenv@gmail.com

November 16, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23K069

Enclosed are the results of analyses for samples received by our laboratory on 11/14/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

L23RU69 BXK0075

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Client: Whatcom Env.
Address:
City: State: Zip:
Phone: Fax:
Client Project #

Date: 11/14/23 Page: 1 of 1
Project Manager: Aimee Pennell
Project Name: Sunset Commons
Location: City, State: Bellingham, WA
Collector: MATT Roberts Date of Collection: 11/14/23
Email: emailed

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	Field Notes
1	SS-163 9Ft	9	9:30	soil	1Jar, 2Voas	X												
2	SS-164 14Ft	14	10:00			X												
3	SS-165 9Ft	9	11:30			X												
4	SS-166 14Ft	14	11:45			X												
5	SS-167 10Ft	10	12:30			X												
6	SS-168 16Ft	16	12:45			X												
7	SS-169 14Ft	14	1300			X												
8	SS-170 18Ft	18	1355			X												
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		

Relinquished by:	Date / Time	Received by:	Date / Time
Matt Roberts	11/14/23 15:07	[signature]	11/14/23 1509
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

	Y	N
Good Condition?		
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks: ML

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23K069 **Reported:** 11/16/2023 15:45

Notes and Definitions

Item	Definition
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23K069-01	SS-163 9ft	Soil	11/14/2023	11/14/2023
L23K069-02	SS-164 14ft	Soil	11/14/2023	11/14/2023
L23K069-03	SS-165 9ft	Soil	11/14/2023	11/14/2023
L23K069-04	SS-166 14ft	Soil	11/14/2023	11/14/2023
L23K069-05	SS-167 10ft	Soil	11/14/2023	11/14/2023
L23K069-06	SS-168 16ft	Soil	11/14/2023	11/14/2023
L23K069-07	SS-169 14ft	Soil	11/14/2023	11/14/2023
L23K069-08	SS-170 18ft	Soil	11/14/2023	11/14/2023

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K069
Reported: 11/16/2023 15:45

Sample Results

Client Sample ID: SS-163 9ft

Lab ID: L23K069-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.039	mg/kg dry	11/14/2023	PB
Vinyl Chloride (SIM)	ND		0.013	mg/kg dry	11/14/2023	PB
Chloroethane	ND		0.039	mg/kg dry	11/14/2023	PB
1,1-Dichloroethene	ND		0.033	mg/kg dry	11/14/2023	PB
trans-1,2-Dichloroethene	ND		0.020	mg/kg dry	11/14/2023	PB
1,1-Dichloroethane	ND		0.020	mg/kg dry	11/14/2023	PB
2,2-Dichloropropane	ND		0.033	mg/kg dry	11/14/2023	PB
cis-1,2-Dichloroethene	ND		0.020	mg/kg dry	11/14/2023	PB
Chloroform	ND		0.020	mg/kg dry	11/14/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.020	mg/kg dry	11/14/2023	PB
Carbon tetrachloride	ND		0.020	mg/kg dry	11/14/2023	PB
1,1-Dichloropropene	ND		0.020	mg/kg dry	11/14/2023	PB
1,2-Dichloroethane (EDC)	ND		0.020	mg/kg dry	11/14/2023	PB
Trichloroethene (SIM)	ND		0.013	mg/kg dry	11/14/2023	PB
1,2-Dichloropropane	ND		0.020	mg/kg dry	11/14/2023	PB
cis-1,3-Dichloropropene	ND		0.020	mg/kg dry	11/14/2023	PB
Trans-1,3-Dichloropropene	ND		0.020	mg/kg dry	11/14/2023	PB
1,1,2-Trichloroethane	ND		0.020	mg/kg dry	11/14/2023	PB
Tetrachloroethene (SIM)	ND		0.013	mg/kg dry	11/14/2023	PB
2-Chlorotoluene	ND		0.026	mg/kg dry	11/14/2023	PB
4-Chlorotoluene	ND		0.026	mg/kg dry	11/14/2023	PB
1,3-Dichlorobenzene	ND		0.026	mg/kg dry	11/14/2023	PB
1,4-Dichlorobenzene	ND		0.026	mg/kg dry	11/14/2023	PB
1,2-Dichlorobenzene	ND		0.026	mg/kg dry	11/14/2023	PB
Surrogate: Dibromofluoromethane	*126%*		*22.9-220*		*11/14/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*122%*		*32.2-196*		*11/14/2023*	*PB*
Surrogate: Toluene-d8	*91.1%*		*47.3-146*		*11/14/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*81.5%*		*38.4-136*		*11/14/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	9.5		0.50	%	11/16/2023	ES

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Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K069
Reported: 11/16/2023 15:45

Sample Results (Continued)

Client Sample ID: SS-164 14ft

Lab ID: L23K069-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.044	mg/kg dry	11/14/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	11/14/2023	PB
Chloroethane	ND		0.044	mg/kg dry	11/14/2023	PB
1,1-Dichloroethene	ND		0.037	mg/kg dry	11/14/2023	PB
trans-1,2-Dichloroethene	ND		0.022	mg/kg dry	11/14/2023	PB
1,1-Dichloroethane	ND		0.022	mg/kg dry	11/14/2023	PB
2,2-Dichloropropane	ND		0.037	mg/kg dry	11/14/2023	PB
cis-1,2-Dichloroethene	ND		0.022	mg/kg dry	11/14/2023	PB
Chloroform	ND		0.022	mg/kg dry	11/14/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.022	mg/kg dry	11/14/2023	PB
Carbon tetrachloride	ND		0.022	mg/kg dry	11/14/2023	PB
1,1-Dichloropropene	ND		0.022	mg/kg dry	11/14/2023	PB
1,2-Dichloroethane (EDC)	ND		0.022	mg/kg dry	11/14/2023	PB
Trichloroethene (SIM)	ND		0.015	mg/kg dry	11/14/2023	PB
1,2-Dichloropropane	ND		0.022	mg/kg dry	11/14/2023	PB
cis-1,3-Dichloropropene	ND		0.022	mg/kg dry	11/14/2023	PB
Trans-1,3-Dichloropropene	ND		0.022	mg/kg dry	11/14/2023	PB
1,1,2-Trichloroethane	ND		0.022	mg/kg dry	11/14/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	11/14/2023	PB
2-Chlorotoluene	ND		0.029	mg/kg dry	11/14/2023	PB
4-Chlorotoluene	ND		0.029	mg/kg dry	11/14/2023	PB
1,3-Dichlorobenzene	ND		0.029	mg/kg dry	11/14/2023	PB
1,4-Dichlorobenzene	ND		0.029	mg/kg dry	11/14/2023	PB
1,2-Dichlorobenzene	ND		0.029	mg/kg dry	11/14/2023	PB
Surrogate: Dibromofluoromethane	*126%*		*22.9-220*		*11/14/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*129%*		*32.2-196*		*11/14/2023*	*PB*
Surrogate: Toluene-d8	*90.6%*		*47.3-146*		*11/14/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*85.6%*		*38.4-136*		*11/14/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	14		0.50	%	11/16/2023	ES

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Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K069
Reported: 11/16/2023 15:45

Sample Results (Continued)

Client Sample ID: SS-165 9ft

Lab ID: L23K069-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.046	mg/kg dry	11/14/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	11/14/2023	PB
Chloroethane	ND		0.046	mg/kg dry	11/14/2023	PB
1,1-Dichloroethene	ND		0.038	mg/kg dry	11/14/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	11/14/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	11/14/2023	PB
2,2-Dichloropropane	ND		0.038	mg/kg dry	11/14/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	11/14/2023	PB
Chloroform	ND		0.023	mg/kg dry	11/14/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	11/14/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	11/14/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	11/14/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	11/14/2023	PB
Trichloroethene (SIM)	ND		0.015	mg/kg dry	11/14/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	11/14/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	11/14/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	11/14/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	11/14/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	11/14/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	11/14/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	11/14/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	11/14/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	11/14/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	11/14/2023	PB
Surrogate: Dibromofluoromethane	*132%*		*22.9-220*		*11/14/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*125%*		*32.2-196*		*11/14/2023*	*PB*
Surrogate: Toluene-d8	*91.8%*		*47.3-146*		*11/14/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*86.0%*		*38.4-136*		*11/14/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	15		0.50	%	11/16/2023	ES

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City/State: Bellingham, WA
Work Order: L23K069
Reported: 11/16/2023 15:45

Sample Results (Continued)

Client Sample ID: SS-166 14ft

Lab ID: L23K069-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	11/14/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/14/2023	PB
Chloroethane	ND		0.047	mg/kg dry	11/14/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	11/14/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/14/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	11/14/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	11/14/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/14/2023	PB
Chloroform	ND		0.024	mg/kg dry	11/14/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	11/14/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	11/14/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	11/14/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	11/14/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	11/14/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	11/14/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/14/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/14/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	11/14/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/14/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	11/14/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	11/14/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	11/14/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	11/14/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	11/14/2023	PB
Surrogate: Dibromofluoromethane	*108%*		*22.9-220*		*11/14/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*134%*		*32.2-196*		*11/14/2023*	*PB*
Surrogate: Toluene-d8	*89.0%*		*47.3-146*		*11/14/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*92.0%*		*38.4-136*		*11/14/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	11/16/2023	ES

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Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K069
Reported: 11/16/2023 15:45

Sample Results (Continued)

Client Sample ID: SS-167 10ft

Lab ID: L23K069-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.048	mg/kg dry	11/14/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/14/2023	PB
Chloroethane	ND		0.048	mg/kg dry	11/14/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	11/14/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/14/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	11/14/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	11/14/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/14/2023	PB
Chloroform	ND		0.024	mg/kg dry	11/14/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	11/14/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	11/14/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	11/14/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	11/14/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	11/14/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	11/14/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/14/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/14/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	11/14/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/14/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	11/14/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	11/14/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	11/14/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	11/14/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	11/14/2023	PB
Surrogate: Dibromofluoromethane	*146%*		*22.9-220*		*11/14/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*155%*		*32.2-196*		*11/14/2023*	*PB*
Surrogate: Toluene-d8	*89.0%*		*47.3-146*		*11/14/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*78.6%*		*38.4-136*		*11/14/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	11/16/2023	ES

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Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K069
Reported: 11/16/2023 15:45

Sample Results (Continued)

Client Sample ID: SS-168 16ft

Lab ID: L23K069-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.052	mg/kg dry	11/14/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	11/14/2023	PB
Chloroethane	ND		0.052	mg/kg dry	11/14/2023	PB
1,1-Dichloroethene	ND		0.043	mg/kg dry	11/14/2023	PB
trans-1,2-Dichloroethene	ND		0.026	mg/kg dry	11/14/2023	PB
1,1-Dichloroethane	ND		0.026	mg/kg dry	11/14/2023	PB
2,2-Dichloropropane	ND		0.043	mg/kg dry	11/14/2023	PB
cis-1,2-Dichloroethene	ND		0.026	mg/kg dry	11/14/2023	PB
Chloroform	ND		0.026	mg/kg dry	11/14/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.026	mg/kg dry	11/14/2023	PB
Carbon tetrachloride	ND		0.026	mg/kg dry	11/14/2023	PB
1,1-Dichloropropene	ND		0.026	mg/kg dry	11/14/2023	PB
1,2-Dichloroethane (EDC)	ND		0.026	mg/kg dry	11/14/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	11/14/2023	PB
1,2-Dichloropropane	ND		0.026	mg/kg dry	11/14/2023	PB
cis-1,3-Dichloropropene	ND		0.026	mg/kg dry	11/14/2023	PB
Trans-1,3-Dichloropropene	ND		0.026	mg/kg dry	11/14/2023	PB
1,1,2-Trichloroethane	ND		0.026	mg/kg dry	11/14/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	11/14/2023	PB
2-Chlorotoluene	ND		0.035	mg/kg dry	11/14/2023	PB
4-Chlorotoluene	ND		0.035	mg/kg dry	11/14/2023	PB
1,3-Dichlorobenzene	ND		0.035	mg/kg dry	11/14/2023	PB
1,4-Dichlorobenzene	ND		0.035	mg/kg dry	11/14/2023	PB
1,2-Dichlorobenzene	ND		0.035	mg/kg dry	11/14/2023	PB
Surrogate: Dibromofluoromethane	*146%*		*22.9-220*		*11/14/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*153%*		*32.2-196*		*11/14/2023*	*PB*
Surrogate: Toluene-d8	*86.1%*		*47.3-146*		*11/14/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*79.6%*		*38.4-136*		*11/14/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	19		0.50	%	11/16/2023	ES

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Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K069
Reported: 11/16/2023 15:45

Sample Results (Continued)

Client Sample ID: SS-169 14ft

Lab ID: L23K069-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.046	mg/kg dry	11/14/2023	PB
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry	11/14/2023	PB
Chloroethane	ND		0.046	mg/kg dry	11/14/2023	PB
1,1-Dichloroethene	ND		0.038	mg/kg dry	11/14/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	11/14/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	11/14/2023	PB
2,2-Dichloropropane	ND		0.038	mg/kg dry	11/14/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	11/14/2023	PB
Chloroform	ND		0.023	mg/kg dry	11/14/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	11/14/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	11/14/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	11/14/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	11/14/2023	PB
Trichloroethene (SIM)	ND		0.015	mg/kg dry	11/14/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	11/14/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	11/14/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	11/14/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	11/14/2023	PB
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry	11/14/2023	PB
2-Chlorotoluene	ND		0.030	mg/kg dry	11/14/2023	PB
4-Chlorotoluene	ND		0.030	mg/kg dry	11/14/2023	PB
1,3-Dichlorobenzene	ND		0.030	mg/kg dry	11/14/2023	PB
1,4-Dichlorobenzene	ND		0.030	mg/kg dry	11/14/2023	PB
1,2-Dichlorobenzene	ND		0.030	mg/kg dry	11/14/2023	PB
Surrogate: Dibromofluoromethane	*118%*		*22.9-220*		*11/14/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*140%*		*32.2-196*		*11/14/2023*	*PB*
Surrogate: Toluene-d8	*96.9%*		*47.3-146*		*11/14/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*81.6%*		*38.4-136*		*11/14/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	15		0.50	%	11/16/2023	ES

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K069
Reported: 11/16/2023 15:45

Sample Results (Continued)

Client Sample ID: SS-170 18ft

Lab ID: L23K069-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	11/14/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/14/2023	PB
Chloroethane	ND		0.047	mg/kg dry	11/14/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	11/14/2023	PB
trans-1,2-Dichloroethene	ND		0.023	mg/kg dry	11/14/2023	PB
1,1-Dichloroethane	ND		0.023	mg/kg dry	11/14/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	11/14/2023	PB
cis-1,2-Dichloroethene	ND		0.023	mg/kg dry	11/14/2023	PB
Chloroform	ND		0.023	mg/kg dry	11/14/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.023	mg/kg dry	11/14/2023	PB
Carbon tetrachloride	ND		0.023	mg/kg dry	11/14/2023	PB
1,1-Dichloropropene	ND		0.023	mg/kg dry	11/14/2023	PB
1,2-Dichloroethane (EDC)	ND		0.023	mg/kg dry	11/14/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	11/14/2023	PB
1,2-Dichloropropane	ND		0.023	mg/kg dry	11/14/2023	PB
cis-1,3-Dichloropropene	ND		0.023	mg/kg dry	11/14/2023	PB
Trans-1,3-Dichloropropene	ND		0.023	mg/kg dry	11/14/2023	PB
1,1,2-Trichloroethane	ND		0.023	mg/kg dry	11/14/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/14/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	11/14/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	11/14/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	11/14/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	11/14/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	11/14/2023	PB
Surrogate: Dibromofluoromethane	*142%*		*22.9-220*		*11/14/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*124%*		*32.2-196*		*11/14/2023*	*PB*
Surrogate: Toluene-d8	*86.7%*		*47.3-146*		*11/14/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*69.3%*		*38.4-136*		*11/14/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	15		0.50	%	11/16/2023	ES

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K069
Reported: 11/16/2023 15:45

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXK0075 - VOA										
Blank (BXK0075-BLK1)					Prepared & Analyzed: 11/14/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*23.6*	*ug/L*	*20.0*		*118*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*23.4*	*ug/L*	*20.0*		*117*	*32.2-196*		
Surrogate: Toluene-d8			*18.7*	*ug/L*	*20.0*		*93.6*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*18.0*	*ug/L*	*20.0*		*90.0*	*38.4-136*		
LCS (BXK0075-BS1)					Prepared & Analyzed: 11/14/2023					
Chloromethane	0.229		0.060	mg/kg wet	0.250		91.6	10-205		
Vinyl Chloride (SIM)	0.156		0.020	mg/kg wet	0.250		62.2	44.2-183		
Chloroethane	1.50	S3	0.060	mg/kg wet	0.250		599	12.4-218		
1,1-Dichloroethene	0.298		0.050	mg/kg wet	0.250		119	39.6-181		
trans-1,2-Dichloroethene	0.333		0.030	mg/kg wet	0.250		133	39.6-177		
1,1-Dichloroethane	0.313		0.030	mg/kg wet	0.250		125	24.1-182		
2,2-Dichloropropane	0.293		0.050	mg/kg wet	0.250		117	18.9-210		
cis-1,2-Dichloroethene	0.271		0.030	mg/kg wet	0.250		108	29.5-182		
Chloroform	0.292		0.030	mg/kg wet	0.250		117	53-168		
1,1,1-Trichloroethane (TCA)	0.281		0.030	mg/kg wet	0.250		112	10-228		
Carbon tetrachloride	0.277		0.030	mg/kg wet	0.250		111	44-185		
1,1-Dichloropropene	0.233		0.030	mg/kg wet	0.250		93.1	10-192		
1,2-Dichloroethane (EDC)	0.253		0.030	mg/kg wet	0.250		101	39.6-177		
Trichloroethene (SIM)	0.205		0.020	mg/kg wet	0.250		82.0	28.8-130		
1,2-Dichloropropane	0.248		0.030	mg/kg wet	0.250		99.2	43.7-140		
cis-1,3-Dichloropropene	0.216		0.030	mg/kg wet	0.250		86.2	38.5-134		
Trans-1,3-Dichloropropene	0.234		0.030	mg/kg wet	0.250		93.7	40.1-139		
1,1,2-Trichloroethane	0.242		0.030	mg/kg wet	0.250		97.0	42.7-171		
Tetrachloroethene (SIM)	0.237		0.020	mg/kg wet	0.250		94.8	30.4-159		
2-Chlorotoluene	0.232		0.040	mg/kg wet	0.250		92.8	35.8-131		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K069
Reported: 11/16/2023 15:45

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXK0075-BS1)					Prepared & Analyzed: 11/14/2023					
4-Chlorotoluene	0.232		0.040	mg/kg wet	0.250		93.0	37-131		
1,3-Dichlorobenzene	0.269		0.040	mg/kg wet	0.250		108	46.9-154		
1,4-Dichlorobenzene	0.251		0.040	mg/kg wet	0.250		100	50.6-146		
1,2-Dichlorobenzene	0.280		0.040	mg/kg wet	0.250		112	44.3-151		
Surrogate: Dibromofluoromethane			*21.2*	*ug/L*	*20.0*		*106*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*21.0*	*ug/L*	*20.0*		*105*	*32.2-196*		
Surrogate: Toluene-d8			*19.4*	*ug/L*	*20.0*		*97.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*20.3*	*ug/L*	*20.0*		*101*	*38.4-136*		
Duplicate (BXK0075-DUP1)		**Parent: L23K069-02**			Prepared & Analyzed: 11/14/2023					
Chloromethane	ND		0.044	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.015	mg/kg dry		ND				35
Chloroethane	ND		0.044	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.037	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.022	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.022	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.037	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.022	mg/kg dry		ND				35
Chloroform	ND		0.022	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.022	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.022	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.022	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.022	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.015	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.022	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.022	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.022	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.022	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.015	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.029	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.029	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.029	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.029	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.029	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*26.6*	*ug/L*	*20.0*		*133*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*26.7*	*ug/L*	*20.0*		*134*	*32.2-196*		
Surrogate: Toluene-d8			*17.8*	*ug/L*	*20.0*		*89.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*15.7*	*ug/L*	*20.0*		*78.4*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K069
Reported: 11/16/2023 15:45

