CLEANUP ACTION REPORT

Mount Baker Properties Site
2800 S. McClellan St., 2800 MLK Jr. Way S
Seattle, Washington
PPCD No. 16-2-29584-3 SEA
Facility ID #96127971
Cleanup Site ID #13054

Prepared for: Mt. Baker Housing Association

Project No. 160324 • September 28, 2023 • FINAL

Aspect
A Geosyntec Company

earth + water

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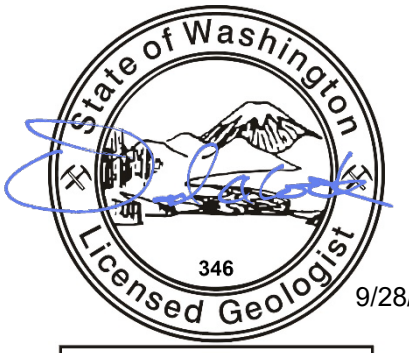
Aspect Consulting, LLC



9/28/2023

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Acronyms

ACMR	Annual Compliance Monitoring Report
AEG	Associated Environmental Group
AO	Administrative Order
Aspect	Aspect Consulting, LLC
bgs	below ground surface
BOE	base of excavation
BTEX	benzene, toluene, ethylbenzene, and xylenes
CAP	Cleanup Action Plan
CAR	Cleanup Action Report
cDCE	cis-1,2-dichloroethene
CDF	controlled-density fill
CFR	Code of Federal Regulations
CID	Contained-In Determination
CMMP	Contaminated Media Management Plan
CMP	Compliance Monitoring Plan
COC	contaminants of concern
CPT	cone penetration test
CSM	conceptual site model
CSWGP	Construction Stormwater General Permit
cVOC	carcinogenic volatile organic compounds
Ecology	Washington State Department of Ecology
EDR	Engineering Design Report
EPA	U.S. Environmental Protection Agency
ISCR	*in situ* chemical reduction
MBHA	Mt. Baker Housing Association
mg/L	milligrams per liter
µg/L	micrograms per liter
MNA	monitored natural attenuation

MTCA	Model Toxics Control Act
PAH	polycyclic aromatic hydrocarbons
PCE	tetrachloroethene
PID	photoionization detector
PPCD	Prospective Purchaser Consent Decree
ppm	parts per million
QAAP	Quality Assurance Project Plan
RAO	remedial action objective
RCRA	Resource Conservation and Recovery Act
RI/FS	Remedial Investigation/Feasibility Study
Rivers Edge	Rivers Edge Environmental Services
ROW	right-of-way
SAP	Sampling Analysis Plan
SPU	Seattle Public Utilities
SUUMP	Street Use Utility Major Permit
SWPPP	Stormwater Pollution Prevention Plan
TCE	trichloroethene
TCLP	Toxicity Characteristic Leaching Procedure
TOC	total organic carbon
TPH	total petroleum hydrocarbons
TPHd	diesel-range total petroleum hydrocarbons
TPHg	gasoline-range total petroleum hydrocarbons
TPHo	oil-range total petroleum hydrocarbons
UIC	Underground Injection Control
UST	underground storage tank
VC	vinyl chloride
VI	vapor intrusion
WAC	Washington Administrative Code

Executive Summary

Aspect Consulting, LLC (Aspect) has prepared this Cleanup Action Report (CAR; the Report) on behalf of the Mt. Baker Housing Association (MBHA) for the Mount Baker Properties Site (the Site) located along South McClellan Street and Martin Luther King (MLK) Jr. Way South in Seattle, Washington. MBHA owns two parcels located within the Mount Baker Properties Site that MBHA is in the process of redeveloping for affordable housing, creating 203 new transit-oriented affordable housing units near the Mt. Baker Light Rail Station. There are two buildings: Maddux North located on the parcel (King County parcel 003600008) north of South McClellan Street and Maddux South located on the parcel (King County Parcel 003600055) south of South McClellan Street. The MBHA-owned parcels (003600008 and 0003600055) will be referred to collectively as the Property to distinguish the redevelopment property from the Site, which is defined by the Model Toxics Control Act (MTCA) as anywhere contamination has come to be located as a result of releases from a former dry cleaner and gas station.

This CAR was prepared to comply with requirements of a Prospective Purchaser Consent Decree (PPCD) between the Washington State Department of Ecology (Ecology) and MBHA (PPCD No. 16-2-29584-3 SEA).

Remedial Action Objectives

The Remedial Investigation and Feasibility Study (RI/FS; Aspect, 2019) established the following remedial action objectives (RAOs) for the evaluation of remedial alternatives, which the CAP was designed to address:

- **RAO 1:** Reduce concentrations of contaminants of concern (COCs) in soil to meet cleanup standards at the standard point of compliance.
- **RAO 2:** Reduce concentrations of COCs in groundwater to meet cleanup standards at the standard point of compliance within a reasonable time frame.
- **RAO 3:** Reduce concentrations of COCs in soil and groundwater to achieve vapor intrusion-based (VI) cleanup standards for protection of indoor air. Apply engineering controls to protect receptors until VI-based cleanup standards are obtained.

The COCs generally consisted of chlorinated solvents released from a dry cleaner on the Maddux North parcel and petroleum hydrocarbons released from a gas station on the Maddux South parcel. The cleanup action included excavation and disposal of contaminated soil; dewatering to advance the excavations to the depths required to remove the extent of soil contamination; installation of a vapor mitigation system (barriers and underslab ventilation piping) to mitigate chemical vapor intrusion (VI) impacts to the future buildings; and *in situ* chemical reduction (ISCR) injections to treat contaminated groundwater outside the boundaries of the Property.

Pre-Cleanup Activities

Prior to Site cleanup, Aspect produced an Engineering Design Report (EDR; Aspect, 2020b) providing engineering design details on soil removal, water management, and vapor mitigation to occur during the cleanup action.

The EDR included a Contaminated Media Management Plan (CMMP), prepared for use during the remedial investigation. It included six soil management categories for the Site:

- Non-Impacted Soil (Maddux North and Maddux South)
- Impacted Soil (Maddux South)
- Contaminated Soil (Maddux South)
- Contained-In Determination (CID) Soil (Maddux North)
- Dangerous Waste Soil (Maddux North)
- Extremely Hazardous Waste Soil (Maddux North)

Aspect applied for and received a number of required permits for the Site during the remedial cleanup action. Two Construction Stormwater General Permits (CSWGPs) were issued for the project: CSWGP WAR308862 / AO 18108 for Maddux North and CSWGP WAR309090 / AO 18142 for Maddux South; city right-of-way permits and traffic control plans associated with Maddux North construction work; and a Street Use Utility Major Permit (SUUMP) for the ISCR injections in 2022.

A compliance monitoring plan (CMP; Aspect, 2020c) was produced, outlining the soil, groundwater, and vapor compliance monitoring to be completed at the Site during and following implementation of the cleanup action. The soil monitoring plan at Maddux North and Maddux South included performance sampling for COCs on excavation sidewalls and confirmation sampling at the base of the remedial excavation.

Cleanup Action and Compliance Monitoring Summary

As described in Sections 4 and 5, a cleanup action consisting of the elements listed below and compliance groundwater and soil gas monitoring was completed at the Site to:

- Remove contaminated soil and groundwater from Maddux North and South during remedial excavation.
- Treat contaminated groundwater remaining outside of the Maddux North and South parcel boundaries by completing ISCR injections.
- Prevent chemical VI into the new buildings through installation of a chemical vapor barrier and construction of a passive soil gas venting system.
- Evaluate groundwater and soil gas conditions at the Site through compliance monitoring.

The results of the cleanup action and compliance monitoring are summarized by media, in the following sections.

Soil

The cleanup action objective for soil was to reduce concentrations of COCs to meet MTCA Method A unrestricted use cleanup standards. The cleanup action was successful in meeting objectives for soil, as demonstrated by the successful excavation and off-Site disposal of chlorinated solvent-contaminated soil from Maddux North, and petroleum- and chlorinated solvent-contaminated soil from Maddux South. Some inaccessible residual contaminated soil remains beneath ROWs; however, COC concentrations in groundwater were significantly decreased following remedial excavations and *in situ* treatment. Long-term groundwater compliance monitoring will demonstrate that the remaining soil contamination is no longer an ongoing source of groundwater contamination.

Groundwater

The cleanup action objective for groundwater was to reduce concentrations of COCs in groundwater to meet cleanup standards at the Site within a reasonable time frame. It is anticipated that concentrations of COCs, specifically vinyl chloride, in groundwater will take many years to meet cleanup standards throughout the Site. However, actions were taken (in addition to the remedial excavations) to significantly improve the groundwater quality at the Site and reduce the restoration time frame. These actions included successful removal, treatment, and discharge of contaminated groundwater from the Site during construction; ISCR treatment in specific areas of the Site; and monitored natural attenuation (MNA) implemented through long-term compliance monitoring.