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXK0075-MS1)		**Parent: L23K069-02**			Prepared & Analyzed: 11/14/2023					
Chloromethane	0.239		0.044	mg/kg dry	0.184	ND	130	10-229		
Vinyl Chloride (SIM)	0.145		0.015	mg/kg dry	0.184	ND	78.7	30.4-218		
Chloroethane	0.202		0.044	mg/kg dry	0.184	ND	110	10-194		
1,1-Dichloroethene	0.205		0.037	mg/kg dry	0.184	ND	111	44.2-190		
trans-1,2-Dichloroethene	0.221		0.022	mg/kg dry	0.184	ND	120	35.2-199		
1,1-Dichloroethane	0.207		0.022	mg/kg dry	0.184	ND	113	10-236		
2,2-Dichloropropane	0.259		0.037	mg/kg dry	0.184	ND	141	22.7-204		
cis-1,2-Dichloroethene	0.193		0.022	mg/kg dry	0.184	ND	105	36.9-180		
Chloroform	0.304		0.022	mg/kg dry	0.184	ND	165	54.4-176		
1,1,1-Trichloroethane (TCA)	0.286		0.022	mg/kg dry	0.184	ND	155	25.1-198		
Carbon tetrachloride	0.328		0.022	mg/kg dry	0.184	ND	178	14-216		
1,1-Dichloropropene	0.144		0.022	mg/kg dry	0.184	ND	78.5	42.3-147		
1,2-Dichloroethane (EDC)	0.262		0.022	mg/kg dry	0.184	ND	142	40.9-190		
Trichloroethene (SIM)	0.156		0.015	mg/kg dry	0.184	ND	85.0	43-151		
1,2-Dichloropropane	0.189		0.022	mg/kg dry	0.184	ND	103	48.4-166		
cis-1,3-Dichloropropene	0.123		0.022	mg/kg dry	0.184	ND	66.9	10-200		
Trans-1,3-Dichloropropene	0.153		0.022	mg/kg dry	0.184	ND	83.3	31.6-146		
1,1,2-Trichloroethane	0.247		0.022	mg/kg dry	0.184	ND	134	37.6-187		
Tetrachloroethene (SIM)	0.189		0.015	mg/kg dry	0.184	ND	103	48-141		
2-Chlorotoluene	0.109		0.029	mg/kg dry	0.184	ND	59.2	33.9-142		
4-Chlorotoluene	0.109		0.029	mg/kg dry	0.184	ND	59.2	15.2-163		
1,3-Dichlorobenzene	0.168		0.029	mg/kg dry	0.184	ND	91.3	49.8-152		
1,4-Dichlorobenzene	0.183		0.029	mg/kg dry	0.184	ND	99.2	52.9-141		
1,2-Dichlorobenzene	0.153		0.029	mg/kg dry	0.184	ND	82.9	45.2-158		
Surrogate: Dibromofluoromethane			*29.8*	*ug/L*	*20.0*		*149*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*31.2*	*ug/L*	*20.0*		*156*	*32.2-196*		
Surrogate: Toluene-d8			*18.4*	*ug/L*	*20.0*		*92.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*20.5*	*ug/L*	*20.0*		*103*	*38.4-136*		
Matrix Spike Dup (BXK0075-MSD1)		**Parent: L23K069-02**			Prepared & Analyzed: 11/14/2023					
Chloromethane	0.243		0.044	mg/kg dry	0.184	ND	132	10-229	1.62	35
Vinyl Chloride (SIM)	0.147		0.015	mg/kg dry	0.184	ND	79.8	30.4-218	1.34	35
Chloroethane	0.270		0.044	mg/kg dry	0.184	ND	147	10-194	28.7	35
1,1-Dichloroethene	0.235		0.037	mg/kg dry	0.184	ND	128	44.2-190	13.6	35
trans-1,2-Dichloroethene	0.219		0.022	mg/kg dry	0.184	ND	119	35.2-199	0.820	35
1,1-Dichloroethane	0.292		0.022	mg/kg dry	0.184	ND	159	10-236	34.1	35
2,2-Dichloropropane	0.257		0.037	mg/kg dry	0.184	ND	139	22.7-204	1.06	35
cis-1,2-Dichloroethene	0.195		0.022	mg/kg dry	0.184	ND	106	36.9-180	1.14	35
Chloroform	0.300		0.022	mg/kg dry	0.184	ND	163	54.4-176	1.43	35
1,1,1-Trichloroethane (TCA)	0.288		0.022	mg/kg dry	0.184	ND	156	25.1-198	0.718	35
Carbon tetrachloride	0.317		0.022	mg/kg dry	0.184	ND	172	14-216	3.61	35
1,1-Dichloropropene	0.138		0.022	mg/kg dry	0.184	ND	74.9	42.3-147	4.72	35
1,2-Dichloroethane (EDC)	0.238		0.022	mg/kg dry	0.184	ND	129	40.9-190	9.30	35
Trichloroethene (SIM)	0.158		0.015	mg/kg dry	0.184	ND	85.9	43-151	1.12	35
1,2-Dichloropropane	0.182		0.022	mg/kg dry	0.184	ND	99.1	48.4-166	3.76	35
cis-1,3-Dichloropropene	0.121		0.022	mg/kg dry	0.184	ND	65.5	10-200	2.21	35
Trans-1,3-Dichloropropene	0.137		0.022	mg/kg dry	0.184	ND	74.7	31.6-146	10.9	35
1,1,2-Trichloroethane	0.220		0.022	mg/kg dry	0.184	ND	120	37.6-187	11.6	35
Tetrachloroethene (SIM)	0.191		0.015	mg/kg dry	0.184	ND	104	48-141	1.08	35
2-Chlorotoluene	0.135		0.029	mg/kg dry	0.184	ND	73.4	33.9-142	21.5	35
4-Chlorotoluene	0.121		0.029	mg/kg dry	0.184	ND	65.9	15.2-163	10.6	35
1,3-Dichlorobenzene	0.196		0.029	mg/kg dry	0.184	ND	106	49.8-152	15.3	35

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K069
Reported: 11/16/2023 15:45

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXK0075-MSD1)		**Parent: L23K069-02**			Prepared & Analyzed: 11/14/2023					
1,4-Dichlorobenzene	0.199		0.029	mg/kg dry	0.184	ND	108	52.9-141	8.59	35
1,2-Dichlorobenzene	0.162		0.029	mg/kg dry	0.184	ND	88.1	45.2-158	6.13	35
Surrogate: Dibromofluoromethane			*29.0*	*ug/L*	*20.0*		*145*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*27.7*	*ug/L*	*20.0*		*138*	*32.2-196*		
Surrogate: Toluene-d8			*18.4*	*ug/L*	*20.0*		*92.0*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*19.2*	*ug/L*	*20.0*		*95.8*	*38.4-136*		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety.

Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K069
Reported: 11/16/2023 15:45

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXK0076 - Gen Chem										
LCS (BXK0076-BS1)					Prepared: 11/14/2023 Analyzed: 11/16/2023					
Moisture	17			%	17.0		101	90-115		

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Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

Phone (360) 352-2110 • libbyenv@gmail.com

November 16, 2023

Aimee Pennell
Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

RE: Sunset Commons
Work Order Number: L23K075

Enclosed are the results of analyses for samples received by our laboratory on 11/15/2023.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry Chilcutt
Senior Chemist

L23K015 BXK0085

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Chain of Custody Record

www.LibbyEnvironmental.c

Date: 11/15/23 Page: 1 of 1

Client: Whatcom Env. Project Manager: Aimee Pennell

Address: Project Name: Sunset Commons

City: State: Zip: Location: City, State: Bellingham, WA

Phone: Fax: Collector: Matt Roberts Date of Collection: 11/15/23

Client Project # Email:

Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 Chlorinated	PCE & Daughter Prod.	NWTPH-Gx	BTEX (8260) / (8021)	NWTPH-HCID	NWTPH-Dx / Dx	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	c PAH 8270	PAH 8270	Semi Vol 8270	Field Notes
1 SS-171 9ft	9	10:30	Soil	1 Jar, 2 Vials	X												
2 SS-172 9ft	9	10:45	↓	↓	X												
3 SS-173 16ft	16	1320	↓	↓	X												
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	

Relinquished by:	Date / Time	Received by:	Date / Time
Matt Roberts / [signature]	11/15/23 13:24	[signature]	11/15/23 1324
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:

ML

TAT: 1-Day 2-Day 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - Originator

Libby Environmental, Inc.

Whatcom Environmental Services 228 E. Champion Street, Suite 101 Bellingham, WA 98225	**Project:** Sunset Commons **Project Manager:** Aimee Pennell	**City/State:** Bellingham, WA **Work Order:** L23K075 **Reported:** 11/16/2023 16:22

Notes and Definitions

Item	Definition
S3	Outlying spike recovery observed (high bias). Analyte will be qualified with a ** if detected.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L23K075-01	SS-171 9ft	Soil	11/15/2023	11/15/2023
L23K075-02	SS-172 9ft	Soil	11/15/2023	11/15/2023
L23K075-03	SS-173 16ft	Soil	11/15/2023	11/15/2023

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K075
Reported: 11/16/2023 16:22

Sample Results

Client Sample ID: SS-171 9ft

Lab ID: L23K075-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	11/15/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/15/2023	PB
Chloroethane	ND		0.047	mg/kg dry	11/15/2023	PB
1,1-Dichloroethene	ND		0.040	mg/kg dry	11/15/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/15/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	11/15/2023	PB
2,2-Dichloropropane	ND		0.040	mg/kg dry	11/15/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/15/2023	PB
Chloroform	ND		0.024	mg/kg dry	11/15/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	11/15/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	11/15/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	11/15/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	11/15/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	11/15/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	11/15/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/15/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/15/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	11/15/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/15/2023	PB
2-Chlorotoluene	ND		0.032	mg/kg dry	11/15/2023	PB
4-Chlorotoluene	ND		0.032	mg/kg dry	11/15/2023	PB
1,3-Dichlorobenzene	ND		0.032	mg/kg dry	11/15/2023	PB
1,4-Dichlorobenzene	ND		0.032	mg/kg dry	11/15/2023	PB
1,2-Dichlorobenzene	ND		0.032	mg/kg dry	11/15/2023	PB
Surrogate: Dibromofluoromethane	*174%*		*22.9-220*		*11/15/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*187%*		*32.2-196*		*11/15/2023*	*PB*
Surrogate: Toluene-d8	*92.6%*		*47.3-146*		*11/15/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*74.8%*		*38.4-136*		*11/15/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	11/16/2023	ES

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K075
Reported: 11/16/2023 16:22

Sample Results (Continued)

Client Sample ID: SS-172 9ft

Lab ID: L23K075-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.047	mg/kg dry	11/15/2023	PB
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry	11/15/2023	PB
Chloroethane	ND		0.047	mg/kg dry	11/15/2023	PB
1,1-Dichloroethene	ND		0.039	mg/kg dry	11/15/2023	PB
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/15/2023	PB
1,1-Dichloroethane	ND		0.024	mg/kg dry	11/15/2023	PB
2,2-Dichloropropane	ND		0.039	mg/kg dry	11/15/2023	PB
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry	11/15/2023	PB
Chloroform	ND		0.024	mg/kg dry	11/15/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry	11/15/2023	PB
Carbon tetrachloride	ND		0.024	mg/kg dry	11/15/2023	PB
1,1-Dichloropropene	ND		0.024	mg/kg dry	11/15/2023	PB
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry	11/15/2023	PB
Trichloroethene (SIM)	ND		0.016	mg/kg dry	11/15/2023	PB
1,2-Dichloropropane	ND		0.024	mg/kg dry	11/15/2023	PB
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/15/2023	PB
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry	11/15/2023	PB
1,1,2-Trichloroethane	ND		0.024	mg/kg dry	11/15/2023	PB
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry	11/15/2023	PB
2-Chlorotoluene	ND		0.031	mg/kg dry	11/15/2023	PB
4-Chlorotoluene	ND		0.031	mg/kg dry	11/15/2023	PB
1,3-Dichlorobenzene	ND		0.031	mg/kg dry	11/15/2023	PB
1,4-Dichlorobenzene	ND		0.031	mg/kg dry	11/15/2023	PB
1,2-Dichlorobenzene	ND		0.031	mg/kg dry	11/15/2023	PB
Surrogate: Dibromofluoromethane	*159%*		*22.9-220*		*11/15/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*160%*		*32.2-196*		*11/15/2023*	*PB*
Surrogate: Toluene-d8	*86.4%*		*47.3-146*		*11/15/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*79.7%*		*38.4-136*		*11/15/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	16		0.50	%	11/16/2023	ES

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K075
Reported: 11/16/2023 16:22

Sample Results (Continued)

Client Sample ID: SS-173 16ft

Lab ID: L23K075-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Volatile Organic Compounds by EPA Method 8260D						
Chloromethane	ND		0.050	mg/kg dry	11/15/2023	PB
Vinyl Chloride (SIM)	ND		0.017	mg/kg dry	11/15/2023	PB
Chloroethane	ND		0.050	mg/kg dry	11/15/2023	PB
1,1-Dichloroethene	ND		0.042	mg/kg dry	11/15/2023	PB
trans-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/15/2023	PB
1,1-Dichloroethane	ND		0.025	mg/kg dry	11/15/2023	PB
2,2-Dichloropropane	ND		0.042	mg/kg dry	11/15/2023	PB
cis-1,2-Dichloroethene	ND		0.025	mg/kg dry	11/15/2023	PB
Chloroform	ND		0.025	mg/kg dry	11/15/2023	PB
1,1,1-Trichloroethane (TCA)	ND		0.025	mg/kg dry	11/15/2023	PB
Carbon tetrachloride	ND		0.025	mg/kg dry	11/15/2023	PB
1,1-Dichloropropene	ND		0.025	mg/kg dry	11/15/2023	PB
1,2-Dichloroethane (EDC)	ND		0.025	mg/kg dry	11/15/2023	PB
Trichloroethene (SIM)	ND		0.017	mg/kg dry	11/15/2023	PB
1,2-Dichloropropane	ND		0.025	mg/kg dry	11/15/2023	PB
cis-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/15/2023	PB
Trans-1,3-Dichloropropene	ND		0.025	mg/kg dry	11/15/2023	PB
1,1,2-Trichloroethane	ND		0.025	mg/kg dry	11/15/2023	PB
Tetrachloroethene (SIM)	ND		0.017	mg/kg dry	11/15/2023	PB
2-Chlorotoluene	ND		0.033	mg/kg dry	11/15/2023	PB
4-Chlorotoluene	ND		0.033	mg/kg dry	11/15/2023	PB
1,3-Dichlorobenzene	ND		0.033	mg/kg dry	11/15/2023	PB
1,4-Dichlorobenzene	ND		0.033	mg/kg dry	11/15/2023	PB
1,2-Dichlorobenzene	ND		0.033	mg/kg dry	11/15/2023	PB
Surrogate: Dibromofluoromethane	*148%*		*22.9-220*		*11/15/2023*	*PB*
Surrogate: 1,2-Dichloroethane-d4	*162%*		*32.2-196*		*11/15/2023*	*PB*
Surrogate: Toluene-d8	*87.6%*		*47.3-146*		*11/15/2023*	*PB*
Surrogate: 4-Bromofluorobenzene	*97.3%*		*38.4-136*		*11/15/2023*	*PB*
Moisture by ASTM D2216-19						
Moisture	18		0.50	%	11/16/2023	ES

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K075
Reported: 11/16/2023 16:22

Quality Control

Volatile Organic Compounds by EPA Method 8260D

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXK0085 - VOA										
Blank (BXK0085-BLK1)					Prepared & Analyzed: 11/15/2023					
Chloromethane	ND		0.060	mg/kg wet						
Vinyl Chloride (SIM)	ND		0.020	mg/kg wet						
Chloroethane	ND		0.060	mg/kg wet						
1,1-Dichloroethene	ND		0.050	mg/kg wet						
trans-1,2-Dichloroethene	ND		0.030	mg/kg wet						
1,1-Dichloroethane	ND		0.030	mg/kg wet						
2,2-Dichloropropane	ND		0.050	mg/kg wet						
cis-1,2-Dichloroethene	ND		0.030	mg/kg wet						
Chloroform	ND		0.030	mg/kg wet						
1,1,1-Trichloroethane (TCA)	ND		0.030	mg/kg wet						
Carbon tetrachloride	ND		0.030	mg/kg wet						
1,1-Dichloropropene	ND		0.030	mg/kg wet						
1,2-Dichloroethane (EDC)	ND		0.030	mg/kg wet						
Trichloroethene (SIM)	ND		0.020	mg/kg wet						
1,2-Dichloropropane	ND		0.030	mg/kg wet						
cis-1,3-Dichloropropene	ND		0.030	mg/kg wet						
Trans-1,3-Dichloropropene	ND		0.030	mg/kg wet						
1,1,2-Trichloroethane	ND		0.030	mg/kg wet						
Tetrachloroethene (SIM)	ND		0.020	mg/kg wet						
2-Chlorotoluene	ND		0.040	mg/kg wet						
4-Chlorotoluene	ND		0.040	mg/kg wet						
1,3-Dichlorobenzene	ND		0.040	mg/kg wet						
1,4-Dichlorobenzene	ND		0.040	mg/kg wet						
1,2-Dichlorobenzene	ND		0.040	mg/kg wet						
Surrogate: Dibromofluoromethane			*33.2*	*ug/L*	*20.0*		*166*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*33.2*	*ug/L*	*20.0*		*166*	*32.2-196*		
Surrogate: Toluene-d8			*18.7*	*ug/L*	*20.0*		*93.6*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*14.4*	*ug/L*	*20.0*		*71.9*	*38.4-136*		
LCS (BXK0085-BS1)					Prepared & Analyzed: 11/15/2023					
Chloromethane	0.301		0.060	mg/kg wet	0.250		120	10-205		
Vinyl Chloride (SIM)	0.180		0.020	mg/kg wet	0.250		71.8	44.2-183		
Chloroethane	1.10	S3	0.060	mg/kg wet	0.250		442	12.4-218		
1,1-Dichloroethene	0.378		0.050	mg/kg wet	0.250		151	39.6-181		
trans-1,2-Dichloroethene	0.376		0.030	mg/kg wet	0.250		150	39.6-177		
1,1-Dichloroethane	0.404		0.030	mg/kg wet	0.250		162	24.1-182		
2,2-Dichloropropane	0.375		0.050	mg/kg wet	0.250		150	18.9-210		
cis-1,2-Dichloroethene	0.265		0.030	mg/kg wet	0.250		106	29.5-182		
Chloroform	0.397		0.030	mg/kg wet	0.250		159	53-168		
1,1,1-Trichloroethane (TCA)	0.381		0.030	mg/kg wet	0.250		153	10-228		
Carbon tetrachloride	0.439		0.030	mg/kg wet	0.250		176	44-185		
1,1-Dichloropropene	0.193		0.030	mg/kg wet	0.250		77.2	10-192		
1,2-Dichloroethane (EDC)	0.302		0.030	mg/kg wet	0.250		121	39.6-177		
Trichloroethene (SIM)	0.212		0.020	mg/kg wet	0.250		84.9	28.8-130		
1,2-Dichloropropane	0.278		0.030	mg/kg wet	0.250		111	43.7-140		
cis-1,3-Dichloropropene	0.169		0.030	mg/kg wet	0.250		67.6	38.5-134		
Trans-1,3-Dichloropropene	0.195		0.030	mg/kg wet	0.250		77.9	40.1-139		
1,1,2-Trichloroethane	0.265		0.030	mg/kg wet	0.250		106	42.7-171		
Tetrachloroethene (SIM)	0.272		0.020	mg/kg wet	0.250		109	30.4-159		
2-Chlorotoluene	0.194		0.040	mg/kg wet	0.250		77.4	35.8-131		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K075
Reported: 11/16/2023 16:22

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
LCS (BXK0085-BS1)					Prepared & Analyzed: 11/15/2023					
4-Chlorotoluene	0.175		0.040	mg/kg wet	0.250		70.0	37-131		
1,3-Dichlorobenzene	0.267		0.040	mg/kg wet	0.250		107	46.9-154		
1,4-Dichlorobenzene	0.286		0.040	mg/kg wet	0.250		114	50.6-146		
1,2-Dichlorobenzene	0.250		0.040	mg/kg wet	0.250		99.9	44.3-151		
Surrogate: Dibromofluoromethane			*26.6*	*ug/L*	*20.0*		*133*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*24.4*	*ug/L*	*20.0*		*122*	*32.2-196*		
Surrogate: Toluene-d8			*18.6*	*ug/L*	*20.0*		*92.8*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*18.5*	*ug/L*	*20.0*		*92.4*	*38.4-136*		
Duplicate (BXK0085-DUP1)		**Parent: L23K075-02**			Prepared & Analyzed: 11/15/2023					
Chloromethane	ND		0.047	mg/kg dry		ND				35
Vinyl Chloride (SIM)	ND		0.016	mg/kg dry		ND				35
Chloroethane	ND		0.047	mg/kg dry		ND				35
1,1-Dichloroethene	ND		0.039	mg/kg dry		ND				35
trans-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
1,1-Dichloroethane	ND		0.024	mg/kg dry		ND				35
2,2-Dichloropropane	ND		0.039	mg/kg dry		ND				35
cis-1,2-Dichloroethene	ND		0.024	mg/kg dry		ND				35
Chloroform	ND		0.024	mg/kg dry		ND				35
1,1,1-Trichloroethane (TCA)	ND		0.024	mg/kg dry		ND				35
Carbon tetrachloride	ND		0.024	mg/kg dry		ND				35
1,1-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,2-Dichloroethane (EDC)	ND		0.024	mg/kg dry		ND				35
Trichloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
1,2-Dichloropropane	ND		0.024	mg/kg dry		ND				35
cis-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
Trans-1,3-Dichloropropene	ND		0.024	mg/kg dry		ND				35
1,1,2-Trichloroethane	ND		0.024	mg/kg dry		ND				35
Tetrachloroethene (SIM)	ND		0.016	mg/kg dry		ND				35
2-Chlorotoluene	ND		0.031	mg/kg dry		ND				35
4-Chlorotoluene	ND		0.031	mg/kg dry		ND				35
1,3-Dichlorobenzene	ND		0.031	mg/kg dry		ND				35
1,4-Dichlorobenzene	ND		0.031	mg/kg dry		ND				35
1,2-Dichlorobenzene	ND		0.031	mg/kg dry		ND				35
Surrogate: Dibromofluoromethane			*24.6*	*ug/L*	*20.0*		*123*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*33.2*	*ug/L*	*20.0*		*166*	*32.2-196*		
Surrogate: Toluene-d8			*17.0*	*ug/L*	*20.0*		*85.2*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*16.4*	*ug/L*	*20.0*		*82.2*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K075
Reported: 11/16/2023 16:22