Soil Gas and Vapor Intrusion

The cleanup action objective for soil gas was to reduce concentrations of COCs in soil and groundwater, and install engineering controls to prevent VI into the new Maddux North and Maddux South buildings. Passive venting systems and chemically resistant chemical vapor barriers were constructed around the foundations of the buildings at both Maddux North and Maddux South to mitigate potential VI related to remaining contaminated soil and groundwater impacts. The soil gas analytical results from beneath the Maddux North and Maddux South buildings indicate the cleanup actions have successfully reduced soil gas concentrations to below the Site-specific screening levels for those two buildings.

Recommendations

The cleanup action completed at the Mt. Baker Properties Site was effective in reducing contaminant concentrations across all media. In addition, contaminated soil that could feasibly be removed was successfully excavated and transported for off-Site disposal at a permitted landfill. This CAR documents the cleanup actions conducted at the Site through the end of 2022. Additional cleanup actions (such as additional groundwater treatment) will be documented in the Annual Compliance Monitoring Reports (ACMRs), which are required deliverables as part of the Compliance Monitoring Plan (CMP) for the Site. The following is recommended to continue to reduce concentrations of COCs in groundwater and to monitor Site conditions:

- **Additional Groundwater Treatment.** We anticipate additional treatment will significantly accelerate the restoration time frame for COCs in downgradient groundwater to reach Site cleanup levels.

- **Groundwater Compliance Monitoring.** Compliance monitoring will continue on a semiannual basis at all 29 Site wells in June and December 2023. Confirmation monitoring will be deemed complete for upgradient and side gradient monitoring wells that do not contain Site COCs above the Site cleanup levels over the four consecutive compliance monitoring events in 2022 and 2023, and those monitoring wells will be removed from the compliance monitoring program in 2024.
- **Soil Gas Compliance Monitoring.** Based on the chemical analytical results of the **s**oil gas data collected in June and December of 2022 (Section 5.2.3) from the three soil gas probes beneath the Maddux North building and the two soil gas probes beneath the Maddux South buildings, no indoor air sampling is warranted as concentrations of Site COCs in soil gas were beneath the Site soil gas screening levels and each building has a chemical vapor barrier installed underneath the slab. Confirmation monitoring for soil gas will be deemed complete if Site COCs remain below the Site subslab soil gas screening levels over the four consecutive compliance monitoring events in 2022 and 2023 and if groundwater concentrations of Site COCs in the vicinity of the buildings continues to remain stable or decline.

1 Introduction

Aspect Consulting, LLC (Aspect) has prepared this Cleanup Action Report (CAR; the Report) on behalf of the Mt. Baker Housing Association (MBHA) for the Mount Baker Properties Site (the Site) located along South McClellan Street and Martin Luther King (MLK) Jr. Way South in Seattle, Washington. MBHA owns two parcels located within the Mount Baker Properties Site that MBHA is in the process of redeveloping for affordable housing, creating 203 new transit-oriented affordable housing units near the Mt. Baker Light Rail Station. There are two developments: Maddux North located on the parcel (King County parcel 003600008[1]) north of South McClellan Street and Maddux South located on one parcel (King County Parcel 003600055) south of South McClellan Street. The MBHA-owned parcels (003600008 and 0003600055) will be referred to collectively as the Property, in order to distinguish the redevelopment property from the Site, which as defined by the Model Toxics Control Act (MTCA), is anywhere contamination has come to be located as a result of releases of chlorinated solvents from a former dry cleaner and petroleum hydrocarbons from a former gas station.

The Property is shown relative to surrounding physical features on Figure 1, Site Location. The Site and Subject Property are shown on Figure 2, Site Plan and Historical Property Features.

The CAR was prepared to comply with requirements of a Prospective Purchaser Consent Decree (PPCD) between the Washington State Department of Ecology (Ecology) and MBHA (PPCD No. 16-2-29584-3 SEA). The PPCD requires that MBHA prepare a CAR to document the extent and results of the cleanup action completed to meet the requirements of Washington Administrative Code (WAC) 173-340-400(6)(b) that serves as a final Site remedy.

The Ecology-approved cleanup action outlined in the Cleanup Action Plan (CAP; Aspect, 2020a) was "designed to protect human health and the environment from the known release, or threatened release, of hazardous substances or contaminants at, on, or from the Site." The purpose of the CAR is to document cleanup activities completed at the Site from 2020 to 2022. Additional *in situ* groundwater treatment and monitoring is recommended. The design for the additional treatment will be detailed in a forthcoming work plan that will be provided to Ecology for review and comment. The implementation of the treatment and results of continued monitoring will be documented in Annual Compliance Monitoring Reports (ACMRs) as required by the Ecology-approved Compliance Monitoring Plan (CMP; Aspect, 2020c).

1.1 Remedial Action Objectives

MTCA cleanup standards consist of remedial action objectives (RAOs). RAOs consist of chemical- and media-specific goals for protecting human health and the environment. The

[1] This parcel was previously comprised of four parcels (0003600030, 0003600032, 003600008, and 0003600031), as referenced in previous reports for the Site.

RAOs specify the media and contaminants of interest, potential exposure routes and receptors, and proposed cleanup goals. In accordance with MTCA and other applicable regulatory requirements, the objective of the cleanup action at the Site was to eliminate, reduce, or otherwise control to the extent feasible and practicable, risks to human health and the environment posed by hazardous substances in soil, groundwater, and soil gas.

The Remedial Investigation and Feasibility Study (RI/FS; Aspect, 2019) established the following RAOs for the evaluation of remedial alternatives, which the CAP was designed to address:

- **RAO 1:** Reduce concentrations of contaminants of concern (COCs) in soil to meet cleanup standards at the standard point of compliance.
- **RAO 2:** Reduce concentrations of COCs in groundwater to meet cleanup standards at the standard point of compliance within a reasonable time frame.
- **RAO 3:** Reduce concentrations of COCs in soil and groundwater to achieve vapor intrusion-based (VI) cleanup standards for protection of indoor air. Apply engineering controls to protect receptors until VI-based cleanup standards are obtained.

The COCs generally consisted of chlorinated solvents released from a dry cleaner on the Maddux North parcel and petroleum hydrocarbons released from a gas station on the Maddux South parcel. The cleanup action included excavation and disposal of contaminated soil; dewatering to advance the excavations to the depths required to remove the extent of soil contamination; installation of a vapor mitigation system (barriers and underslab ventilation piping) to mitigate chemical vapor intrusion to mitigate VI impacts to the future buildings; and *in situ* chemical reduction injections to treat contaminated groundwater outside the boundaries of the Property. This report presents the results of the cleanup action in reference to the above-defined RAOs.

2 Site Description and Background

2.1 Summary of Source Parcels History and Sources of Contamination

Environmental investigations were completed at Maddux North (the former dry cleaner), in adjacent rights-of-way (ROWs), and on the adjacent property to the north between 2006 and 2017. On Maddux South (the former gas station), environmental investigations and some interim cleanup actions were completed in 1989 and 2018. The PPCD-driven RI encompassing both Maddux North and Maddux South was initiated in 2017. Detailed descriptions of these investigations and interim actions are included in the Remedial Investigation Work Plan (Aspect, 2017) and the RI/FS (Aspect, 2019). A summary of the Site history and the sources of contamination on Maddux North and Maddux South is presented here.

2.1.1 Maddux North Parcel History

The easternmost historical parcel of Maddux North was developed and utilized from as early as 1940 until 2017 as Mt. Baker Cleaners, a dry cleaner utilizing tetrachloroethene (PCE) as a cleaning solvent. Historical records indicate that the northeast portion of the building was used to house the dry-cleaning equipment and for bulk storage of PCE (Figure 2). A heating oil underground storage tank (UST) located against the property boundary in the northeast corner of the building was decommissioned in 2011, and soil sampling around the tank during completion of the RI suggested that the tank may have also been used to store PCE. The northern portion of the building had a concrete slab with no drains, with the exception of a floor drain located in the bathroom, which may have been a potential release point for PCE.

Soil sampling under the slab of the Mt. Baker Cleaners identified PCE at concentrations far exceeding MTCA Method A cleanup levels; some soil contained PCE at concentrations that exceeded the United States Environmental Protection Agency (EPA) and MTCA thresholds for dangerous waste and extremely hazardous waste. PCE was detected in groundwater across the Maddux North parcel and into the ROWs of South McClellan Street and MLK Jr. Way South. PCE breakdown constituents have been detected in groundwater wells downgradient of the Mt. Baker Cleaners source location, on the Maddux South parcel, and downgradient of Maddux South in the ROW of MLK Jr. Way South. For additional details on the nature and extent of chlorinated solvent contamination in soil and groundwater prior to implementation of the cleanup action, refer to the RI/FS (Aspect, 2019).