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike (BXK0085-MS1)		**Parent: L23K075-02**			Prepared & Analyzed: 11/15/2023					
Chloromethane	0.237		0.047	mg/kg dry	0.196	ND	121	10-229		
Vinyl Chloride (SIM)	0.157		0.016	mg/kg dry	0.196	ND	80.0	30.4-218		
Chloroethane	0.169		0.047	mg/kg dry	0.196	ND	86.0	10-194		
1,1-Dichloroethene	0.213		0.039	mg/kg dry	0.196	ND	108	44.2-190		
trans-1,2-Dichloroethene	0.241		0.024	mg/kg dry	0.196	ND	123	35.2-199		
1,1-Dichloroethane	0.255		0.024	mg/kg dry	0.196	ND	130	10-236		
2,2-Dichloropropane	0.275		0.039	mg/kg dry	0.196	ND	140	22.7-204		
cis-1,2-Dichloroethene	0.216		0.024	mg/kg dry	0.196	ND	110	36.9-180		
Chloroform	0.265		0.024	mg/kg dry	0.196	ND	135	54.4-176		
1,1,1-Trichloroethane (TCA)	0.259		0.024	mg/kg dry	0.196	ND	132	25.1-198		
Carbon tetrachloride	0.278		0.024	mg/kg dry	0.196	ND	142	14-216		
1,1-Dichloropropene	0.182		0.024	mg/kg dry	0.196	ND	92.8	42.3-147		
1,2-Dichloroethane (EDC)	0.283		0.024	mg/kg dry	0.196	ND	144	40.9-190		
Trichloroethene (SIM)	0.169		0.016	mg/kg dry	0.196	ND	86.2	43-151		
1,2-Dichloropropane	0.193		0.024	mg/kg dry	0.196	ND	98.2	48.4-166		
cis-1,3-Dichloropropene	0.143		0.024	mg/kg dry	0.196	ND	72.6	10-200		
Trans-1,3-Dichloropropene	0.180		0.024	mg/kg dry	0.196	ND	91.7	31.6-146		
1,1,2-Trichloroethane	0.295		0.024	mg/kg dry	0.196	ND	150	37.6-187		
Tetrachloroethene (SIM)	0.181		0.016	mg/kg dry	0.196	ND	92.2	48-141		
2-Chlorotoluene	0.134		0.031	mg/kg dry	0.196	ND	68.5	33.9-142		
4-Chlorotoluene	0.121		0.031	mg/kg dry	0.196	ND	61.5	15.2-163		
1,3-Dichlorobenzene	0.193		0.031	mg/kg dry	0.196	ND	98.3	49.8-152		
1,4-Dichlorobenzene	0.218		0.031	mg/kg dry	0.196	ND	111	52.9-141		
1,2-Dichlorobenzene	0.188		0.031	mg/kg dry	0.196	ND	95.8	45.2-158		
Surrogate: Dibromofluoromethane			*25.3*	*ug/L*	*20.0*		*127*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.8*	*ug/L*	*20.0*		*149*	*32.2-196*		
Surrogate: Toluene-d8			*18.0*	*ug/L*	*20.0*		*89.9*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*20.8*	*ug/L*	*20.0*		*104*	*38.4-136*		
Matrix Spike Dup (BXK0085-MSD1)		**Parent: L23K075-02**			Prepared & Analyzed: 11/15/2023					
Chloromethane	0.220		0.047	mg/kg dry	0.196	ND	112	10-229	7.32	35
Vinyl Chloride (SIM)	0.147		0.016	mg/kg dry	0.196	ND	74.8	30.4-218	6.74	35
Chloroethane	0.195		0.047	mg/kg dry	0.196	ND	99.4	10-194	14.4	35
1,1-Dichloroethene	0.229		0.039	mg/kg dry	0.196	ND	117	44.2-190	7.48	35
trans-1,2-Dichloroethene	0.244		0.024	mg/kg dry	0.196	ND	124	35.2-199	1.05	35
1,1-Dichloroethane	0.246		0.024	mg/kg dry	0.196	ND	125	10-236	3.81	35
2,2-Dichloropropane	0.267		0.039	mg/kg dry	0.196	ND	136	22.7-204	2.88	35
cis-1,2-Dichloroethene	0.206		0.024	mg/kg dry	0.196	ND	105	36.9-180	4.92	35
Chloroform	0.243		0.024	mg/kg dry	0.196	ND	124	54.4-176	8.87	35
1,1,1-Trichloroethane (TCA)	0.264		0.024	mg/kg dry	0.196	ND	134	25.1-198	1.82	35
Carbon tetrachloride	0.282		0.024	mg/kg dry	0.196	ND	144	14-216	1.42	35
1,1-Dichloropropene	0.167		0.024	mg/kg dry	0.196	ND	85.0	42.3-147	8.77	35
1,2-Dichloroethane (EDC)	0.271		0.024	mg/kg dry	0.196	ND	138	40.9-190	4.29	35
Trichloroethene (SIM)	0.159		0.016	mg/kg dry	0.196	ND	80.9	43-151	6.36	35
1,2-Dichloropropane	0.209		0.024	mg/kg dry	0.196	ND	106	48.4-166	7.87	35
cis-1,3-Dichloropropene	0.134		0.024	mg/kg dry	0.196	ND	68.1	10-200	6.36	35
Trans-1,3-Dichloropropene	0.167		0.024	mg/kg dry	0.196	ND	84.9	31.6-146	7.72	35
1,1,2-Trichloroethane	0.255		0.024	mg/kg dry	0.196	ND	130	37.6-187	14.6	35
Tetrachloroethene (SIM)	0.190		0.016	mg/kg dry	0.196	ND	96.6	48-141	4.64	35
2-Chlorotoluene	0.131		0.031	mg/kg dry	0.196	ND	66.5	33.9-142	2.96	35
4-Chlorotoluene	0.121		0.031	mg/kg dry	0.196	ND	61.5	15.2-163	0.0650	35
1,3-Dichlorobenzene	0.197		0.031	mg/kg dry	0.196	ND	100	49.8-152	2.05	35

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K075
Reported: 11/16/2023 16:22

Quality Control
(Continued)

Volatile Organic Compounds by EPA Method 8260D (Continued)

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Matrix Spike Dup (BXK0085-MSD1)		**Parent: L23K075-02**			Prepared & Analyzed: 11/15/2023					
1,4-Dichlorobenzene	0.210		0.031	mg/kg dry	0.196	ND	107	52.9-141	3.75	35
1,2-Dichlorobenzene	0.179		0.031	mg/kg dry	0.196	ND	90.9	45.2-158	5.18	35
Surrogate: Dibromofluoromethane			*25.1*	*ug/L*	*20.0*		*126*	*22.9-220*		
Surrogate: 1,2-Dichloroethane-d4			*29.2*	*ug/L*	*20.0*		*146*	*32.2-196*		
Surrogate: Toluene-d8			*18.6*	*ug/L*	*20.0*		*93.1*	*47.3-146*		
Surrogate: 4-Bromofluorobenzene			*21.2*	*ug/L*	*20.0*		*106*	*38.4-136*		

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Whatcom Environmental Services
228 E. Champion Street, Suite 101
Bellingham, WA 98225

Project: Sunset Commons

Project Manager: Aimee Pennell

City/State: Bellingham, WA
Work Order: L23K075
Reported: 11/16/2023 16:22

Quality Control
(Continued)

Moisture by ASTM D2216-19

Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BXK0086 - Gen Chem										
LCS (BXK0086-BS1)					Prepared: 11/15/2023 Analyzed: 11/16/2023					
Moisture	17			%	17.0		98.8	90-115		

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APPENDIX H -
GROUNDWATER LABORATORY ANLYTICAL DATA REPORTS

October 19, 2022

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On October 7th, 9 samples were received by our laboratory and assigned our laboratory project number EV22100039. The project was identified as your Sunset Commons . The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/19/2022 EV22100039 EV22100039-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 8:35:00 AM
CLIENT SAMPLE ID	B-1 water	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	10/10/2022	KLS
Benzene	EPA-8021	U	1.0	1	UG/L	10/10/2022	KLS
Toluene	EPA-8021	U	1.0	1	UG/L	10/10/2022	KLS
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	10/10/2022	KLS
Xylenes	EPA-8021	U	3.0	1	UG/L	10/10/2022	KLS
TPH-Diesel Range	NWTPH-DX	**350**	240	1	UG/L	10/14/2022	DHM
TPH-Oil Range	NWTPH-DX	U, F1	500	1	UG/L	10/14/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**101**	10/10/2022	KLS
TFT	EPA-8021	**92.4**	10/10/2022	KLS
C25	NWTPH-DX	**103**	10/14/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
F1 - Reporting limit for compound raised due to low sample amount.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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ALS Group USA, Corp dba ALS Environmental

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/19/2022 EV22100039 EV22100039-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 9:00:00 AM
CLIENT SAMPLE ID	B-2 water	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	10/10/2022	KLS
Benzene	EPA-8021	U	1.0	1	UG/L	10/10/2022	KLS
Toluene	EPA-8021	U	1.0	1	UG/L	10/10/2022	KLS
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	10/10/2022	KLS
Xylenes	EPA-8021	U	3.0	1	UG/L	10/10/2022	KLS
TPH-Diesel Range	NWTPH-DX	**190**	130	1	UG/L	10/14/2022	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/14/2022	DHM
Lead (Dissolved)	EPA-200.8	**1.5**	1.0	1	UG/L	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**101**	10/10/2022	KLS
TFT	EPA-8021	**91.9**	10/10/2022	KLS
C25	NWTPH-DX	**102**	10/14/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/19/2022 EV22100039 EV22100039-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 9:40:00 AM
CLIENT SAMPLE ID	B-3 water	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	10/10/2022	KLS
Benzene	EPA-8021	U	1.0	1	UG/L	10/10/2022	KLS
Toluene	EPA-8021	U	1.0	1	UG/L	10/10/2022	KLS
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	10/10/2022	KLS
Xylenes	EPA-8021	U	3.0	1	UG/L	10/10/2022	KLS
TPH-Diesel Range	NWTPH-DX	**460**	160	1	UG/L	10/14/2022	DHM
TPH-Oil Range	NWTPH-DX	U, F1	330	1	UG/L	10/14/2022	DHM

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**103**	10/10/2022	KLS
TFT	EPA-8021	**92.9**	10/10/2022	KLS
C25	NWTPH-DX	**93.5**	10/14/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
F1 - Reporting limit for compound raised due to low sample amount.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/19/2022 EV22100039 EV22100039-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 10:10:00 AM
CLIENT SAMPLE ID	B-4 water	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	10/10/2022	KLS
Benzene	EPA-8021	U	1.0	1	UG/L	10/10/2022	KLS
Toluene	EPA-8021	U	1.0	1	UG/L	10/10/2022	KLS
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	10/10/2022	KLS
Xylenes	EPA-8021	U	3.0	1	UG/L	10/10/2022	KLS
TPH-Diesel Range	NWTPH-DX	**160**	130	1	UG/L	10/14/2022	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/14/2022	DHM
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**101**	10/10/2022	KLS
TFT	EPA-8021	**91.2**	10/10/2022	KLS
C25	NWTPH-DX	**95.0**	10/14/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/19/2022 EV22100039 EV22100039-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 2:30:00 PM
CLIENT SAMPLE ID	B-5 water	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	10/10/2022	KLS
Benzene	EPA-8021	U	1.0	1	UG/L	10/10/2022	KLS
Toluene	EPA-8021	U	1.0	1	UG/L	10/10/2022	KLS
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	10/10/2022	KLS
Xylenes	EPA-8021	U	3.0	1	UG/L	10/10/2022	KLS
Lead (Dissolved)	EPA-200.8	**1.3**	1.0	1	UG/L	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**103**	10/10/2022	KLS
TFT	EPA-8021	**93.7**	10/10/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/19/2022 EV22100039 EV22100039-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/6/2022 3:00:00 PM
CLIENT SAMPLE ID	Extraction Sump	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR		UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1		UG/L	10/10/2022	KLS
Benzene	EPA-8021	U	1.0	1		UG/L	10/10/2022	KLS
Toluene	EPA-8021	U	1.0	1		UG/L	10/10/2022	KLS
Ethylbenzene	EPA-8021	U	1.0	1		UG/L	10/10/2022	KLS
Xylenes	EPA-8021	U	3.0	1		UG/L	10/10/2022	KLS
TPH-Diesel Range	NWTPH-DX	**130**	130	1		UG/L	10/14/2022	DHM
TPH-Oil Range	NWTPH-DX	U	250	1		UG/L	10/14/2022	DHM
A-BHC	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
G-BHC	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
B-BHC	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
Heptachlor	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
D-BHC	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
Aldrin	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
Heptachlor Epoxide	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
Chlordane	EPA-8081	U, HT03	0.10	1		UG/L	10/18/2022	JMK
Endosulfan I	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
4,4'-DDE	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
Dieldrin	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
Endrin	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
4,4'-DDD	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
Endosulfan II	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
4,4'-DDT	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
Endrin Aldehyde	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
Endosulfan Sulfate	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
Methoxychlor	EPA-8081	U, HT03	0.050	1		UG/L	10/18/2022	JMK
Toxaphene	EPA-8081	U, HT03	2.0	1		UG/L	10/18/2022	JMK
Lead (Dissolved)	EPA-200.8	U	1.0	1		UG/L	10/12/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**101**	10/10/2022	KLS
TFT	EPA-8021	**93.8**	10/10/2022	KLS
C25	NWTPH-DX	**94.6**	10/14/2022	DHM
TCMX	EPA-8081	**105**	10/18/2022	JMK
DCB	EPA-8081	**104**	10/18/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.
HT03 -Sample extracted outside of the holding time due to laboratory error. Sample results should be considered estimated. Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
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Environmental www.alsglobal.com
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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/19/2022 EV22100039 EV22100039-07
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/7/2022 8:20:00 AM
CLIENT SAMPLE ID	B-1 Water2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	10/12/2022	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/19/2022 EV22100039 EV22100039-08
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/7/2022 8:40:00 AM
CLIENT SAMPLE ID	B-3 Water2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Lead (Dissolved)	EPA-200.8	**4.4**	1.0	1	UG/L	10/12/2022	EBS

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	10/19/2022 EV22100039 EV22100039-09
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	10/07/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	10/7/2022 8:50:00 AM
CLIENT SAMPLE ID	B-5 Water2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**1000**	240	1	UG/L	10/14/2022	DHM
TPH-Oil Range	NWTPH-DX	**530**	250	1	UG/L	10/14/2022	DHM
Turbidity	EPA-180.1	**6.3**	0.30	1	NTU	10/07/2022	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**95.0**	10/14/2022	DHM

Chromatogram indicates that it is likely that sample contains an unidentified diesel range product and an unidentified oil range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/19/2022
		ALS SDG#:	EV22100039
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-101022W - Batch 184600 - Water by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	UG/L	50	10/10/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101022W - Batch 184600 - Water by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	UG/L	1.0	10/10/2022	KLS
Toluene	EPA-8021	U	UG/L	1.0	10/10/2022	KLS
Ethylbenzene	EPA-8021	U	UG/L	1.0	10/10/2022	KLS
Xylenes	EPA-8021	U	UG/L	3.0	10/10/2022	KLS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101322W - Batch 184859 - Water by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	UG/L	130	10/14/2022	DHM
TPH-Oil Range	NWTPH-DX	U	UG/L	250	10/14/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101722W - Batch 185021 - Water by EPA-8081

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
A-BHC	EPA-8081	U	UG/L	0.050	10/18/2022	JMK
G-BHC	EPA-8081	U	UG/L	0.050	10/18/2022	JMK
B-BHC	EPA-8081	U	UG/L	0.050	10/18/2022	JMK
Heptachlor	EPA-8081	U	UG/L	0.050	10/18/2022	JMK
D-BHC	EPA-8081	U	UG/L	0.050	10/18/2022	JMK
Aldrin	EPA-8081	U	UG/L	0.050	10/18/2022	JMK
Heptachlor Epoxide	EPA-8081	U	UG/L	0.050	10/18/2022	JMK
Chlordane	EPA-8081	U	UG/L	0.10	10/18/2022	JMK
Endosulfan I	EPA-8081	U	UG/L	0.050	10/18/2022	JMK
4,4'-DDE	EPA-8081	U	UG/L	0.050	10/18/2022	JMK
Dieldrin	EPA-8081	U	UG/L	0.050	10/18/2022	JMK
Endrin	EPA-8081	U	UG/L	0.050	10/18/2022	JMK
4,4'-DDD	EPA-8081	U	UG/L	0.050	10/18/2022	JMK
Endosulfan II	EPA-8081	U	UG/L	0.050	10/18/2022	JMK
4,4'-DDT	EPA-8081	U	UG/L	0.050	10/18/2022	JMK
Endrin Aldehyde	EPA-8081	U	UG/L	0.050	10/18/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/19/2022
		ALS SDG#:	EV22100039
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-101722W - Batch 185021 - Water by EPA-8081

Endosulfan Sulfate	EPA-8081	U	UG/L	0.050	10/18/2022	JMK
Methoxychlor	EPA-8081	U	UG/L	0.050	10/18/2022	JMK
Toxaphene	EPA-8081	U	UG/L	2.0	10/18/2022	JMK

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R418954 - Batch R418954 - Water by EPA-180.1

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Turbidity	EPA-180.1	U	NTU	0.50	10/07/2022	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

MB-101122W - Batch 184680 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead (Dissolved)	EPA-200.8	U	UG/L	1.0	10/12/2022	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 10/19/2022
ALS SDG#: EV22100039
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 184600 - Water by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**102**			66.5	122.7	10/10/2022	KLS
TPH-Volatile Range - BSD	NWTPH-GX	**105**	**3**		66.5	122.7	10/10/2022	KLS

ALS Test Batch ID: 184600 - Water by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**95.2**			83	120	10/10/2022	KLS
Benzene - BSD	EPA-8021	**94.9**	**0**		83	120	10/10/2022	KLS
Toluene - BS	EPA-8021	**92.0**			85	115	10/10/2022	KLS
Toluene - BSD	EPA-8021	**91.9**	**0**		85	115	10/10/2022	KLS
Ethylbenzene - BS	EPA-8021	**90.7**			85	113	10/10/2022	KLS
Ethylbenzene - BSD	EPA-8021	**90.4**	**0**		85	113	10/10/2022	KLS
Xylenes - BS	EPA-8021	**92.0**			85	116	10/10/2022	KLS
Xylenes - BSD	EPA-8021	**91.9**	**0**		85	116	10/10/2022	KLS

ALS Test Batch ID: 184859 - Water by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**83.5**			67	125.2	10/14/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**92.9**	**11**		67	125.2	10/14/2022	DHM

ALS Test Batch ID: 185021 - Water by EPA-8081

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
A-BHC - BS	EPA-8081	**98.6**			50	150	10/18/2022	JMK
A-BHC - BSD	EPA-8081	**107**	**8**		50	150	10/18/2022	JMK
G-BHC - BS	EPA-8081	**95.9**			50	158	10/18/2022	JMK
G-BHC - BSD	EPA-8081	**101**	**5**		50	158	10/18/2022	JMK
B-BHC - BS	EPA-8081	**87.2**			50	150	10/18/2022	JMK
B-BHC - BSD	EPA-8081	**95.7**	**9**		50	150	10/18/2022	JMK
Heptachlor - BS	EPA-8081	**85.2**			50	134	10/18/2022	JMK
Heptachlor - BSD	EPA-8081	**95.0**	**11**		50	134	10/18/2022	JMK
D-BHC - BS	EPA-8081	**95.3**			50	150	10/18/2022	JMK
D-BHC - BSD	EPA-8081	**105**	**9**		50	150	10/18/2022	JMK
Aldrin - BS	EPA-8081	**74.7**			50	137	10/18/2022	JMK
Aldrin - BSD	EPA-8081	**81.9**	**9**		50	137	10/18/2022	JMK
Heptachlor Epoxide - BS	EPA-8081	**94.1**			50	150	10/18/2022	JMK
Heptachlor Epoxide - BSD	EPA-8081	**102**	**8**		50	150	10/18/2022	JMK
Chlordane - BS	EPA-8081	**88.6**			50	150	10/18/2022	JMK

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	10/19/2022
		ALS SDG#:	EV22100039
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Chlordane - BSD	EPA-8081	**96.6**	**9**		50	150	10/18/2022	JMK
Endosulfan I - BS	EPA-8081	**93.3**			50	150	10/18/2022	JMK
Endosulfan I - BSD	EPA-8081	**101**	**8**		50	150	10/18/2022	JMK
4,4'-DDE - BS	EPA-8081	**92.0**			50	150	10/18/2022	JMK
4,4'-DDE - BSD	EPA-8081	**102**	**10**		50	150	10/18/2022	JMK
Dieldrin - BS	EPA-8081	**97.3**			50	137	10/18/2022	JMK
Dieldrin - BSD	EPA-8081	**106**	**9**		50	137	10/18/2022	JMK
Endrin - BS	EPA-8081	**104**			50	134	10/18/2022	JMK
Endrin - BSD	EPA-8081	**117**	**12**		50	134	10/18/2022	JMK
4,4'-DDD - BS	EPA-8081	**99.4**			50	150	10/18/2022	JMK
4,4'-DDD - BSD	EPA-8081	**110**	**10**		50	150	10/18/2022	JMK
Endosulfan II - BS	EPA-8081	**94.9**			50	150	10/18/2022	JMK
Endosulfan II - BSD	EPA-8081	**105**	**10**		50	150	10/18/2022	JMK
4,4'-DDT - BS	EPA-8081	**93.2**			59	149	10/18/2022	JMK
4,4'-DDT - BSD	EPA-8081	**115**	**21**	SR1	59	149	10/18/2022	JMK
Endrin Aldehyde - BS	EPA-8081	**80.9**			50	150	10/18/2022	JMK
Endrin Aldehyde - BSD	EPA-8081	**88.3**	**9**		50	150	10/18/2022	JMK
Endosulfan Sulfate - BS	EPA-8081	**97.4**			50	150	10/18/2022	JMK
Endosulfan Sulfate - BSD	EPA-8081	**112**	**14**		50	150	10/18/2022	JMK
Methoxychlor - BS	EPA-8081	**92.0**			50	150	10/18/2022	JMK
Methoxychlor - BSD	EPA-8081	**115**	**23**		50	150	10/18/2022	JMK

SR1 - RPD outside of control limits.