2.1.2 Maddux South Parcel History

The Maddux South parcel was developed as a gasoline-service station from approximately 1954 through the 1990s operating under Tidewater Oil (also listed in city directories as Associates Gas Station) from 1954 to 1966, Phillips Petroleum (listed as Phillips Gas Station) from 1966 through 1974; and Rainier Bonanza Self-Serve in the 1970s to 1990s. The building operated as an auto detail shop from the 1990s until 2014. During its history, the property contained a heating oil UST, fuel islands and pumps, four petroleum USTs, an oil-water separator, and two hydraulic hoists.

Soil and groundwater sampling on the Maddux South property during the RI indicated that the USTs and other service station equipment were sources of contamination to soil and groundwater of petroleum-related COCs, including gasoline-, diesel-, and oil-range total petroleum hydrocarbons (TPHg, TPHd, and TPHo, respectively), and benzene, toluene, ethylbenzene, and total xylenes (BTEX). Shallow soil on the property contained concentrations of PCE, potentially from surface spills from the former auto detail shop. Groundwater beneath the Maddux South property was also determined to be impacted by the PCE groundwater plume sourced from the Mt. Baker Cleaners property. PCE contamination at the parcel could have also resulted from parts washing in the former service garage during operation of the facility as a service station. For additional details on the nature and extent of contamination on the Maddux South property, refer to the RI/FS (Aspect, 2019).

2.2 Updated Conceptual Site Model

The following presents updates to the conceptual site model (CSM) as presented in the RI/FS (Aspect, 2019) based on observations from subsequent cone-penetration tests (CPTs) and data collected during the remedial excavation.

The stratigraphy at the Site includes 5 to 15 feet of fill soil, underlain by glacial recessional deposits atop Pre-Fraser interglacial deposits. The Pre-Fraser is a fine-grained, overconsolidated deposit with few fine sand interbeds, so groundwater flow is concentrated primarily in the coarser-grained fill and recessional deposits. Results from the remedial excavation confirmed that the Pre-Fraser is an aquitard and acts as an effective barrier for vertical contaminant transport. As observed during the remedial excavation and shown graphically on Figure A, the top few feet of the Pre-Fraser (light purple) soils are chemically and mechanically weathered (presumably when they were the landform surface) and can be differentiated from the underlying unweathered Pre-Fraser (dark purple) deposits by color and density. The top of the groundwater table generally occurs in the glacial recessional deposits (green).

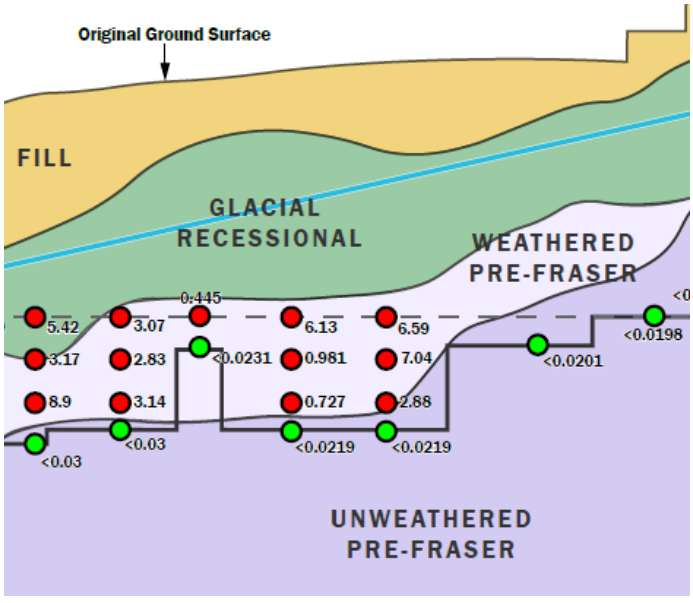

Figure A: Generalized Stratigraphy at the Site

Cone penetration test (CPT) borings were completed in August 2019 for geotechnical purposes to determine the depth to the dense Pre-Fraser on the west end of the Maddux North parcel, where subsurface investigation during the RI had been restricted by the presence of occupied buildings in the center portion of the Site. The CPT results confirmed that the Pre-Fraser dips generally toward the southwest and confirmed that the top 2 to 5 feet of the weathered Pre-Fraser exhibited lower density and higher permeability than the underlying unweathered Pre-Fraser deposits.