ALS Test Batch ID: 184680 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead (Dissolved) - BS	EPA-200.8	**102**			87.5	107	10/12/2022	EBS
Lead (Dissolved) - BSD	EPA-200.8	**102**	**0**		87.5	107	10/12/2022	EBS

APPROVED BY

Laboratory Director

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Chain of Custody

Ev2210039

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.:

Date: 10/7/2022 **P. 1 of 1**

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	360-752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**					
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):					
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice	
Cooler Custody Seals:	Yes	No	N/A	Total Containers:	

REQUESTED ANALYSIS

TAT

- [x] Routine 10 Day
- [ ] 24 hours * 100%
- [ ] 48 hours* 80%
- [ ] 3 Day* 60%
- [ ] 5 day* 50%

* Please call for availability

Due Date:

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Metals - Lead (Pb) - dissolved*	Naphthalenes (8270SIM)	cPAHs (8270SIM)	PCBs (8082 MOD)	Halogenated Volatiles (8260)	Pesticides (608/8081)	Turbidity	Comments
B-1 water	water	10/6/22	08:35	1	3	X	X	X								Only able to fill partial Dx bottle
B-2 water	water	10/6/22	09:00	2	4	X	X	X	X							
B-3 water	water	10/6/22	09:40	3	3	X	X	X								Only able to fill partial Dx bottle
B-4 water	water	10/6/22	10:10	4	3	X	X	X	X							
B-5 water	water	10/6/22	14:30	5	3	X	X		X							Only able to fill partial poly bottle
Extraction Sump	water	10/6/22	15:00	6	5	X	X	X	X					X		
B-1 Water2	water	10/7/22	8:20	7	1				X							
B-3 Water2	water	10/7/22	8:40	8	1				X							
B-5 Water2	water	10/7/22	8:50	9	1			X							X	250ml Amber w/o preservative
																* metals samples were field filtered

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Ava Gemple		10/7/22 13:10	Meg Houghton		10-7-22 1:10

Revised : 10/7/2022

December 28, 2022

Mr. Harold Cashman
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Cashman,

On December 14th, 6 samples were received by our laboratory and assigned our laboratory project number EV22120088. The project was identified as your Sunset Commons. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Glen Perry
Laboratory Director

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ALS Group USA, Corp dba ALS Environmental

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/28/2022 EV22120088 EV22120088-01
CLIENT CONTACT:	Harold Cashman	DATE RECEIVED:	12/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/13/2022 12:20:00 PM
CLIENT SAMPLE ID	MW-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	12/14/2022	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	12/14/2022	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	12/14/2022	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	12/14/2022	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	12/14/2022	DLC
TPH-Diesel Range	NWTPH-DX	**150**	130	1	UG/L	12/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	12/23/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	12/15/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/15/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/15/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/28/2022 EV22120088 EV22120088-01
CLIENT CONTACT:	Harold Cashman	DATE RECEIVED:	12/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/13/2022 12:20:00 PM
CLIENT SAMPLE ID	MW-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bromoform	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/15/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Naphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Chrysene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	12/19/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**102**	12/14/2022	DLC
TFT	EPA-8021	**95.7**	12/14/2022	DLC
C25	NWTPH-DX	**88.8**	12/23/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**93.5**	12/15/2022	DLC
4-Bromofluorobenzene	EPA-8260	**96.6**	12/15/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**86.2**	12/16/2022	GAP

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/28/2022 EV22120088 EV22120088-02
CLIENT CONTACT:	Harold Cashman	DATE RECEIVED:	12/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/13/2022 10:40:00 AM
CLIENT SAMPLE ID	MW-2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	12/15/2022	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	12/15/2022	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	12/15/2022	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	12/15/2022	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	12/15/2022	DLC
TPH-Diesel Range	NWTPH-DX	**240**	130	1	UG/L	12/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	12/23/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	12/15/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/15/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/15/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/28/2022 EV22120088 EV22120088-02
CLIENT CONTACT:	Harold Cashman	DATE RECEIVED:	12/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/13/2022 10:40:00 AM
CLIENT SAMPLE ID	MW-2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/15/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Naphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Chrysene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	12/19/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**104**	12/15/2022	DLC
TFT	EPA-8021	**97.1**	12/15/2022	DLC
C25	NWTPH-DX	**82.7**	12/23/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**94.5**	12/15/2022	DLC
4-Bromofluorobenzene	EPA-8260	**97.2**	12/15/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**79.2**	12/16/2022	GAP

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/28/2022 EV22120088 EV22120088-03
CLIENT CONTACT:	Harold Cashman	DATE RECEIVED:	12/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/13/2022 1:40:00 PM
CLIENT SAMPLE ID	MW-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	12/15/2022	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	12/15/2022	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	12/15/2022	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	12/15/2022	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	12/15/2022	DLC
TPH-Diesel Range	NWTPH-DX	**310**	130	1	UG/L	12/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	12/23/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	12/15/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/15/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/15/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/28/2022 EV22120088 EV22120088-03
CLIENT CONTACT:	Harold Cashman	DATE RECEIVED:	12/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/13/2022 1:40:00 PM
CLIENT SAMPLE ID	MW-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/15/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/15/2022	DLC
Naphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Chrysene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	12/19/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**104**	12/15/2022	DLC
TFT	EPA-8021	**96.4**	12/15/2022	DLC
C25	NWTPH-DX	**89.9**	12/23/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**94.7**	12/15/2022	DLC
4-Bromofluorobenzene	EPA-8260	**99.2**	12/15/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**79.3**	12/16/2022	GAP

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/28/2022 EV22120088 EV22120088-04
CLIENT CONTACT:	Harold Cashman	DATE RECEIVED:	12/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/13/2022 3:00:00 PM
CLIENT SAMPLE ID	MW-4	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	**50**	50	1	UG/L	12/15/2022	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	12/15/2022	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	12/15/2022	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	12/15/2022	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	12/15/2022	DLC
TPH-Diesel Range	NWTPH-DX	**200**	130	1	UG/L	12/19/2022	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	12/19/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	12/16/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/16/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/16/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/28/2022 EV22120088 EV22120088-04
CLIENT CONTACT:	Harold Cashman	DATE RECEIVED:	12/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/13/2022 3:00:00 PM
CLIENT SAMPLE ID	MW-4	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/16/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Naphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Chrysene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Lead (Dissolved)	EPA-200.8	**4.8**	1.0	1	UG/L	12/19/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**100**	12/15/2022	DLC
TFT	EPA-8021	**92.0**	12/15/2022	DLC
C25	NWTPH-DX	**86.1**	12/19/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**93.0**	12/16/2022	DLC
4-Bromofluorobenzene	EPA-8260	**98.4**	12/16/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**81.4**	12/16/2022	GAP

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.
Gasoline range results primarily due to one or more individual peaks eluting in the gas range.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/28/2022 EV22120088 EV22120088-05
CLIENT CONTACT:	Harold Cashman	DATE RECEIVED:	12/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/13/2022 9:00:00 AM
CLIENT SAMPLE ID	WES-DUP-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	12/15/2022	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	12/15/2022	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	12/15/2022	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	12/15/2022	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	12/15/2022	DLC
TPH-Diesel Range	NWTPH-DX	**320**	130	1	UG/L	12/19/2022	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	12/19/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	12/16/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/16/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/16/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/28/2022 EV22120088 EV22120088-05
CLIENT CONTACT:	Harold Cashman	DATE RECEIVED:	12/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/13/2022 9:00:00 AM
CLIENT SAMPLE ID	WES-DUP-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/16/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Naphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Chrysene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	12/19/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**100**	12/15/2022	DLC
TFT	EPA-8021	**92.1**	12/15/2022	DLC
C25	NWTPH-DX	**80.6**	12/19/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**94.6**	12/16/2022	DLC
4-Bromofluorobenzene	EPA-8260	**96.5**	12/16/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**81.4**	12/16/2022	GAP

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/28/2022 EV22120088 EV22120088-06
CLIENT CONTACT:	Harold Cashman	DATE RECEIVED:	12/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/13/2022 9:30:00 AM
CLIENT SAMPLE ID	WES-FEB-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	12/15/2022	DLC
Benzene	EPA-8021	U	1.0	1	UG/L	12/15/2022	DLC
Toluene	EPA-8021	U	1.0	1	UG/L	12/15/2022	DLC
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	12/15/2022	DLC
Xylenes	EPA-8021	U	3.0	1	UG/L	12/15/2022	DLC
TPH-Diesel Range	NWTPH-DX	**140**	130	1	UG/L	12/19/2022	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	12/19/2022	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	12/16/2022	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	12/16/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	12/16/2022	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	12/28/2022 EV22120088 EV22120088-06
CLIENT CONTACT:	Harold Cashman	DATE RECEIVED:	12/14/2022
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	12/13/2022 9:30:00 AM
CLIENT SAMPLE ID	WES-FEB-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	12/16/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	12/16/2022	DLC
Naphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Chrysene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	12/16/2022	GAP
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	12/19/2022	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**98.4**	12/15/2022	DLC
TFT	EPA-8021	**91.4**	12/15/2022	DLC
C25	NWTPH-DX	**78.2**	12/19/2022	DHM
1,2-Dichloroethane-d4	EPA-8260	**94.7**	12/16/2022	DLC
4-Bromofluorobenzene	EPA-8260	**98.0**	12/16/2022	DLC
Terphenyl-d14	EPA-8270 SIM	**64.3**	12/16/2022	GAP

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/28/2022
		ALS SDG#:	EV22120088
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Harold Cashman		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-121422W - Batch 187434 - Water by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	UG/L	50	12/14/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-121422W - Batch 187434 - Water by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	UG/L	1.0	12/14/2022	DLC
Toluene	EPA-8021	U	UG/L	1.0	12/14/2022	DLC
Ethylbenzene	EPA-8021	U	UG/L	1.0	12/14/2022	DLC
Xylenes	EPA-8021	U	UG/L	3.0	12/14/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-121422W - Batch 187494 - Water by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	UG/L	130	12/23/2022	DHM
TPH-Oil Range	NWTPH-DX	U	UG/L	250	12/23/2022	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-121522W - Batch 187667 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	12/15/2022	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	12/15/2022	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Chloroform	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC

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CLIENT CONTACT: Harold Cashman
CLIENT PROJECT: Sunset Commons

DATE: 12/28/2022
ALS SDG#: EV22120088
WDOE ACCREDITATION: C601

LABORATORY BLANK RESULTS

MB-121522W - Batch 187667 - Water by EPA-8260

1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	12/15/2022	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Bromoform	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	12/15/2022	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	12/15/2022	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-121522W - Batch 187496 - Water by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/L	0.020	12/16/2022	GAP
2-Methylnaphthalene	EPA-8270 SIM	U	UG/L	0.020	12/16/2022	GAP
1-Methylnaphthalene	EPA-8270 SIM	U	UG/L	0.020	12/16/2022	GAP
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/L	0.020	12/16/2022	GAP
Chrysene	EPA-8270 SIM	U	UG/L	0.020	12/16/2022	GAP
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/L	0.020	12/16/2022	GAP
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/L	0.020	12/16/2022	GAP
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/L	0.020	12/16/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	12/28/2022
		ALS SDG#:	EV22120088
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Harold Cashman		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-121522W - Batch 187496 - Water by EPA-8270 SIM

Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/L	0.020	12/16/2022	GAP
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/L	0.020	12/16/2022	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB-121922W - Batch 187540 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead (Dissolved)	EPA-200.8	U	UG/L	1.0	12/19/2022	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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Bellingham, WA 98225
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CLIENT PROJECT: Sunset Commons

DATE: 12/28/2022
ALS SDG#: EV22120088
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 187434 - Water by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**100**			66.5	122.7	12/14/2022	DLC
TPH-Volatile Range - BSD	NWTPH-GX	**108**	**8**		66.5	122.7	12/14/2022	DLC

ALS Test Batch ID: 187434 - Water by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**98.4**			83	120	12/14/2022	DLC
Benzene - BSD	EPA-8021	**100**	**2**		83	120	12/14/2022	DLC
Toluene - BS	EPA-8021	**102**			85	115	12/14/2022	DLC
Toluene - BSD	EPA-8021	**103**	**1**		85	115	12/14/2022	DLC
Ethylbenzene - BS	EPA-8021	**101**			85	113	12/14/2022	DLC
Ethylbenzene - BSD	EPA-8021	**103**	**2**		85	113	12/14/2022	DLC
Xylenes - BS	EPA-8021	**102**			85	116	12/14/2022	DLC
Xylenes - BSD	EPA-8021	**104**	**1**		85	116	12/14/2022	DLC

ALS Test Batch ID: 187494 - Water by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**97.2**			67	125.2	12/21/2022	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**95.5**	**2**		67	125.2	12/21/2022	DHM

ALS Test Batch ID: 187667 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**82.3**			50	150	12/15/2022	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**77.4**	**6**		50	150	12/15/2022	DLC
Chloromethane - BS	EPA-8260	**88.0**			50	150	12/15/2022	DLC
Chloromethane - BSD	EPA-8260	**85.5**	**3**		50	150	12/15/2022	DLC
Vinyl Chloride - BS	EPA-8260	**98.8**			50	150	12/15/2022	DLC
Vinyl Chloride - BSD	EPA-8260	**94.2**	**5**		50	150	12/15/2022	DLC
Bromomethane - BS	EPA-8260	**113**			50	150	12/15/2022	DLC
Bromomethane - BSD	EPA-8260	**111**	**2**		50	150	12/15/2022	DLC
Chloroethane - BS	EPA-8260	**109**			50	150	12/15/2022	DLC
Chloroethane - BSD	EPA-8260	**105**	**4**		50	150	12/15/2022	DLC
Carbon Tetrachloride - BS	EPA-8260	**117**			50	150	12/15/2022	DLC
Carbon Tetrachloride - BSD	EPA-8260	**112**	**4**		50	150	12/15/2022	DLC
Trichlorofluoromethane - BS	EPA-8260	**118**			50	150	12/15/2022	DLC
Trichlorofluoromethane - BSD	EPA-8260	**113**	**5**		50	150	12/15/2022	DLC
1,1-Dichloroethene - BS	EPA-8260	**107**			72.5	136	12/15/2022	DLC

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WDOE ACCREDITATION: C601

CLIENT CONTACT: Harold Cashman
CLIENT PROJECT: Sunset Commons

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BSD	EPA-8260	**103**	**4**		72.5	136	12/15/2022	DLC
Methylene Chloride - BS	EPA-8260	**113**			50	150	12/15/2022	DLC
Methylene Chloride - BSD	EPA-8260	**113**	**0**		50	150	12/15/2022	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**116**			50	150	12/15/2022	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**112**	**4**		50	150	12/15/2022	DLC
1,1-Dichloroethane - BS	EPA-8260	**110**			50	150	12/15/2022	DLC
1,1-Dichloroethane - BSD	EPA-8260	**107**	**3**		50	150	12/15/2022	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**111**			50	150	12/15/2022	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**108**	**3**		50	150	12/15/2022	DLC
2,2-Dichloropropane - BS	EPA-8260	**130**			50	150	12/15/2022	DLC
2,2-Dichloropropane - BSD	EPA-8260	**123**	**5**		50	150	12/15/2022	DLC
Bromochloromethane - BS	EPA-8260	**101**			50	150	12/15/2022	DLC
Bromochloromethane - BSD	EPA-8260	**99.0**	**2**		50	150	12/15/2022	DLC
Chloroform - BS	EPA-8260	**95.9**			50	150	12/15/2022	DLC
Chloroform - BSD	EPA-8260	**93.6**	**2**		50	150	12/15/2022	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**110**			50	150	12/15/2022	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**106**	**4**		50	150	12/15/2022	DLC
1,1-Dichloropropene - BS	EPA-8260	**116**			50	150	12/15/2022	DLC
1,1-Dichloropropene - BSD	EPA-8260	**111**	**4**		50	150	12/15/2022	DLC
1,2-Dichloroethane - BS	EPA-8260	**90.4**			50	150	12/15/2022	DLC
1,2-Dichloroethane - BSD	EPA-8260	**88.2**	**3**		50	150	12/15/2022	DLC
Trichloroethene - BS	EPA-8260	**99.3**			74.4	141	12/15/2022	DLC
Trichloroethene - BSD	EPA-8260	**94.9**	**5**		74.4	141	12/15/2022	DLC
1,2-Dichloropropane - BS	EPA-8260	**101**			50	150	12/15/2022	DLC
1,2-Dichloropropane - BSD	EPA-8260	**97.6**	**3**		50	150	12/15/2022	DLC
Dibromomethane - BS	EPA-8260	**100**			50	150	12/15/2022	DLC
Dibromomethane - BSD	EPA-8260	**97.9**	**2**		50	150	12/15/2022	DLC
Bromodichloromethane - BS	EPA-8260	**99.4**			50	150	12/15/2022	DLC
Bromodichloromethane - BSD	EPA-8260	**96.2**	**3**		50	150	12/15/2022	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**101**			50	150	12/15/2022	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**98.4**	**3**		50	150	12/15/2022	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**99.1**			50	150	12/15/2022	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**96.1**	**3**		50	150	12/15/2022	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**103**			50	150	12/15/2022	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**101**	**2**		50	150	12/15/2022	DLC
1,3-Dichloropropane - BS	EPA-8260	**105**			50	150	12/15/2022	DLC
1,3-Dichloropropane - BSD	EPA-8260	**103**	**2**		50	150	12/15/2022	DLC
Tetrachloroethylene - BS	EPA-8260	**109**			50	150	12/15/2022	DLC
Tetrachloroethylene - BSD	EPA-8260	**104**	**5**		50	150	12/15/2022	DLC
Dibromochloromethane - BS	EPA-8260	**109**			50	150	12/15/2022	DLC

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CLIENT PROJECT: Sunset Commons

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dibromochloromethane - BSD	EPA-8260	**106**	**2**		50	150	12/15/2022	DLC
1,2-Dibromoethane - BS	EPA-8260	**112**			50	150	12/15/2022	DLC
1,2-Dibromoethane - BSD	EPA-8260	**110**	**2**		50	150	12/15/2022	DLC
Chlorobenzene - BS	EPA-8260	**110**			73	131	12/15/2022	DLC
Chlorobenzene - BSD	EPA-8260	**105**	**4**		73	131	12/15/2022	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**107**			50	150	12/15/2022	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**104**	**3**		50	150	12/15/2022	DLC
Bromoform - BS	EPA-8260	**108**			50	150	12/15/2022	DLC
Bromoform - BSD	EPA-8260	**106**	**1**		50	150	12/15/2022	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**104**			50	150	12/15/2022	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**105**	**1**		50	150	12/15/2022	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**97.2**			50	150	12/15/2022	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**98.4**	**1**		50	150	12/15/2022	DLC
Bromobenzene - BS	EPA-8260	**102**			50	150	12/15/2022	DLC
Bromobenzene - BSD	EPA-8260	**102**	**0**		50	150	12/15/2022	DLC
2-Chlorotoluene - BS	EPA-8260	**104**			50	150	12/15/2022	DLC
2-Chlorotoluene - BSD	EPA-8260	**103**	**1**		50	150	12/15/2022	DLC
4-Chlorotoluene - BS	EPA-8260	**106**			50	150	12/15/2022	DLC
4-Chlorotoluene - BSD	EPA-8260	**105**	**1**		50	150	12/15/2022	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**108**			50	150	12/15/2022	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**107**	**1**		50	150	12/15/2022	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**108**			50	150	12/15/2022	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**107**	**1**		50	150	12/15/2022	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**105**			50	150	12/15/2022	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**105**	**0**		50	150	12/15/2022	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**97.8**			50	150	12/15/2022	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**98.7**	**1**		50	150	12/15/2022	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**106**			50	150	12/15/2022	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**106**	**0**		50	150	12/15/2022	DLC
Hexachlorobutadiene - BS	EPA-8260	**121**			50	150	12/15/2022	DLC
Hexachlorobutadiene - BSD	EPA-8260	**119**	**2**		50	150	12/15/2022	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**104**			50	150	12/15/2022	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**105**	**1**		50	150	12/15/2022	DLC

ALS Test Batch ID: 187496 - Water by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**38.2**			36	118	12/16/2022	GAP
Naphthalene - BSD	EPA-8270 SIM	**43.6**	**13**		36	118	12/16/2022	GAP
2-Methylnaphthalene - BS	EPA-8270 SIM	**38.9**			20	150	12/16/2022	GAP

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS SDG#: WDOE ACCREDITATION:	12/28/2022 EV22120088 C601
CLIENT CONTACT:	Harold Cashman		
CLIENT PROJECT:	Sunset Commons		

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
2-Methylnaphthalene - BSD	EPA-8270 SIM	**48.9**	**23**		20	150	12/16/2022	GAP
1-Methylnaphthalene - BS	EPA-8270 SIM	**37.7**			20	150	12/16/2022	GAP
1-Methylnaphthalene - BSD	EPA-8270 SIM	**47.0**	**22**		20	150	12/16/2022	GAP
Benzo[A]Anthracene - BS	EPA-8270 SIM	**94.7**			20	150	12/16/2022	GAP
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**96.1**	**1**		20	150	12/16/2022	GAP
Chrysene - BS	EPA-8270 SIM	**90.8**			20	150	12/16/2022	GAP
Chrysene - BSD	EPA-8270 SIM	**89.3**	**2**		20	150	12/16/2022	GAP
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**87.9**			20	150	12/16/2022	GAP
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**89.3**	**2**		20	150	12/16/2022	GAP
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**86.8**			20	150	12/16/2022	GAP
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**86.0**	**1**		20	150	12/16/2022	GAP
Benzo[A]Pyrene - BS	EPA-8270 SIM	**88.8**			20	150	12/16/2022	GAP
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**89.3**	**1**		20	150	12/16/2022	GAP
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**99.5**			20	150	12/16/2022	GAP
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**103**	**3**		20	150	12/16/2022	GAP
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**94.8**			20	150	12/16/2022	GAP
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**99.8**	**5**		20	150	12/16/2022	GAP

ALS Test Batch ID: 187540 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead (Dissolved) - BS	EPA-200.8	**101**			87.5	107	12/19/2022	EBS
Lead (Dissolved) - BSD	EPA-200.8	**101**	**0**		87.5	107	12/19/2022	EBS

APPROVED BY

Laboratory Director

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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only)

EV2212 0088

Date 12/14/22 Page 1 Of 1

PROJECT ID:	Sunset Commons
REPORT TO COMPANY:	Whatcom Environmental Services
PROJECT MANAGER:	Harold Cashman, Thom
ADDRESS:	228 E. Champion St. #101 Bellingham, WA 98225
PHONE:	360-752-9571 P.O. #:
E-MAIL:	hcashman@whatcom-es.com
INVOICE TO COMPANY:	same as above
ATTENTION:	
ADDRESS:	

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8260 (8021)	MTBE by EPA 8021	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082	Pesticides by EPA 8081	Metals-MTCA-5	RCRA-8	Pri Pol	TAL	Metals Other (Specify) (Lead) (field)	TCLP-Metals	VOA	Semi-Vol	Pest	Herbs	OTHER (Specify): Naphthalenes & cPAHs (8270-SIM)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. MW-1	12/13/22	12:20	water	1		X	X	X		X												X						X	8	
2. MW-2	"	10:40	"	2		"	"	"		"												"						"	"	
3. MW-3	"	13:40	"	3		"	"	"		"												"						"	"	
4. MW-4	"	15:00	"	4		"	"	"		"												"						"	"	
5. WES-DUP-1	"	9:00	"	5		"	"	"		"												"						"	"	
6. WES-FB-1	"	9:30	"	6		"	"	"		"												"						"	"	
7.																														
8.																														
9.																														
10.																														

SPECIAL INSTRUCTIONS metals samples were field filtered.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: Matt Roberts/Matt, WES, 12/14/22
   Received By: Shawn Robinson ALS 12/14/22 1:15 pm
2. Relinquished By: _____
   Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: [X] 10 Standard | [ ] 5 | [ ] 3 | [ ] 2 | [ ] 1 | [ ] SAME DAY

Fuels & Hydrocarbon Analysis: [X] 5 Standard | [ ] 3 | [ ] 1 | [ ] SAME DAY

OTHER:

Specify: _____

*Turnaround request less than standard may incur Rush Charges

March 2, 2023

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On February 21st, 6 samples were received by our laboratory and assigned our laboratory project number EV23020120. The project was identified as your Sunset Commons. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Rob Greer
Laboratory Director

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/2/2023 EV23020120 EV23020120-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	02/21/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	2/17/2023 11:00:00 AM
CLIENT SAMPLE ID	MW-Dup.-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	02/28/2023	MWW
Benzene	EPA-8021	U	1.0	1	UG/L	02/28/2023	MWW
Toluene	EPA-8021	U	1.0	1	UG/L	02/28/2023	MWW
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	02/28/2023	MWW
Xylenes	EPA-8021	U	3.0	1	UG/L	02/28/2023	MWW
TPH-Diesel Range	NWTPH-DX	**190**	130	1	UG/L	02/22/2023	DHM
TPH-Oil Range	NWTPH-DX	U, F1	280	1	UG/L	02/22/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	03/01/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/01/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/01/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/2/2023 EV23020120 EV23020120-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	02/21/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	2/17/2023 11:00:00 AM
CLIENT SAMPLE ID	MW-Dup.-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bromoform	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/01/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Naphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Chrysene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	02/22/2023	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**98.6**	02/28/2023	MWW
TFT	EPA-8021	**105**	02/28/2023	MWW
C25	NWTPH-DX	**95.9**	02/22/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**102**	03/01/2023	DLC
4-Bromofluorobenzene	EPA-8260	**99.0**	03/01/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**86.9**	02/24/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
F1 - Reporting limit for compound raised due to low sample amount.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/2/2023 EV23020120 EV23020120-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	02/21/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	2/17/2023 12:30:00 PM
CLIENT SAMPLE ID	MW-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	02/28/2023	MWW
Benzene	EPA-8021	U	1.0	1	UG/L	02/28/2023	MWW
Toluene	EPA-8021	U	1.0	1	UG/L	02/28/2023	MWW
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	02/28/2023	MWW
Xylenes	EPA-8021	U	3.0	1	UG/L	02/28/2023	MWW
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	02/22/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	02/22/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	03/01/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/01/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/01/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/2/2023 EV23020120 EV23020120-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	02/21/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	2/17/2023 12:30:00 PM
CLIENT SAMPLE ID	MW-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/01/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Naphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Chrysene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	02/22/2023	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**98.0**	02/28/2023	MWW
TFT	EPA-8021	**106**	02/28/2023	MWW
C25	NWTPH-DX	**98.2**	02/22/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**101**	03/01/2023	DLC
4-Bromofluorobenzene	EPA-8260	**100**	03/01/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**91.3**	02/24/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/2/2023 EV23020120 EV23020120-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	02/21/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	2/17/2023 1:30:00 PM
CLIENT SAMPLE ID	MW-2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	02/28/2023	MWW
Benzene	EPA-8021	U	1.0	1	UG/L	02/28/2023	MWW
Toluene	EPA-8021	U	1.0	1	UG/L	02/28/2023	MWW
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	02/28/2023	MWW
Xylenes	EPA-8021	U	3.0	1	UG/L	02/28/2023	MWW
TPH-Diesel Range	NWTPH-DX	**140**	130	1	UG/L	02/22/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	02/22/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	03/01/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/01/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/01/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/2/2023 EV23020120 EV23020120-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	02/21/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	2/17/2023 1:30:00 PM
CLIENT SAMPLE ID	MW-2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/01/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/01/2023	DLC
Naphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Chrysene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	02/22/2023	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**93.0**	02/28/2023	MWW
TFT	EPA-8021	**99.9**	02/28/2023	MWW
C25	NWTPH-DX	**98.6**	02/22/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**103**	03/01/2023	DLC
4-Bromofluorobenzene	EPA-8260	**101**	03/01/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**81.4**	02/24/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/2/2023 EV23020120 EV23020120-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	02/21/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	2/17/2023 2:50:00 PM
CLIENT SAMPLE ID	MW-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	02/28/2023	MWW
Benzene	EPA-8021	U	1.0	1	UG/L	02/28/2023	MWW
Toluene	EPA-8021	U	1.0	1	UG/L	02/28/2023	MWW
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	02/28/2023	MWW
Xylenes	EPA-8021	U	3.0	1	UG/L	02/28/2023	MWW
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	02/22/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	02/22/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	03/02/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/02/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/02/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/2/2023 EV23020120 EV23020120-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	02/21/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	2/17/2023 2:50:00 PM
CLIENT SAMPLE ID	MW-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/02/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Naphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Chrysene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	02/22/2023	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**91.9**	02/28/2023	MWW
TFT	EPA-8021	**97.7**	02/28/2023	MWW
C25	NWTPH-DX	**98.8**	02/22/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**102**	03/02/2023	DLC
4-Bromofluorobenzene	EPA-8260	**100**	03/02/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**88.3**	02/24/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/2/2023 EV23020120 EV23020120-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	02/21/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	2/17/2023 4:15:00 PM
CLIENT SAMPLE ID	MW-4	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	02/28/2023	MWW
Benzene	EPA-8021	U	1.0	1	UG/L	02/28/2023	MWW
Toluene	EPA-8021	U	1.0	1	UG/L	02/28/2023	MWW
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	02/28/2023	MWW
Xylenes	EPA-8021	U	3.0	1	UG/L	02/28/2023	MWW
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	02/22/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	02/22/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	03/02/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/02/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/02/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/2/2023 EV23020120 EV23020120-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	02/21/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	2/17/2023 4:15:00 PM
CLIENT SAMPLE ID	MW-4	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/02/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Naphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Chrysene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Lead (Dissolved)	EPA-200.8	**1.0**	1.0	1	UG/L	02/22/2023	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**93.8**	02/28/2023	MWW
TFT	EPA-8021	**101**	02/28/2023	MWW
C25	NWTPH-DX	**97.5**	02/22/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**102**	03/02/2023	DLC
4-Bromofluorobenzene	EPA-8260	**100**	03/02/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**85.4**	02/24/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/2/2023 EV23020120 EV23020120-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	02/21/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	2/17/2023 4:30:00 PM
CLIENT SAMPLE ID	MW-FEB-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	03/02/2023	MWW
Benzene	EPA-8021	U	1.0	1	UG/L	03/02/2023	MWW
Toluene	EPA-8021	U	1.0	1	UG/L	03/02/2023	MWW
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	03/02/2023	MWW
Xylenes	EPA-8021	U	3.0	1	UG/L	03/02/2023	MWW
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	02/22/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	02/22/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	03/02/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	03/02/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	03/02/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	3/2/2023 EV23020120 EV23020120-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	02/21/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	2/17/2023 4:30:00 PM
CLIENT SAMPLE ID	MW-FEB-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	03/02/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	03/02/2023	DLC
Naphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Chrysene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	02/24/2023	DBA
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	02/22/2023	RAL

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**105**	03/02/2023	MWW
TFT	EPA-8021	**110**	03/02/2023	MWW
C25	NWTPH-DX	**91.2**	02/22/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**102**	03/02/2023	DLC
4-Bromofluorobenzene	EPA-8260	**101**	03/02/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**93.0**	02/24/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/2/2023
		ALS SDG#:	EV23020120
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-022723W - Batch 190282 - Water by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	UG/L	50	02/28/2023	MWW

U - Analyte analyzed for but not detected at level above reporting limit.

MB-022723W - Batch 190282 - Water by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	UG/L	1.0	02/28/2023	MWW
Toluene	EPA-8021	U	UG/L	1.0	02/28/2023	MWW
Ethylbenzene	EPA-8021	U	UG/L	1.0	02/28/2023	MWW
Xylenes	EPA-8021	U	UG/L	3.0	02/28/2023	MWW

U - Analyte analyzed for but not detected at level above reporting limit.

MB-022223W - Batch 190118 - Water by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	UG/L	130	02/22/2023	DHM
TPH-Oil Range	NWTPH-DX	U	UG/L	250	02/22/2023	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-030123W - Batch 190314 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	03/01/2023	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	03/01/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Chloroform	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS SDG#: WDOE ACCREDITATION:	3/2/2023 EV23020120 C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-030123W - Batch 190314 - Water by EPA-8260

1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	03/01/2023	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Bromoform	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	03/01/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	03/01/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-022123W - Batch 190237 - Water by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/L	0.020	02/23/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	UG/L	0.020	02/23/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	UG/L	0.020	02/23/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/L	0.020	02/23/2023	DBA
Chrysene	EPA-8270 SIM	U	UG/L	0.020	02/23/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/L	0.020	02/23/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/L	0.020	02/23/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/L	0.020	02/23/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	3/2/2023
		ALS SDG#:	EV23020120
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-022123W - Batch 190237 - Water by EPA-8270 SIM

Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/L	0.020	02/23/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/L	0.020	02/23/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

MB-022223W - Batch 189994 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead (Dissolved)	EPA-200.8	U	UG/L	1.0	02/22/2023	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

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228 E. Champion St., Suite 101
Bellingham, WA 98225

DATE: 3/2/2023
ALS SDG#: EV23020120
WDOE ACCREDITATION: C601

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 190282 - Water by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**123**		LCS03	66.5	122.7	02/28/2023	MWW
TPH-Volatile Range - BSD	NWTPH-GX	**122**	**1**		66.5	122.7	02/28/2023	MWW

LCS03 - The LCS and/or LCSD recovery was above the upper control limit. All sample results in the batch were non-detect. No qualification is required for this analyte.

ALS Test Batch ID: 190282 - Water by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**94.4**			83	120	02/28/2023	MWW
Benzene - BSD	EPA-8021	**111**	**16**	SR1	83	120	02/28/2023	MWW
Toluene - BS	EPA-8021	**96.4**			85	115	02/28/2023	MWW
Toluene - BSD	EPA-8021	**116**	**19**	LCS03	85	115	02/28/2023	MWW
Ethylbenzene - BS	EPA-8021	**95.0**			85	113	02/28/2023	MWW
Ethylbenzene - BSD	EPA-8021	**119**	**23**	LCS03	85	113	02/28/2023	MWW
Xylenes - BS	EPA-8021	**94.7**			85	116	02/28/2023	MWW
Xylenes - BSD	EPA-8021	**119**	**22**	LCS03	85	116	02/28/2023	MWW

LCS03 - The LCS and/or LCSD recovery was above the upper control limit. All sample results in the batch were non-detect. No qualification is required for this analyte.
SR1 - RPD outside of control limits.

ALS Test Batch ID: 190118 - Water by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**90.8**			67	125.2	02/22/2023	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**86.0**	**5**		67	125.2	02/22/2023	DHM

ALS Test Batch ID: 190314 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**119**			50	150	03/01/2023	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**124**	**4**		50	150	03/01/2023	DLC
Chloromethane - BS	EPA-8260	**101**			50	150	03/01/2023	DLC
Chloromethane - BSD	EPA-8260	**104**	**3**		50	150	03/01/2023	DLC
Vinyl Chloride - BS	EPA-8260	**107**			50	150	03/01/2023	DLC
Vinyl Chloride - BSD	EPA-8260	**112**	**4**		50	150	03/01/2023	DLC
Bromomethane - BS	EPA-8260	**124**			50	150	03/01/2023	DLC
Bromomethane - BSD	EPA-8260	**130**	**4**		50	150	03/01/2023	DLC
Chloroethane - BS	EPA-8260	**104**			50	150	03/01/2023	DLC
Chloroethane - BSD	EPA-8260	**108**	**4**		50	150	03/01/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

DATE: 3/2/2023
ALS SDG#: EV23020120
WDOE ACCREDITATION: C601

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Carbon Tetrachloride - BS	EPA-8260	**111**			50	150	03/01/2023	DLC
Carbon Tetrachloride - BSD	EPA-8260	**116**	**5**		50	150	03/01/2023	DLC
Trichlorofluoromethane - BS	EPA-8260	**115**			50	150	03/01/2023	DLC
Trichlorofluoromethane - BSD	EPA-8260	**121**	**5**		50	150	03/01/2023	DLC
1,1-Dichloroethene - BS	EPA-8260	**102**			72.5	136	03/01/2023	DLC
1,1-Dichloroethene - BSD	EPA-8260	**108**	**5**		72.5	136	03/01/2023	DLC
Methylene Chloride - BS	EPA-8260	**137**			50	150	03/01/2023	DLC
Methylene Chloride - BSD	EPA-8260	**140**	**2**		50	150	03/01/2023	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**99.6**			50	150	03/01/2023	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**105**	**5**		50	150	03/01/2023	DLC
1,1-Dichloroethane - BS	EPA-8260	**103**			50	150	03/01/2023	DLC
1,1-Dichloroethane - BSD	EPA-8260	**108**	**5**		50	150	03/01/2023	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**97.8**			50	150	03/01/2023	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**102**	**4**		50	150	03/01/2023	DLC
2,2-Dichloropropane - BS	EPA-8260	**119**			50	150	03/01/2023	DLC
2,2-Dichloropropane - BSD	EPA-8260	**123**	**4**		50	150	03/01/2023	DLC
Bromochloromethane - BS	EPA-8260	**97.2**			50	150	03/01/2023	DLC
Bromochloromethane - BSD	EPA-8260	**101**	**3**		50	150	03/01/2023	DLC
Chloroform - BS	EPA-8260	**96.3**			50	150	03/01/2023	DLC
Chloroform - BSD	EPA-8260	**101**	**5**		50	150	03/01/2023	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**106**			50	150	03/01/2023	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**111**	**5**		50	150	03/01/2023	DLC
1,1-Dichloropropene - BS	EPA-8260	**107**			50	150	03/01/2023	DLC
1,1-Dichloropropene - BSD	EPA-8260	**112**	**5**		50	150	03/01/2023	DLC
1,2-Dichloroethane - BS	EPA-8260	**97.1**			50	150	03/01/2023	DLC
1,2-Dichloroethane - BSD	EPA-8260	**99.9**	**3**		50	150	03/01/2023	DLC
Trichloroethene - BS	EPA-8260	**98.8**			74.4	141	03/01/2023	DLC
Trichloroethene - BSD	EPA-8260	**103**	**4**		74.4	141	03/01/2023	DLC
1,2-Dichloropropane - BS	EPA-8260	**103**			50	150	03/01/2023	DLC
1,2-Dichloropropane - BSD	EPA-8260	**106**	**3**		50	150	03/01/2023	DLC
Dibromomethane - BS	EPA-8260	**102**			50	150	03/01/2023	DLC
Dibromomethane - BSD	EPA-8260	**104**	**2**		50	150	03/01/2023	DLC
Bromodichloromethane - BS	EPA-8260	**103**			50	150	03/01/2023	DLC
Bromodichloromethane - BSD	EPA-8260	**106**	**3**		50	150	03/01/2023	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**106**			50	150	03/01/2023	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**109**	**2**		50	150	03/01/2023	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**106**			50	150	03/01/2023	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**109**	**3**		50	150	03/01/2023	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**102**			50	150	03/01/2023	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**104**	**2**		50	150	03/01/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 3/2/2023
ALS SDG#: EV23020120
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,3-Dichloropropane - BS	EPA-8260	**102**			50	150	03/01/2023	DLC
1,3-Dichloropropane - BSD	EPA-8260	**105**	**3**		50	150	03/01/2023	DLC
Tetrachloroethylene - BS	EPA-8260	**77.8**			50	150	03/01/2023	DLC
Tetrachloroethylene - BSD	EPA-8260	**81.7**	**5**		50	150	03/01/2023	DLC
Dibromochloromethane - BS	EPA-8260	**103**			50	150	03/01/2023	DLC
Dibromochloromethane - BSD	EPA-8260	**106**	**3**		50	150	03/01/2023	DLC
1,2-Dibromoethane - BS	EPA-8260	**98.5**			50	150	03/01/2023	DLC
1,2-Dibromoethane - BSD	EPA-8260	**101**	**2**		50	150	03/01/2023	DLC
Chlorobenzene - BS	EPA-8260	**103**			73	131	03/01/2023	DLC
Chlorobenzene - BSD	EPA-8260	**106**	**3**		73	131	03/01/2023	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**102**			50	150	03/01/2023	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**106**	**4**		50	150	03/01/2023	DLC
Bromoform - BS	EPA-8260	**104**			50	150	03/01/2023	DLC
Bromoform - BSD	EPA-8260	**106**	**2**		50	150	03/01/2023	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**95.3**			50	150	03/01/2023	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**95.8**	**1**		50	150	03/01/2023	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**96.2**			50	150	03/01/2023	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**96.3**	**0**		50	150	03/01/2023	DLC
Bromobenzene - BS	EPA-8260	**103**			50	150	03/01/2023	DLC
Bromobenzene - BSD	EPA-8260	**104**	**1**		50	150	03/01/2023	DLC
2-Chlorotoluene - BS	EPA-8260	**104**			50	150	03/01/2023	DLC
2-Chlorotoluene - BSD	EPA-8260	**106**	**2**		50	150	03/01/2023	DLC
4-Chlorotoluene - BS	EPA-8260	**105**			50	150	03/01/2023	DLC
4-Chlorotoluene - BSD	EPA-8260	**107**	**2**		50	150	03/01/2023	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**104**			50	150	03/01/2023	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**105**	**1**		50	150	03/01/2023	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**103**			50	150	03/01/2023	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**106**	**2**		50	150	03/01/2023	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**102**			50	150	03/01/2023	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**104**	**1**		50	150	03/01/2023	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**100**			50	150	03/01/2023	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**100**	**0**		50	150	03/01/2023	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**107**			50	150	03/01/2023	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**109**	**2**		50	150	03/01/2023	DLC
Hexachlorobutadiene - BS	EPA-8260	**110**			50	150	03/01/2023	DLC
Hexachlorobutadiene - BSD	EPA-8260	**114**	**4**		50	150	03/01/2023	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**104**			50	150	03/01/2023	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**106**	**2**		50	150	03/01/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225
CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 3/2/2023
ALS SDG#: EV23020120
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 190237 - Water by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**38.4**			36	118	02/24/2023	DBA
Naphthalene - BSD	EPA-8270 SIM	**51.0**	**28**	SR1	36	118	02/24/2023	DBA
2-Methylnaphthalene - BS	EPA-8270 SIM	**48.2**			20	150	02/24/2023	DBA
2-Methylnaphthalene - BSD	EPA-8270 SIM	**61.6**	**25**		20	150	02/24/2023	DBA
1-Methylnaphthalene - BS	EPA-8270 SIM	**46.1**			20	150	02/24/2023	DBA
1-Methylnaphthalene - BSD	EPA-8270 SIM	**60.2**	**27**		20	150	02/24/2023	DBA
Benzo[A]Anthracene - BS	EPA-8270 SIM	**60.1**			20	150	02/24/2023	DBA
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**77.1**	**25**		20	150	02/24/2023	DBA
Chrysene - BS	EPA-8270 SIM	**64.6**			20	150	02/24/2023	DBA
Chrysene - BSD	EPA-8270 SIM	**86.3**	**29**		20	150	02/24/2023	DBA
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**74.2**			20	150	02/24/2023	DBA
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**91.0**	**20**		20	150	02/24/2023	DBA
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**65.9**			20	150	02/24/2023	DBA
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**86.0**	**26**		20	150	02/24/2023	DBA
Benzo[A]Pyrene - BS	EPA-8270 SIM	**62.1**			20	150	02/24/2023	DBA
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**80.0**	**25**		20	150	02/24/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**61.2**			20	150	02/24/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**72.4**	**17**		20	150	02/24/2023	DBA
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**52.3**			20	150	02/24/2023	DBA
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**59.3**	**13**		20	150	02/24/2023	DBA