The concentrations of PCE in soil samples collected as part of the RI and the remedial excavation across Maddux North indicated that the PCE contamination was consolidated in the weathered Pre-Fraser, where dense PCE would settle after sinking through the groundwater column to the aquitard. During remedial excavation, additional soil was excavated to remove the weathered Pre-Fraser where it contained concentrations of chlorinated solvents above Site cleanup levels.

3 Pre-Cleanup Action Activities

The following section provides a summary of the planning and permitting activities performed prior to implementation of the CAP.

3.1 Engineering Design Report

Following Ecology's approval of the CAP, Aspect produced an Engineering Design Report (EDR; Aspect, 2020b) in accordance with the PPCD. The EDR provided the engineering design details on soil removal, water management, and vapor mitigation during implementation of the cleanup action.

3.1.1 Contained-In Determination

A Contained-In Determination (CID) was requested from Ecology to allow for soil contaminated with F-listed waste from the former dry cleaner to be exempt from management as a dangerous waste (F002), per the Contained-In Policy based on analytical testing which indicated the majority of the soil did not meet the toxicity criteria for a dangerous waste. A limited amount of soil underneath the former Mount Baker Cleaners building did contain PCE at concentrations which required the soil to be handled as Dangerous Waste and Extremely Hazardous Waste, as described further below. A final request for a CID was approved by Ecology on May 7, 2020, and Ecology granted an extension of the CID on September 18, 2020. The approval letter and extension from Ecology are included in the EDR and Appendix A in this report.

3.1.2 Contaminated Media Management Plan

The EDR included a Contaminated Media Management Plan (CMMP) that was prepared for use by the contractor and earthworks subcontractor during remedial excavation. The CMMP defined health and safety requirements for the Site, outlined soil handling requirements, described protocol for handling potentially contaminated material, and defined the soil categories for Maddux North and Maddux South. Six soil management categories were established for the Site as follows:

- **Non-Impacted Soil (Maddux North and Maddux South):** Soil with no COCs detected and/or metals detected at concentrations representative of background conditions for the Puget Sound was included in the Non-Impacted Soil management category.
- **Impacted Soil (Maddux South):** Soil that contained detectable concentrations of petroleum hydrocarbons, but at concentrations below the Site cleanup levels, was included within the Impacted Soil management category.
- **Contaminated Soil (Maddux South):** Petroleum-contaminated soils with concentrations that exceed the Site cleanup levels were included within the Contaminated Soil management category.
- **Contained-In Determination (CID) Soil (Maddux North):** Soil that contained detectable concentrations of chlorinated solvents associated with the former dry-cleaning operation comprise the CID Soil management category. The CID Soil included all soil where PCE sourced from the former dry cleaner and/or its

breakdown products (trichloroethylene [TCE], cis-1,2-dichloroethylene [cDCE], and vinyl chloride [VC]) had been detected at any concentration above the laboratory reporting limits, but below the toxicity characteristic of a dangerous waste and below the concentrations of a land-banned or Extremely Hazardous waste (see below).

- **Dangerous Waste Soil (Maddux North):** Soil that contained concentrations of PCE and met the toxicity characteristics of a dangerous waste (D039; WAC 173-303-090(8)(c)) based on PCE Toxicity Characteristic Leaching Procedure (TCLP) chemical analytical results comprised the Dangerous Waste Soil management category.
- **Extremely Hazardous Waste Soil (Maddux North):** Soil at a single location near the former UST and floor drain in the northeast corner of Maddux North contained PCE concentrations that exceeded the Land Disposal Restrictions for PCE and was categorized as Extremely Hazardous Waste in accordance with the designation criteria in WAC 173-303-100. In addition, federal land disposal restrictions require the treatment of this soil prior to disposal at a Resource Conservation and Recovery Act (RCRA) Subtitle C landfill, aka "land banned" soil (40 Code of Federal Regulations [CFR] §268).

3.1.3 Construction Stormwater General Permit

Soil removal at both Maddux North and Maddux South required excavation below the water table, necessitating excavation dewatering and water management. All generated water was pumped to tanks, pretreated on-Site, and discharged to surface water via the storm sewer under a Construction Stormwater General Permit (CSWGP) and accompanying Administrative Order (AO) issued by Ecology's Water Quality program.