SR1 - RPD outside of control limits.

ALS Test Batch ID: 189994 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead (Dissolved) - BS	EPA-200.8	**93.3**			87.5	107	02/22/2023	RAL
Lead (Dissolved) - BSD	EPA-200.8	**93.3**	**0**		87.5	107	02/22/2023	RAL

APPROVED BY

Rob Greer
Laboratory Director

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Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV2302O120

Date 2/21/23 Page 1 Of 1

PROJECT ID: Sunset Commons
REPORT TO COMPANY: Whatcom Environmental Svcs
PROJECT MANAGER: Thom - Harold
ADDRESS: 228 E. Champion #101
Bham, WA 98225
PHONE: 752-9571 P.O. #:
E-MAIL: tdavis@whatcom-es.com
INVOICE TO COMPANY: Same
ATTENTION:
ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021 ☒	BTEX by EPA 8260 ☐	MTBE by EPA 8021 ☐	MTBE by EPA 8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082 ☐ Pesticides by EPA 8081 ☐	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify) Lead (Pb), diss.*	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify) Naphthalenes (8270) cPAH's (8270)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. MW-Dup.-1	2/17/23	11 AM	Water	1		X	X	X				X								X		X X	9	
2. MW-1		1230p		2		X	X	X				X								X		X X	9	
3. MW-2		130p		3		X	X	X				X								X		X X	9	
4. MW-3		250p		4		X	X	X				X								X		X X	9	
5. MW-4		415p		5		X	X	X				X								X		X X	9	
6. MW-FEB-1		430p		6		X	X	X				X								X		X X	9	
7.																								
8.																								
9.																								
10.																								

SPECIAL INSTRUCTIONS

* Metals Sample was Field Filtered

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: WES 2/21/23 @ 10AM
   Received By: AFREESE, ALS, 02-21-23, @ 1005
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis: (10) Standard | 5 | 3 | 2 | 1 | SAME DAY

Fuels & Hydrocarbon Analysis: (5) Standard | 3 | 1 | SAME DAY

OTHER: Specify:

*Turnaround request less than standard may incur Rush Charges

June 6, 2023

Mr. Thom Davis
Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

Dear Mr. Davis,

On May 24th, 6 samples were received by our laboratory and assigned our laboratory project number EV23050173. The project was identified as your Sunset Commons. The sample identification and requested analyses are outlined on the attached chain of custody record.

Due to quality control exceedence during the initial extraction for the cPAH analysis, sample MW-1 and MW-2 were re-extracted and analyzed outside of hold time. Data has been qualified and reported. No additional abnormalities or non-conformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group



Rob Greer
Laboratory Director

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ALS Group USA, Corp dba ALS Environmental

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/6/2023
		ALS JOB#:	EV23050173
		ALS SAMPLE#:	EV23050173-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/24/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/23/2023 10:00:00 AM
CLIENT SAMPLE ID	MW-Dup.-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	05/25/2023	GAP
Benzene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Toluene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Xylenes	EPA-8021	U	3.0	1	UG/L	05/25/2023	GAP
TPH-Diesel Range	NWTPH-DX	**160**	130	1	UG/L	06/05/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	06/05/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/30/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/30/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/30/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	6/6/2023 EV23050173 EV23050173-01
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/24/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/23/2023 10:00:00 AM
CLIENT SAMPLE ID	MW-Dup.-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Bromoform	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/30/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Naphthalene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Chrysene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	05/26/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**89.5**	05/25/2023	GAP
TFT	EPA-8021	**97.4**	05/25/2023	GAP
C25	NWTPH-DX	**71.2**	06/05/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**102**	05/30/2023	DLC
4-Bromofluorobenzene	EPA-8260	**100**	05/30/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**75.3**	05/31/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/6/2023
		ALS JOB#:	EV23050173
		ALS SAMPLE#:	EV23050173-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/24/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/23/2023 11:15:00 AM
CLIENT SAMPLE ID	MW-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	05/25/2023	GAP
Benzene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Toluene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Xylenes	EPA-8021	U	3.0	1	UG/L	05/25/2023	GAP
TPH-Diesel Range	NWTPH-DX	**180**	130	1	UG/L	06/05/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	06/05/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/30/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/30/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/30/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	6/6/2023 EV23050173 EV23050173-02
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/24/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/23/2023 11:15:00 AM
CLIENT SAMPLE ID	MW-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/30/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Naphthalene	EPA-8270 SIM	U, HT04	0.020	1	UG/L	06/06/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U, HT04	0.020	1	UG/L	06/06/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U, HT04	0.020	1	UG/L	06/06/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U, HT04	0.020	1	UG/L	06/06/2023	DBA
Chrysene	EPA-8270 SIM	U, HT04	0.020	1	UG/L	06/06/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U, HT04	0.020	1	UG/L	06/06/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U, HT04	0.032	1	UG/L	06/06/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U, HT04	0.020	1	UG/L	06/06/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U, HT04	0.020	1	UG/L	06/06/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U, HT04	0.023	1	UG/L	06/06/2023	DBA
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	05/26/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**90.4**	05/25/2023	GAP
TFT	EPA-8021	**97.3**	05/25/2023	GAP
C25	NWTPH-DX	**88.5**	06/05/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**101**	05/30/2023	DLC
4-Bromofluorobenzene	EPA-8260	**98.7**	05/30/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**71.2 HT04**	06/06/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
HT04 -Sample was re-extracted outside of the holding time due to quality control exceedance during the initial extraction. Results should be considered estimated.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/6/2023
		ALS JOB#:	EV23050173
		ALS SAMPLE#:	EV23050173-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/24/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/23/2023 12:15:00 PM
CLIENT SAMPLE ID	MW-2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	05/25/2023	GAP
Benzene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Toluene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Xylenes	EPA-8021	U	3.0	1	UG/L	05/25/2023	GAP
TPH-Diesel Range	NWTPH-DX	**230**	130	1	UG/L	06/05/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	06/05/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/30/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/30/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/30/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	6/6/2023 EV23050173 EV23050173-03
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/24/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/23/2023 12:15:00 PM
CLIENT SAMPLE ID	MW-2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/30/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Naphthalene	EPA-8270 SIM	U, HT04	0.020	1	UG/L	06/06/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U, HT04	0.020	1	UG/L	06/06/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U, HT04	0.020	1	UG/L	06/06/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U, HT04	0.020	1	UG/L	06/06/2023	DBA
Chrysene	EPA-8270 SIM	U, HT04	0.020	1	UG/L	06/06/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U, HT04	0.020	1	UG/L	06/06/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U, HT04	0.032	1	UG/L	06/06/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U, HT04	0.020	1	UG/L	06/06/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U, HT04	0.020	1	UG/L	06/06/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U, HT04	0.023	1	UG/L	06/06/2023	DBA
Lead (Dissolved)	EPA-200.8	**1.9**	1.0	1	UG/L	05/26/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**89.4**	05/25/2023	GAP
TFT	EPA-8021	**95.9**	05/25/2023	GAP
C25	NWTPH-DX	**84.8**	06/05/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**101**	05/30/2023	DLC
4-Bromofluorobenzene	EPA-8260	**99.4**	05/30/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**64.7 HT04**	06/06/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
HT04 -Sample was re-extracted outside of the holding time due to quality control exceedance during the initial extraction. Results should be considered estimated.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/6/2023
		ALS JOB#:	EV23050173
		ALS SAMPLE#:	EV23050173-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/24/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/23/2023 1:30:00 PM
CLIENT SAMPLE ID	MW-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	05/25/2023	GAP
Benzene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Toluene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Xylenes	EPA-8021	U	3.0	1	UG/L	05/25/2023	GAP
TPH-Diesel Range	NWTPH-DX	**170**	130	1	UG/L	06/05/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	06/05/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/30/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/30/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/30/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	6/6/2023 EV23050173 EV23050173-04
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/24/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/23/2023 1:30:00 PM
CLIENT SAMPLE ID	MW-3	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/30/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Naphthalene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Chrysene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	05/26/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**85.2**	05/25/2023	GAP
TFT	EPA-8021	**92.2**	05/25/2023	GAP
C25	NWTPH-DX	**66.6**	06/05/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**101**	05/30/2023	DLC
4-Bromofluorobenzene	EPA-8260	**99.1**	05/30/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**78.4**	05/31/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/6/2023
		ALS JOB#:	EV23050173
		ALS SAMPLE#:	EV23050173-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/24/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/23/2023 2:30:00 PM
CLIENT SAMPLE ID	MW-4	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	05/25/2023	GAP
Benzene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Toluene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Xylenes	EPA-8021	U	3.0	1	UG/L	05/25/2023	GAP
TPH-Diesel Range	NWTPH-DX	**170**	130	1	UG/L	06/05/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	06/05/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/30/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/30/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/30/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	6/6/2023 EV23050173 EV23050173-05
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/24/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/23/2023 2:30:00 PM
CLIENT SAMPLE ID	MW-4	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/30/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Naphthalene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Chrysene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	05/26/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**86.4**	05/25/2023	GAP
TFT	EPA-8021	**93.9**	05/25/2023	GAP
C25	NWTPH-DX	**78.1**	06/05/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**100**	05/30/2023	DLC
4-Bromofluorobenzene	EPA-8260	**101**	05/30/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**83.8**	05/31/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/6/2023
		ALS JOB#:	EV23050173
		ALS SAMPLE#:	EV23050173-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/24/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/23/2023 3:40:00 PM
CLIENT SAMPLE ID	MW-FEB-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	50	1	UG/L	05/25/2023	GAP
Benzene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Toluene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	05/25/2023	GAP
Xylenes	EPA-8021	U	3.0	1	UG/L	05/25/2023	GAP
TPH-Diesel Range	NWTPH-DX	**160**	130	1	UG/L	06/05/2023	DHM
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	06/05/2023	DHM
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	05/30/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	05/30/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	05/30/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE: ALS JOB#: ALS SAMPLE#:	6/6/2023 EV23050173 EV23050173-06
CLIENT CONTACT:	Thom Davis	DATE RECEIVED:	05/24/2023
CLIENT PROJECT:	Sunset Commons	COLLECTION DATE:	5/23/2023 3:40:00 PM
CLIENT SAMPLE ID	MW-FEB-1	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	05/30/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	05/30/2023	DLC
Naphthalene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Chrysene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	0.020	1	UG/L	05/31/2023	DBA
Lead (Dissolved)	EPA-200.8	U	1.0	1	UG/L	05/26/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	NWTPH-GX	**93.6**	05/25/2023	GAP
TFT	EPA-8021	**102**	05/25/2023	GAP
C25	NWTPH-DX	**78.6**	06/05/2023	DHM
1,2-Dichloroethane-d4	EPA-8260	**100**	05/30/2023	DLC
4-Bromofluorobenzene	EPA-8260	**98.9**	05/30/2023	DLC
Terphenyl-d14	EPA-8270 SIM	**82.3**	05/31/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains an unidentified diesel range product.

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/6/2023
		ALS SDG#:	EV23050173
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MBG-052523W - Batch 194285 - Water by NWTPH-GX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range	NWTPH-GX	U	UG/L	50	05/25/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB-052523W - Batch 194285 - Water by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	UG/L	1.0	05/25/2023	GAP
Toluene	EPA-8021	U	UG/L	1.0	05/25/2023	GAP
Ethylbenzene	EPA-8021	U	UG/L	1.0	05/25/2023	GAP
Xylenes	EPA-8021	U	UG/L	3.0	05/25/2023	GAP

U - Analyte analyzed for but not detected at level above reporting limit.

MB2-052623W - Batch 194390 - Water by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	UG/L	130	05/26/2023	DHM
TPH-Oil Range	NWTPH-DX	U	UG/L	250	05/26/2023	DHM

U - Analyte analyzed for but not detected at level above reporting limit.

MB-053023W - Batch 194497 - Water by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Chloromethane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Vinyl Chloride	EPA-8260	U	UG/L	0.20	05/30/2023	DLC
Bromomethane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Chloroethane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Carbon Tetrachloride	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Trichlorofluoromethane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
1,1-Dichloroethene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Methylene Chloride	EPA-8260	U	UG/L	5.0	05/30/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
1,1-Dichloroethane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
2,2-Dichloropropane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Bromochloromethane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Chloroform	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/6/2023
		ALS SDG#:	EV23050173
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-053023W - Batch 194497 - Water by EPA-8260

1,1-Dichloropropene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
1,2-Dichloroethane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Trichloroethene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
1,2-Dichloropropane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Dibromomethane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Bromodichloromethane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
1,3-Dichloropropane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Tetrachloroethylene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Dibromochloromethane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
1,2-Dibromoethane	EPA-8260	U	UG/L	0.010	05/30/2023	DLC
Chlorobenzene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Bromoform	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Bromobenzene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
2-Chlorotoluene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
4-Chlorotoluene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/L	10	05/30/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
Hexachlorobutadiene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/L	2.0	05/30/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MB-052423W - Batch 194465 - Water by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/L	0.020	05/30/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	UG/L	0.020	05/30/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	UG/L	0.020	05/30/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/L	0.020	05/30/2023	DBA
Chrysene	EPA-8270 SIM	U	UG/L	0.020	05/30/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/L	0.020	05/30/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/L	0.020	05/30/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/L	0.020	05/30/2023	DBA

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CERTIFICATE OF ANALYSIS

CLIENT:	Whatcom Environmental Svcs., Inc. 228 E. Champion St., Suite 101 Bellingham, WA 98225	DATE:	6/6/2023
		ALS SDG#:	EV23050173
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Thom Davis		
CLIENT PROJECT:	Sunset Commons		

LABORATORY BLANK RESULTS

MB-052423W - Batch 194465 - Water by EPA-8270 SIM

Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/L	0.020	05/30/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/L	0.020	05/30/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

METHOD BLANK - Batch 194820 - Water by EPA-8270 SIM

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Naphthalene	EPA-8270 SIM	U	UG/L	0.020	06/06/2023	DBA
2-Methylnaphthalene	EPA-8270 SIM	U	UG/L	0.020	06/06/2023	DBA
1-Methylnaphthalene	EPA-8270 SIM	U	UG/L	0.020	06/06/2023	DBA
Benzo[A]Anthracene	EPA-8270 SIM	U	UG/L	0.020	06/06/2023	DBA
Chrysene	EPA-8270 SIM	U	UG/L	0.020	06/06/2023	DBA
Benzo[B]Fluoranthene	EPA-8270 SIM	U	UG/L	0.023	06/06/2023	DBA
Benzo[K]Fluoranthene	EPA-8270 SIM	U	UG/L	0.037	06/06/2023	DBA
Benzo[A]Pyrene	EPA-8270 SIM	U	UG/L	0.020	06/06/2023	DBA
Indeno[1,2,3-Cd]Pyrene	EPA-8270 SIM	U	UG/L	0.020	06/06/2023	DBA
Dibenz[A,H]Anthracene	EPA-8270 SIM	U	UG/L	0.027	06/06/2023	DBA

U - Analyte analyzed for but not detected at level above reporting limit.

MB-052523W - Batch 194367 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Lead (Dissolved)	EPA-200.8	U	UG/L	1.0	05/26/2023	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 6/6/2023
ALS SDG#: EV23050173
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 194285 - Water by NWTPH-GX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Volatile Range - BS	NWTPH-GX	**98.5**			66.5	122.7	05/25/2023	GAP
TPH-Volatile Range - BSD	NWTPH-GX	**101**	**3**		66.5	122.7	05/25/2023	GAP

ALS Test Batch ID: 194285 - Water by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	**95.9**			83	120	05/25/2023	GAP
Benzene - BSD	EPA-8021	**102**	**6**		83	120	05/25/2023	GAP
Toluene - BS	EPA-8021	**99.0**			85	120	05/25/2023	GAP
Toluene - BSD	EPA-8021	**105**	**6**		85	120	05/25/2023	GAP
Ethylbenzene - BS	EPA-8021	**99.0**			85	120	05/25/2023	GAP
Ethylbenzene - BSD	EPA-8021	**106**	**7**		85	120	05/25/2023	GAP
Xylenes - BS	EPA-8021	**98.4**			85	120	05/25/2023	GAP
Xylenes - BSD	EPA-8021	**105**	**6**		85	120	05/25/2023	GAP

ALS Test Batch ID: 194390 - Water by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**102**			67	125.2	05/26/2023	DHM
TPH-Diesel Range - BSD	NWTPH-DX	**103**	**2**		67	125.2	05/26/2023	DHM

ALS Test Batch ID: 194497 - Water by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dichlorodifluoromethane - BS	EPA-8260	**186**		SQ1	50	150	05/30/2023	DLC
Dichlorodifluoromethane - BSD	EPA-8260	**173**	**8**	SQ1	50	150	05/30/2023	DLC
Chloromethane - BS	EPA-8260	**138**			50	150	05/30/2023	DLC
Chloromethane - BSD	EPA-8260	**133**	**3**		50	150	05/30/2023	DLC
Vinyl Chloride - BS	EPA-8260	**120**			50	150	05/30/2023	DLC
Vinyl Chloride - BSD	EPA-8260	**114**	**5**		50	150	05/30/2023	DLC
Bromomethane - BS	EPA-8260	**92.0**			50	150	05/30/2023	DLC
Bromomethane - BSD	EPA-8260	**93.6**	**2**		50	150	05/30/2023	DLC
Chloroethane - BS	EPA-8260	**120**			50	150	05/30/2023	DLC
Chloroethane - BSD	EPA-8260	**116**	**3**		50	150	05/30/2023	DLC
Carbon Tetrachloride - BS	EPA-8260	**109**			50	150	05/30/2023	DLC
Carbon Tetrachloride - BSD	EPA-8260	**105**	**4**		50	150	05/30/2023	DLC
Trichlorofluoromethane - BS	EPA-8260	**120**			50	150	05/30/2023	DLC
Trichlorofluoromethane - BSD	EPA-8260	**113**	**6**		50	150	05/30/2023	DLC
1,1-Dichloroethene - BS	EPA-8260	**112**			72.5	136	05/30/2023	DLC

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CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 6/6/2023
ALS SDG#: EV23050173
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
1,1-Dichloroethene - BSD	EPA-8260	**108**	**4**		72.5	136	05/30/2023	DLC
Methylene Chloride - BS	EPA-8260	**106**			50	150	05/30/2023	DLC
Methylene Chloride - BSD	EPA-8260	**109**	**3**		50	150	05/30/2023	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	**112**			50	150	05/30/2023	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	**108**	**3**		50	150	05/30/2023	DLC
1,1-Dichloroethane - BS	EPA-8260	**111**			50	150	05/30/2023	DLC
1,1-Dichloroethane - BSD	EPA-8260	**109**	**2**		50	150	05/30/2023	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	**110**			50	150	05/30/2023	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	**109**	**1**		50	150	05/30/2023	DLC
2,2-Dichloropropane - BS	EPA-8260	**116**			50	150	05/30/2023	DLC
2,2-Dichloropropane - BSD	EPA-8260	**110**	**5**		50	150	05/30/2023	DLC
Bromochloromethane - BS	EPA-8260	**103**			50	150	05/30/2023	DLC
Bromochloromethane - BSD	EPA-8260	**102**	**0**		50	150	05/30/2023	DLC
Chloroform - BS	EPA-8260	**97.0**			50	150	05/30/2023	DLC
Chloroform - BSD	EPA-8260	**95.4**	**2**		50	150	05/30/2023	DLC
1,1,1-Trichloroethane - BS	EPA-8260	**113**			50	150	05/30/2023	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	**109**	**4**		50	150	05/30/2023	DLC
1,1-Dichloropropene - BS	EPA-8260	**113**			50	150	05/30/2023	DLC
1,1-Dichloropropene - BSD	EPA-8260	**109**	**4**		50	150	05/30/2023	DLC
1,2-Dichloroethane - BS	EPA-8260	**106**			50	150	05/30/2023	DLC
1,2-Dichloroethane - BSD	EPA-8260	**106**	**0**		50	150	05/30/2023	DLC
Trichloroethene - BS	EPA-8260	**105**			74.4	141	05/30/2023	DLC
Trichloroethene - BSD	EPA-8260	**102**	**3**		74.4	141	05/30/2023	DLC
1,2-Dichloropropane - BS	EPA-8260	**112**			50	150	05/30/2023	DLC
1,2-Dichloropropane - BSD	EPA-8260	**111**	**1**		50	150	05/30/2023	DLC
Dibromomethane - BS	EPA-8260	**114**			50	150	05/30/2023	DLC
Dibromomethane - BSD	EPA-8260	**114**	**0**		50	150	05/30/2023	DLC
Bromodichloromethane - BS	EPA-8260	**115**			50	150	05/30/2023	DLC
Bromodichloromethane - BSD	EPA-8260	**114**	**1**		50	150	05/30/2023	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	**121**			50	150	05/30/2023	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	**121**	**0**		50	150	05/30/2023	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	**107**			50	150	05/30/2023	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	**106**	**1**		50	150	05/30/2023	DLC
1,1,2-Trichloroethane - BS	EPA-8260	**108**			50	150	05/30/2023	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	**108**	**0**		50	150	05/30/2023	DLC
1,3-Dichloropropane - BS	EPA-8260	**109**			50	150	05/30/2023	DLC
1,3-Dichloropropane - BSD	EPA-8260	**110**	**1**		50	150	05/30/2023	DLC
Tetrachloroethylene - BS	EPA-8260	**92.4**			50	150	05/30/2023	DLC
Tetrachloroethylene - BSD	EPA-8260	**87.6**	**5**		50	150	05/30/2023	DLC
Dibromochloromethane - BS	EPA-8260	**113**			50	150	05/30/2023	DLC

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ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 6/6/2023
ALS SDG#: EV23050173
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Dibromochloromethane - BSD	EPA-8260	**114**	**0**		50	150	05/30/2023	DLC
1,2-Dibromoethane - BS	EPA-8260	**106**			50	150	05/30/2023	DLC
1,2-Dibromoethane - BSD	EPA-8260	**107**	**1**		50	150	05/30/2023	DLC
Chlorobenzene - BS	EPA-8260	**108**			73	131	05/30/2023	DLC
Chlorobenzene - BSD	EPA-8260	**107**	**2**		73	131	05/30/2023	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	**110**			50	150	05/30/2023	DLC
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	**109**	**1**		50	150	05/30/2023	DLC
Bromoform - BS	EPA-8260	**106**			50	150	05/30/2023	DLC
Bromoform - BSD	EPA-8260	**106**	**0**		50	150	05/30/2023	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	**110**			50	150	05/30/2023	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	**111**	**1**		50	150	05/30/2023	DLC
1,2,3-Trichloropropane - BS	EPA-8260	**104**			50	150	05/30/2023	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	**106**	**1**		50	150	05/30/2023	DLC
Bromobenzene - BS	EPA-8260	**106**			50	150	05/30/2023	DLC
Bromobenzene - BSD	EPA-8260	**106**	**1**		50	150	05/30/2023	DLC
2-Chlorotoluene - BS	EPA-8260	**106**			50	150	05/30/2023	DLC
2-Chlorotoluene - BSD	EPA-8260	**104**	**2**		50	150	05/30/2023	DLC
4-Chlorotoluene - BS	EPA-8260	**109**			50	150	05/30/2023	DLC
4-Chlorotoluene - BSD	EPA-8260	**108**	**1**		50	150	05/30/2023	DLC
1,3-Dichlorobenzene - BS	EPA-8260	**109**			50	150	05/30/2023	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	**108**	**1**		50	150	05/30/2023	DLC
1,4-Dichlorobenzene - BS	EPA-8260	**110**			50	150	05/30/2023	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	**108**	**2**		50	150	05/30/2023	DLC
1,2-Dichlorobenzene - BS	EPA-8260	**105**			50	150	05/30/2023	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	**104**	**0**		50	150	05/30/2023	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	**105**			50	150	05/30/2023	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	**106**	**1**		50	150	05/30/2023	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	**106**			50	150	05/30/2023	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	**105**	**1**		50	150	05/30/2023	DLC
Hexachlorobutadiene - BS	EPA-8260	**103**			50	150	05/30/2023	DLC
Hexachlorobutadiene - BSD	EPA-8260	**102**	**1**		50	150	05/30/2023	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	**117**			50	150	05/30/2023	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	**116**	**1**		50	150	05/30/2023	DLC

SQ1 - Spike outside of control limits with a high bias. Associated compounds non-detect. No corrective action taken.

ALS Test Batch ID: 194465 - Water by EPA-8270 SIM

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Naphthalene - BS	EPA-8270 SIM	**40.5**			36	118	05/30/2023	DBA
Naphthalene - BSD	EPA-8270 SIM	**38.1**	**6**		36	118	05/30/2023	DBA

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ALS Group USA, Corp dba ALS Environmental

Environmental www.alsglobal.com
RIGHT SOLUTIONS RIGHT PARTNER

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT: Whatcom Environmental Svcs., Inc.
228 E. Champion St., Suite 101
Bellingham, WA 98225

CLIENT CONTACT: Thom Davis
CLIENT PROJECT: Sunset Commons

DATE: 6/6/2023
ALS SDG#: EV23050173
WDOE ACCREDITATION: C601

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
2-Methylnaphthalene - BS	EPA-8270 SIM	**36.3**			20	150	05/30/2023	DBA
2-Methylnaphthalene - BSD	EPA-8270 SIM	**35.1**	**3**		20	150	05/30/2023	DBA
1-Methylnaphthalene - BS	EPA-8270 SIM	**37.2**			20	150	05/30/2023	DBA
1-Methylnaphthalene - BSD	EPA-8270 SIM	**34.3**	**8**		20	150	05/30/2023	DBA
Benzo[A]Anthracene - BS	EPA-8270 SIM	**86.5**			20	150	05/30/2023	DBA
Benzo[A]Anthracene - BSD	EPA-8270 SIM	**83.0**	**4**		20	150	05/30/2023	DBA
Chrysene - BS	EPA-8270 SIM	**91.7**			20	150	05/30/2023	DBA
Chrysene - BSD	EPA-8270 SIM	**85.6**	**7**		20	150	05/30/2023	DBA
Benzo[B]Fluoranthene - BS	EPA-8270 SIM	**90.3**			20	150	05/30/2023	DBA
Benzo[B]Fluoranthene - BSD	EPA-8270 SIM	**83.1**	**8**		20	150	05/30/2023	DBA
Benzo[K]Fluoranthene - BS	EPA-8270 SIM	**73.1**			20	150	05/30/2023	DBA
Benzo[K]Fluoranthene - BSD	EPA-8270 SIM	**67.3**	**8**		20	150	05/30/2023	DBA
Benzo[A]Pyrene - BS	EPA-8270 SIM	**91.7**			20	150	05/30/2023	DBA
Benzo[A]Pyrene - BSD	EPA-8270 SIM	**86.2**	**6**		20	150	05/30/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BS	EPA-8270 SIM	**93.3**			20	150	05/30/2023	DBA
Indeno[1,2,3-Cd]Pyrene - BSD	EPA-8270 SIM	**88.6**	**5**		20	150	05/30/2023	DBA
Dibenz[A,H]Anthracene - BS	EPA-8270 SIM	**93.5**			20	150	05/30/2023	DBA
Dibenz[A,H]Anthracene - BSD	EPA-8270 SIM	**89.1**	**5**		20	150	05/30/2023	DBA

ALS Test Batch ID: 194367 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS MIN	LIMITS MAX	ANALYSIS DATE	ANALYSIS BY
Lead (Dissolved) - BS	EPA-200.8	**92.5**			87.5	107	05/26/2023	EBS
Lead (Dissolved) - BSD	EPA-200.8	**95.6**	**3**	SR1	87.5	107	05/26/2023	EBS

SR1 - RPD outside of control limits.

APPROVED BY

Rob Greer
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 9820 | PHONE 425-356-2600 | FAX 425-356-2626
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Environmental www.alsglobal.com
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Chain of Custody

EV2305017 3

Laboratory 8620 Holly Drive, Everett, WA 98208 USA | +1 425 356 2600

(If viewing electronically, this is a drop down list - click on the address above - a drop down arrow will appear to the right of the address)

Work Order No.:

Date: 5/24/2023 **P. 1 of 1**

Project Manager:	Thom-Harold			**Bill to:**	<----- Same --		
Client Name:	Whatcom Environmental Services			**Company:**	WES		
Address:	228 E Champion #101			**Address:**			
City, State ZIP:	Bellingham,. WA 98225			**City, State ZIP:**			
Email:	tdavis@whatcom-es.com	**Phone:**	360-752-9571	**Email:**		**PO#**	
Project Site:	512 E Sunset	**State:**					
Project Name:	Sunset Commons						
Project Number:							
P.O. Number:							
Sampler's Name:	Thom Davis						

SAMPLE RECEIPT

Temperature (°C):					
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice	
Cooler Custody Seals:	Yes	No	N/A	Total Containers:	

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	NWTPH-Gx	BTEX (8021)	NWTPH-Dx	Metals - Lead (Pb) - dissolved*	Naphthalenes (8270SIM)	cPAHs (8270SIM)	Halogenated Volatiles (8260)
MW-Dup.-1	water	5/23/23	10 AM	1	8	X	X	X	X	X	X	X
MW-1	water	5/23/23	1115	2	8	X	X	X	X	X	X	X
MW-2	water	5/23/23	1215	3	8	X	X	X	X	X	X	X
MW-3	water	5/23/23	1330	4	8	X	X	X	X	X	X	X
MW-4	water	5/23/23	1430	5	8	X	X	X	X	X	X	X
MW-FEB-1	water	5/23/23	1540	6	8	X	X	X	X	X	X	X

TAT

- ■ Routine 10 Day
- ☐ 24 hours * 100%
- ☐ 48 hours* 80%
- ☐ 3 Day* 60%
- ☐ 5 day* 50%

* Please call for availability

Due Date:

Comments

Temp 9.8° C on ice

* metals samples were field filtered

Dissolved	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni,Pb, Sb, Se, Sn, Sr, Tl, V, Zn,
Total	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Tl, V, Zn,

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Thom Davis		5/24/23 @ 840a	AFRESE		05-24-23 @1045

Revised : 5/23/2023

APPENDIX I -
SOIL GAS LABORATORY ANALYTICAL DATA REPORT

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Avenue South
Seattle, WA 98108
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

March 28, 2023

Harold Cashman, Project Manager
Whatcom Environmental Services
228 E. Champion St Suite 101
Bellingham, WA 98225

Dear Mr Cashman:

Included are the results from the testing of material submitted on March 21, 2023 from the Sunset Commons, F&BI 303322 project. There are 6 pages included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: hcashman@whatcom-es.com
NAA0328R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on March 21, 2023 by Friedman & Bruya, Inc. from the Whatcom Environmental Services Sunset Commons, F&BI 303322 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Whatcom Environmental Services
303322 -01	SV-1
303322 -02	WES-DUP-1

All quality control requirements were acceptable.

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	SV-1	Client:	Whatcom Environmental Services
Date Received:	03/21/23	Project:	Sunset Commons, F&BI 303322
Date Collected:	03/17/23	Lab ID:	303322-01 1/11
Date Analyzed:	03/22/23	Data File:	032127.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	83	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	3.4	1.3
2-Propanol	<95	<38
trans-1,2-Dichloroethene	<4.4	<1.1
cis-1,2-Dichloroethene	<4.4	<1.1
Trichloroethene	<1.2	<0.22
Tetrachloroethene	<75	<11

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	WES-DUP-1	Client:	Whatcom Environmental Services
Date Received:	03/21/23	Project:	Sunset Commons, F&BI 303322
Date Collected:	03/17/23	Lab ID:	303322-02 1/9.1
Date Analyzed:	03/22/23	Data File:	032128.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	86	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	4.4	1.7
2-Propanol	<78	<32
trans-1,2-Dichloroethene	<3.6	<0.91
cis-1,2-Dichloroethene	<3.6	<0.91
Trichloroethene	<0.98	<0.18
Tetrachloroethene	<62	<9.1

Analysis For Volatile Compounds By Method TO-15

Client Sample ID:	Method Blank	Client:	Whatcom Environmental Services
Date Received:	Not Applicable	Project:	Sunset Commons, F&BI 303322
Date Collected:	Not Applicable	Lab ID:	03-0663 MB
Date Analyzed:	03/21/23	Data File:	032112.D
Matrix:	Air	Instrument:	GCMS7
Units:	ug/m3	Operator:	bat

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
4-Bromofluorobenzene	82	70	130

Compounds:	Concentration ug/m3	ppbv
Vinyl chloride	<0.26	<0.1
2-Propanol	<8.6	<3.5
trans-1,2-Dichloroethene	<0.4	<0.1
cis-1,2-Dichloroethene	<0.4	<0.1
Trichloroethene	<0.11	<0.02
Tetrachloroethene	<6.8	<1

Date of Report: 03/28/23
Date Received: 03/21/23
Project: Sunset Commons, F&BI 303322

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 303269-01 1/4.7 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 30)
Vinyl chloride	ug/m3	<1.2	<1.2	nm
2-Propanol	ug/m3	<40	<40	nm
trans-1,2-Dichloroethene	ug/m3	<1.9	<1.9	nm
cis-1,2-Dichloroethene	ug/m3	<1.9	<1.9	nm
Trichloroethene	ug/m3	<0.51	<0.51	nm
Tetrachloroethene	ug/m3	<32	<32	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Vinyl chloride	ug/m3	35	86	70-130
2-Propanol	ug/m3	33	77	70-130
trans-1,2-Dichloroethene	ug/m3	54	92	70-130
cis-1,2-Dichloroethene	ug/m3	54	88	70-130
Trichloroethene	ug/m3	73	103	70-130
Tetrachloroethene	ug/m3	92	120	70-130

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased high; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

303322

SAMPLE CHAIN OF CUSTODY 03/21/23

Report To Herab Rashman

Company Whatcom Environmental Services

Address 229 E Champion St. Suite 101

City, State, ZIP Bellingham, WA 98225

Phone 360-752-9571 Email hrashman@whatcom-es.com

SAMPLERS (*signature*)	
PROJECT NAME & ADDRESS: Sunset Commons	PO #
NOTES:	INVOICE TO

Page # _____ of _____

TURNAROUND TIME

~~Standard~~

RUSH _____

Rush charges authorized by: _____

SAMPLE DISPOSAL

~~Default: Clean following~~ final report delivery

Hold (Fee may apply): _____

SAMPLE INFORMATION										ANALYSIS REQUESTED							
Sample Name	Lab ID	Canister ID	Flow Cont. ID	Reporting Level: IA=Indoor Air SG=Soil Gas (Circle One)	Date Sampled	Initial Vac. ("Hg)	Field Initial Time	Final Vac. ("Hg)	Field Final Time	TO15 Full Scan	TO15 BTEXN	TO15 cVOCs	APH	Helium	TCE & Breakdown Products	Isopropyl Alcohol	Notes
SV-1	01	9980	55	IA / ~~SG~~	3/17/23	28"	13:20	11"	13:30						X	X	
WES-DUP-1	02	8530	108	IA / ~~SG~~	1	230"	12:20	9"	12:55						1	1	
				IA / SG													
				IA / SG													
				IA / SG													
				IA / SG													
				IA / SG		Samples received at 19 °C											
				IA / SG													
				IA / SG													

Friedman & Bruya, Inc.
5500 4th Avenue South
Seattle, WA 98108
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Matt Roberts	Whatcom Environmental	3/20/23	10:30
Received by:	Nhan Phan	FEBI	3/21/23	1010
Relinquished by:				
Received by:				

FORMS\COC\COCTO-15.DOC

APPENDIX J -
TERRESTRIAL ECOLOGICAL EVALUATION

Voluntary Cleanup Program

Washington State Department of Ecology
Toxics Cleanup Program

TERRESTRIAL ECOLOGICAL EVALUATION FORM

Under the Model Toxics Control Act (MTCA), a terrestrial ecological evaluation is necessary if hazardous substances are released into the soils at a Site. In the event of such a release, you must take one of the following three actions as part of your investigation and cleanup of the Site:

1. Document an exclusion from further evaluation using the criteria in WAC 173-340-7491.
2. Conduct a simplified evaluation as set forth in WAC 173-340-7492.
3. Conduct a site-specific evaluation as set forth in WAC 173-340-7493.

When requesting a written opinion under the Voluntary Cleanup Program (VCP), you must complete this form and submit it to the Department of Ecology (Ecology). The form documents the type and results of your evaluation.

Completion of this form is not sufficient to document your evaluation. You still need to document your analysis and the basis for your conclusion in your cleanup plan or report.

If you have questions about how to conduct a terrestrial ecological evaluation, please contact the Ecology site manager assigned to your Site. For additional guidance, please refer to https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Terrestrial-ecological-evaluation.

Step 1: IDENTIFY HAZARDOUS WASTE SITE	
Please identify below the hazardous waste site for which you are documenting an evaluation.	
Facility/Site Name: WA DOT Bellingham Maintenance	
Facility/Site Address: 512 Sunset Dr. Bellingham, WA 98225	
Facility/Site No: 84242359	VCP Project No.: NW3385

Step 2: IDENTIFY EVALUATOR			
Please identify below the person who conducted the evaluation and their contact information.			
Name: Thomas Davis			Title: Consulting Scientist
Organization: ALL4 LLC			
Mailing address: 228 E. Champion Street Suite 101			
City: Bellingham		State: WA	Zip code: 98225
Phone: 360-752-9571	Fax:	E-mail: tdavis@all4inc.com	

Step 3: DOCUMENT EVALUATION TYPE AND RESULTS

A. Exclusion from further evaluation.

1. Does the Site qualify for an exclusion from further evaluation?

☒ Yes *If you answered **"YES,"** then answer **Question 2**.*

☐ No or Unknown *If you answered **"NO" or "UNKNOWN,"** then skip to **Step 3B** of this form.*

2. What is the basis for the exclusion? *Check all that apply. Then skip to **Step 4** of this form.*

Point of Compliance: WAC 173-340-7491(1)(a)

☐ All soil contamination is, or will be,* at least 15 feet below the surface.

☐ All soil contamination is, or will be,* at least 6 feet below the surface (or alternative depth if approved by Ecology), and institutional controls are used to manage remaining contamination.

Barriers to Exposure: WAC 173-340-7491(1)(b)

☐ All contaminated soil, is or will be,* covered by physical barriers (such as buildings or paved roads) that prevent exposure to plants and wildlife, and institutional controls are used to manage remaining contamination.

Undeveloped Land: WAC 173-340-7491(1)(c)

☒ There is less than 0.25 acres of contiguous[#] undeveloped[±] land on or within 500 feet of any area of the Site and any of the following chemicals is present: chlorinated dioxins or furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, heptachlor epoxide, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, or pentachlorobenzene.

☐ For sites not containing any of the chemicals mentioned above, there is less than 1.5 acres of contiguous[#] undeveloped[±] land on or within 500 feet of any area of the Site.

Background Concentrations: WAC 173-340-7491(1)(d)

☐ Concentrations of hazardous substances in soil do not exceed natural background levels as described in WAC 173-340-200 and 173-340-709.

* An exclusion based on future land use must have a completion date for future development that is acceptable to Ecology.

[±] "Undeveloped land" is land that is not covered by building, roads, paved areas, or other barriers that would prevent wildlife from feeding on plants, earthworms, insects, or other food in or on the soil.

[#] "Contiguous" undeveloped land is an area of undeveloped land that is not divided into smaller areas of highways, extensive paving, or similar structures that are likely to reduce the potential use of the overall area by wildlife.

B. Simplified evaluation.

1. Does the Site qualify for a simplified evaluation?

☒ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☐ No or Unknown *If you answered **"NO"** or **"UNKNOWN,"** then skip to **Step 3C** of this form.*

2. Did you conduct a simplified evaluation?

☒ Yes *If you answered **"YES,"** then answer **Question 3** below.*

☐ No *If you answered **"NO,"** then skip to **Step 3C** of this form.*

3. Was further evaluation necessary?

☐ Yes *If you answered **"YES,"** then answer **Question 4** below.*

☒ No *If you answered **"NO,"** then answer **Question 5** below.*

4. If further evaluation was necessary, what did you do?

☐ Used the concentrations listed in Table 749-2 as cleanup levels. *If so, then skip to **Step 4** of this form.*

☐ Conducted a site-specific evaluation. *If so, then skip to **Step 3C** of this form.*

5. If no further evaluation was necessary, what was the reason? *Check all that apply. Then skip to **Step 4** of this form.*

Exposure Analysis: WAC 173-340-7492(2)(a)

☐ Area of soil contamination at the Site is not more than 350 square feet.

☒ Current or planned land use makes wildlife exposure unlikely. Used Table 749-1.

Pathway Analysis: WAC 173-340-7492(2)(b)

☐ No potential exposure pathways from soil contamination to ecological receptors.

Contaminant Analysis: WAC 173-340-7492(2)(c)

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations that exceed the values listed in Table 749-2.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations that exceed the values listed in Table 749-2, and institutional controls are used to manage remaining contamination.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays, and institutional controls are used to manage remaining contamination.

C. Site-specific evaluation. A site-specific evaluation process consists of two parts: (1) formulating the problem, and (2) selecting the methods for addressing the identified problem. Both steps require consultation with and approval by Ecology. *See* WAC 173-340-7493(1)(c).

1. Was there a problem? *See* WAC 173-340-7493(2).

☐ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☐ No *If you answered **"NO,"** then identify the reason here and then skip to **Question 5** below:*

- ☐ No issues were identified during the problem formulation step.
- ☒ While issues were identified, those issues were addressed by the cleanup actions for protecting human health.

2. What did you do to resolve the problem? *See* WAC 173-340-7493(3).

- ☐ Used the concentrations listed in Table 749-3 as cleanup levels. *If so, then skip to **Question 5** below.*
- ☐ Used one or more of the methods listed in WAC 173-340-7493(3) to evaluate and address the identified problem. *If so, then answer **Questions 3 and 4** below.*

3. If you conducted further site-specific evaluations, what methods did you use?
Check all that apply. See WAC 173-340-7493(3).

- ☐ Literature surveys.
- ☐ Soil bioassays.
- ☐ Wildlife exposure model.
- ☐ Biomarkers.
- ☐ Site-specific field studies.
- ☐ Weight of evidence.
- ☐ Other methods approved by Ecology. If so, please specify:

4. What was the result of those evaluations?

- ☐ Confirmed there was no problem.
- ☐ Confirmed there was a problem and established site-specific cleanup levels.

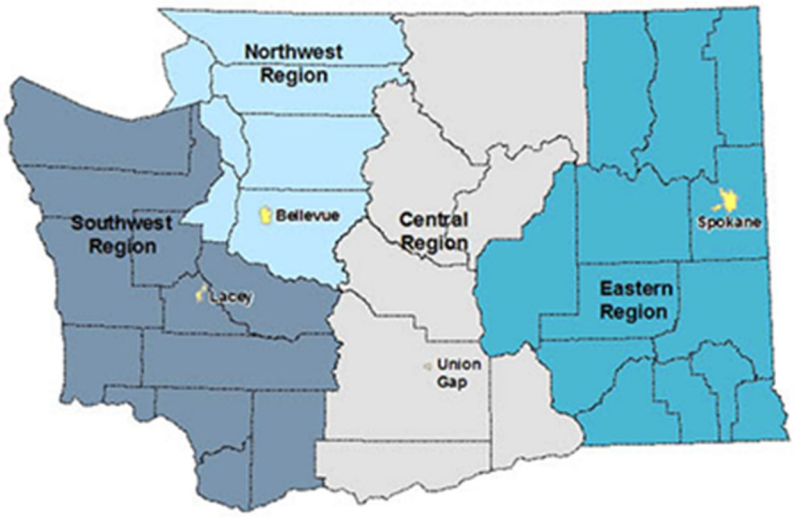
5. Have you already obtained Ecology's approval of both your problem formulation and problem resolution steps?

☐ Yes If so, please identify the Ecology staff who approved those steps:

☐ No

Step 4: SUBMITTAL

Please mail your completed form to the Ecology site manager assigned to your Site. If a site manager has not yet been assigned, please mail your completed form to the Ecology regional office for the County in which your Site is located.



Northwest Region: Attn: VCP Coordinator 3190 160th Ave. SE Bellevue, WA 98008-5452	**Central Region:** Attn: VCP Coordinator 1250 West Alder St. Union Gap, WA 98903-0009
Southwest Region: Attn: VCP Coordinator P.O. Box 47775 Olympia, WA 98504-7775	**Eastern Region:** Attn: VCP Coordinator N. 4601 Monroe Spokane WA 99205-1295

If you need this publication in an alternate format, please call the Toxics Cleanup Program at 360-407-7170. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call 877-833-6341.



Site Map

Buffer (500 ft)

Site Boundary (Area of Potential Contamination)

All data are approximate and should be used for relative location reference only.

Prepared for:

Sunset Commons Development Group

Prepared by:

ALL4

512 E. Sunset
Bellingham, WA

Sunset Commons PCS

9/19/2022

Figure J-1

APPENDIX K -
HEIDLEBERG CERTIFICATE OF DISPOSAL (PCS)

Release of Liability/Certificate of Disposal

COWDEN GRAVEL & READY-MIX INC. & their client: are released from liability for all petroleum contaminated soil originating from:

SUNSET COMMONS Project
512 East Sunset Drive.
Bellingham WA. 98225

And transported to:

HEIDELBERG MATERIALS
Soil Remediation Facility
17 East Marine View Drive
Everett WA 98201

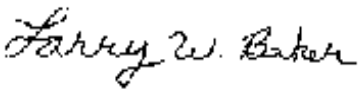
From 06/17/1011 through 12/13/2023

A total of 6456.24 tons of Class 3 petroleum-contaminated soil were transported to the above facility. The material was disposed of in the following manner:

Thermal Desorption/Landfill for Reclamation

Disposal of the contaminated soil was performed in accordance with all applicable federal, state, and local laws / regulations.

Signed: Date: February 7, 2024



Larry W. Baker

Manager

Heidelberg Materials Inc.
Soil Remediation Division
17 East Marine View
Drive, Everett WA,
98201
(425)-210-8429

APPENDIX L -
REPUBLIC CERTIFICATES OF DISPOSAL (TCE)

CERTIFICATE OF DESTRUCTION

I, Jeff Sichmeller, of Republic Services (RSI Facility), hereby certify that the entire product described in Section A has
been properly and legally disposed of in Roosevelt Regional MSW Landfill on October 31, 2023 (attach any appropriate documentation).

I understand that due to potential concerns related to such things as health, quality, and loss of goodwill, Cowden Inc. does not want this product to be distributed to consumers, even through so called "distressed merchandise" channels of trade, and I further certify that these items were destroyed in such a manner that it cannot be sold, and that the company has taken every reasonable step to prevent resale of said items.

Name (print): Jeff Sichmeller

Signature: _____

Title: BU Finance Mgr Post Collection

Date: 02/05/2024

Section A- Products Destroyed (attached additional sheets if needed):

Waste Profile Number (if applicable): TB-16270 # 41782316270

Description of Product	*Quantity or Weight*
Contained in Contaminated Soil	895.84/TN

CERTIFICATE OF DESTRUCTION

I, Jeff Sichmeller, of Republic Services (RSI Facility), hereby certify that the entire product described in Section A has
been properly and legally disposed of in Roosevelt Regional MSW Landfill on May 13, 2023 thru November 21, 2023 (attach any appropriate documentation).

I understand that due to potential concerns related to such things as health, quality, and loss of goodwill, Cowden Inc. does not want this product to be distributed to consumers, even through so called "distressed merchandise" channels of trade, and I further certify that these items were destroyed in such a manner that it cannot be sold, and that the company has taken every reasonable step to prevent resale of said items.

Name (print): Jeff Sichmeller

Signature: _____

Title: BU Finance Mgr Post Collection

Date: 02/05/2024

Section A- Products Destroyed (attached additional sheets if needed):

Waste Profile Number (if applicable): TB-5470 #4178235470

Description of Product	*Quantity or Weight*
Contained in Contaminated Soil	6,318.79/TN

APPENDIX M -
WATER DISPOSAL MANIFESTS

#793

Please print or type. 501736 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
WAD981772320	1	888-785-7225	024062951 JJK

GENERATOR

5. Generator's Name and Mailing Address
Sunset Commons LLC
512 East Sunset Drive
Issaquah, WA 98225
Generator's Phone: 360-739-7625

5. Generator's Site Address (if different than mailing address)
(888) 785-7225

6. Transporter 1 Company Name: MB Environmental Services, Inc.
U.S. EPA ID Number: ORT000824247

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Chemical Waste Management
17629 Cedar Springs Lane
Arlington, OR 97812-9709
Facility's Phone: (541) 454-2020
U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, Hazardous waste, liquid, n.o.s. (GROUNDWATER, TETRACHLOROETHYLENE), 9, PGIII	1	TT	EV 3810 ~~5,000~~	G	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ERG # 171; OR355143 SUC - 1X TT Project Number 476418 Document # : D681626
3810 G

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: See Attachment | Signature | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Efrain Vega	Efrain Vega	12	14	23
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Weight Changed By Driver on 12/5/23 Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
Dawn Dunlap		12	15	23

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

BMS

793

Please print or type. 501736 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 888-785-7225	4. Manifest Tracking Number 024062951 JJK

5. Generator's Name and Mailing Address WAD981772320 (888) 785-7225

Sunset Commons LLC
912 East Sunset Drive
Generator Bellingham, WA 98225

5. Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name 360-739-7625 — U.S. EPA ID Number

7. Transporter 2 Company Name LRP Environmental Services, Inc. — U.S. EPA ID Number CAT000626247

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Chemical Waste Management
17629 Cedar Springs Lane
Facility Arlington, OR 97812-9709 (541) 454-2338 — ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, Hazardous waste, liquid, n.o.s. (GROUNDWATER, ~~TETRACHLOROETHYLENE), 9, PGIII~~	1	TT	EV 3810 ~~5,000~~	G	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

ERG # 171, OR355143 SUC - 1X TT Project Number 476418 Document # D681626 3810 Gn

~~Profile: OR355143~~

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Kyle Satterthwaite (on behalf of Generator) — Signature: KS — Month: 12 — Day: 4 — Year: 23

TRANSPORTER INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Efrain Vega — Signature: EVega — Month: 12 — Day: 4 — Year: 23

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Weight Changed By Driver on 12/5/23 Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Dawn Dodge — Signature — Month: 12 — Day: 5 — Year: 23

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

#268

501727

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAD981772320	1	888-785-7225	018128391 FLE

AFFIX TO RIGHT SIDE OF ALL HAZARDOUS MATERIALS BILLS AT LINE SO TAB WILL STICK OUT

HAZTAB / G C LABEL 1-800-997-6966

GENERATOR

5. Generator's Name and Mailing Address
Sunset Commons LLC
512 East Sunset Drive
Bellingham, WA 98225
Generator's Phone: 360-739-7625

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Advanced Chemical Transport Inc./DBA ACTenviro — U.S. EPA ID Number: CAR000070540

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Chemical Waste Management of the Northwest
17629 Cedar Springs Lane
Arlington, OR 97812
Facility's Phone: 541-454-2030

U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, Hazardous waste, liquid, n.o.s (GROUNDWATER, TETRACHLOROETHYLENE), 9, PGIII	01	TT	DD 4554 4,700	G	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1) ERG#171; OR355143 SUC-IKTT
Project Number 478574 Document #: D584874

Trailer # 1093

4554G

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dale Dawson ON BEHALF OF SUNSET COMMONS — Signature: Dale Dawson — Month 12 Day 4 Year 23

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Dale Dawson — Signature: Dale Dawson — Month 12 Day 4 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Weight Charged By Driver pwo 12/5/23 Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
BMS 12.5.23 H039 H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Dawn Dale — Signature — Month 12 Day 5 Year 23

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

BMS

289

501967

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: WAD981772320
2. Page 1 of: 1
3. Emergency Response Phone: 888-785-7225
4. Manifest Tracking Number: 018054031 FLE

GENERATOR

5. Generator's Name and Mailing Address
Sunset Commons LLC
512 East Sunset Drive
Bellingham, WA 98225
Generator's Phone: 360 739 7625

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Advanced Chemical Transport Inc./DBA ACTenviro
U.S. EPA ID Number: CAR000070540

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Chemical Waste Management of the Northwest
17629 Cedar Springs Lane
Arlington, OR 97812
Facility's Phone: 541 454 2030
U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, Hazardous waste, liquid, n.o.s (GROUNDWATER, TETRACHLOROETHYLENE), 9, PGIII	1	TT	410 ~~550~~	G	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Project Number 480396 Document #: D587266
1) ERG#171; OR355143 SUC- 1 X TT (550 gal)
4100 P.
410 G.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Christopher Johnson (signed on behalf of Generator) Signature: [signature] Month 12 Day 11 Year 23

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Christopher Johnson Signature: [signature] Month 12 Day 11 Year 23

Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Driver corrected weight. MW 12.14.23 Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Morgan Wolf Signature: [signature] Month 12 Day 14 Year 23

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

BMS

Larry

Please print or type. 497848 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAD981772320	1	888-785-7225	018039044 FLE

AFFIX TO RIGHT SIDE OF ALL HAZARDOUS MATERIALS BILLS AT LINE SO TAB WILL STICK OUT
HAZTAB / G C LABEL 1-800-997-6966

5. Generator's Name and Mailing Address
Sunset Commons LLC
512 East Sunset Drive
Bellingham, WA 98225
Generator's Phone: 360-739-7625

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Advanced Chemical Transport Inc./DBA ACTenviro — U.S. EPA ID Number: CAR000070540

7. Transporter 2 Company Name: CWM — U.S. EPA ID Number: ORD089452353

8. Designated Facility Name and Site Address
Chemical Waste Management of the Northwest
17629 Cedar Springs Lane
Arlington, OR 97812
Facility's Phone: ~~541-454-2030~~
U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, Hazardous waste, liquid, n.o.s., 9, PGIII (GROUNDWATER, TETRACHLOROETHYLENE)	01	TP	250	G	F001 ~~F001~~ (SA)
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1) ERG#171; OR355143 SUC- 1X275g Project Number 444726 Document #: D541644

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Scott Abbs on behalf of Sunset Commons LLC — Signature: [signature] — Month 7 Day 7 Year 23

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Scott Abbs — Signature: [signature] — Month 7 Day 7 Year 23
Transporter 2 Printed/Typed Name: Michael Kahut — Signature: [signature] — Month 7 Day 12 Year 23

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: [illegible] — Signature: [signature] — Month 7 Day 13 Year 23

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.
DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

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Please print or type. 497351 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	WAD981772320	1	888-785-7225	018038979 FLE

5. Generator's Name and Mailing Address
Sunset Commons LLC
512 East Sunset Drive
Bellingham, WA 98225
Generator's Phone: 360-739-7625

Generator's Site Address (if different than mailing address)

AFFIX TO RIGHT SIDE OF ALL HAZARDOUS MATERIALS BILLS AT LINE SO TAB WILL STICK OUT
HAZTAB / G C LABEL 1-800-997-6966

6. Transporter 1 Company Name: Advanced Chemical Transport Inc./DBA ACTenviro — U.S. EPA ID Number: CAR000070540

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Chemical Waste Management of the Northwest
17629 Cedar Springs Lane
Arlington, OR 97812
Facility's Phone: 541-454-2030
U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, Hazardous waste, liquid, n.o.s., 9, PGIII (GROUNDWATER, TETRACHLOROETHYLENE)	01	~~DM~~ TT	4780 ~~TON~~ G		F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1) ERG#171; OR355143 SUC-1xTT Project Number 444726 Document #: D541002

Tanker 1093 4780g.

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Cody Abbs on behalf of Sunset Commons LLC — Signature — Month 6 Day 26 Year 23

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Cody Abbs — Signature — Month 6 Day 26 Year 23
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Morgan Wolf — Signature — Month 06 Day 26 Year 26

EPA Form 8700-22 (Rev. 12-17). Previous editions are obsolete.
DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

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Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
WAD981772320	1	888-785-7225	018128369 FLE

AFFIX TO RIGHT SIDE OF ALL HAZARDOUS MATERIALS BILLS AT LINE SO TAB WILL STICK OUT

HAZTAB / G C LABEL 1-800-997-696

GENERATOR

5. Generator's Name and Mailing Address
Sunset Commons LLC
512 East Sunset Drive
Bellingham, WA 98225
Generator's Phone: 360-739-7625

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Advanced Chemical Transport Inc./DBA ACTenviro — U.S. EPA ID Number: CAR000070540

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Chemical Waste Management of the Northwest
17629 Cedar Springs Lane
Arlington, OR 97812
Facility's Phone: 541-454-2030
U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1 NA3082, Hazardous waste, liquid, n.o.s. (GROUNDWATER, TETRACHLOROETHYLENE), 9, PGIII	01	TT	5,000 ~~TON~~ G	G	F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1) ERG#171; OR355143 SUC-1XTT
Project Number 476418 Document #: D581626
Tanker 1093 5084g.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: on behalf of Cody Abbs Sunset Commons — Signature — Month 11 Day 20 Year 23

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Cody Abbs — Signature — Month 11 Day 20 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Morgan Warr — Signature — Month 11 Day 21 Year 23

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

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Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
WAD981772320	1	888-785-7225	018128264 FLE

AFFIX TO RIGHT SIDE OF ALL HAZARDOUS MATERIALS BILLS AT LINE SO TAB WILL STICK OUT
HAZTAB / G C LABEL 1-800-997-6966

GENERATOR

5. Generator's Name and Mailing Address
Sunset Commons LLC
512 East Sunset Drive
Bellingham, WA 98225
Generator's Phone: 360-739-7625

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Advanced Chemical Transport Inc./DBA ACTenviro — U.S. EPA ID Number: CAR000070540

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Chemical Waste Management of the Northwest
17629 Cedar Springs Lane
Arlington, OR 97812
Facility's Phone: 541-454-2030
U.S. EPA ID Number: ORD089452353

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, Hazardous waste, liquid, n.o.s., 9, PGIII (GROUNDWATER, TETRACHLOROETHYLENE)	01	TT	3,160 ~~TON~~ GD G		F001
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Project Number 467940 Document #: D570300
1) ERG#171; OR355143 SUC-1-TT

Truck 268 - trailer 1093 3200g.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: ~~Matt Peterson~~ Dale Dawson on behalf of Sunset Commons — Signature: [signature] — Month 10 Day 10 Year 23

TRANSPORTER INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Dale Dawson — Signature: [signature] — Month 10 Day 10 Year 23

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H132			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: [illegible] — Signature: [signature] — Month 10 Day 10 Year 23

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

APPENDIX N -
LIMITATIONS

LIMITATIONS

No site investigation can wholly eliminate uncertainty regarding the potential for contamination in connection with a property. Performance of this investigation by ALL4 LLC. is intended to reduce, but not eliminate, uncertainty regarding the potential for environmental contamination in connection with the site.

The interpretation of subsurface soil and groundwater conditions is based on ALL4's field observations and chemical analytical data collected from relatively widely spaced sampling locations at the site. It is possible that contamination exists beneath portions of the site that were not explored, sampled, or analyzed. No warranty, express or implied, is given regarding the presence of hidden or unidentified sources of contamination of the site. In addition, no warranty, express or implied is given regarding geotechnical or geologic hazards.

This environmental report is based on conditions that existed at the time the investigation was performed and samples collected. The findings and conclusions of this report may be affected by the passage of time, by manmade events such as construction on or adjacent to the site, or by natural events such as floods, earthquakes, ground instability, or groundwater fluctuations.

Within the limitations of scope, schedule, and budget, our services have been executed in accordance with generally accepted environmental practices in this area at the time this report was prepared. No warranty or other conditions, express or implied, should be understood.

This report has been prepared for use by Sunset Commons LLC. ALL4 prepares a report for the client's exclusive use for a particular project and in accordance with generally accepted practices at the time of investigation. This report was prepared for exclusive use by the client and its agents and may not be used, relied upon, or assigned to a third party without written consent from ALL4. This report is not intended for use by others, and the information contained herein is not applicable to other sites. This report may be made available to regulatory agencies.