Two CSWGPs were issued for the project: CSWGP WAR308862 / AO 18108 for Maddux North and CSWGP WAR309090 / AO 18142 for Maddux South – copies of both are included in Appendix B. Additional details for the CSWGPs for the Site are provided in the EDR (Aspect, 2020b).

3.1.4 City of Seattle Right-of-Way Permitting

The pilot study and full-scale *in situ* chemical reduction (ISCR) implementations, located in 29th Avenue South and discussed in Section 4.4, below, were completed under the ROW permits and traffic control plans associated with Maddux North construction work (City of Seattle project number 6735099). The ISCR injections conducted in 2022 in South McClellan Street were conducted under Street Use Utility Major Permit (SUUMP) number 0000198. Permit requirements included vibration monitoring for the protection of a nearby cast-iron water main, and limitations on the number of boreholes that could be drilled through each roadway panel. These permit considerations are described in Section 5.2.1 and 5.2.2.

3.2 Compliance Monitoring Plan

Following Ecology's approval of the CAP, Aspect produced a Compliance Monitoring Plan (CMP; Aspect, 2020c) in accordance with the PPCD. The CMP outlined the soil, groundwater, and vapor compliance monitoring to be completed at the Site during and following implementation of the cleanup action. The soil monitoring plan at Maddux North and Maddux South included performance sampling for COCs on excavation sidewalls and

confirmation sampling at the base of the remedial excavation. On Maddux North, the performance monitoring plan included additional soil sampling around the Hazardous Waste and Dangerous Waste excavation areas to ensure complete removal before continuing export of the surrounding soil as CID.

Soil sampling protocols are summarized below, for both Maddux North and Maddux South:

- **Sidewall Performance Sampling.** As the excavation advanced downward, sidewall samples were collected prior to the installation of the horizontal shoring elements (lagging). Sidewall samples were targeted for collection at a horizontal spacing of approximately 16 feet and at 5-foot-depth intervals (e.g., 0 to 5 feet, 5 to 10 feet, etc.) across the extent of excavation sidewalls. Overexcavation of soil in the sidewalls was not feasible because the excavation was completed to the property boundaries and overexcavation would have required excavation of soil into the adjacent ROWs, and so these performance samples represent the in-place condition postexcavation.
- **Base Confirmation Sampling.** Once the vertical limits of the excavation were reached, excavation bottom confirmation soil samples were collected for laboratory analysis to confirm compliance with the Site cleanup levels (confirmation samples). The soil samples were collected from within the excavation using the excavator bucket or by hand if safely accessible to a worker in accordance with the Sampling and Analysis Plan / Quality Assurance Project Plan (SAP/QAPP) included as Appendix A of the CMP (Aspect, 2020c). Excavation bottom samples were collected on a systematic 16-foot-by-16-foot grid. If a bottom excavation sample exceeded the Site cleanup levels, the soil in that area was overexcavated by at least 1 foot, if practicable, then resampled for chemical analytical testing. Vertical overexcavation was conducted to the extent practicable based on shoring design and other practical limitations. Contaminated soil that could not be safely or practicably overexcavated was left in place and is documented in Sections 4.2.3 and 4.3.2.

The CMP also established compliance monitoring for groundwater and vapor, which are addressed in the first Annual Compliance Monitoring Report (ACMR) report for the Site, included as Section 5 of this CAR.

4 Cleanup Action Implementation

The following section provides a detailed summary of the implementation and results of the cleanup action.

4.1 Initial Phase

4.1.1 Building Demolition on Maddux North and South

Between 2018 and 2020, a total of four buildings on Maddux North and one building on Maddux South were demolished by Rivers Edge Environmental Services (Rivers Edge), the earthworks contractor retained for the Maddux development, prior to the beginning of the remedial excavation. The Mt. Baker Cleaners building, located on the easternmost parcel of Maddux North (2864 South McClellan Street), was demolished to the slab in November 2018 to allow for remedial investigation drilling within the dry cleaner's footprint. The remaining three buildings on Maddux North and the building on Maddux South were demolished in August 2020, immediately prior to remedial excavation. Photographs are included in the Maddux North – Cleanup Action Photograph Log and Maddux South –Cleanup Action Photograph Log, Appendices C and D, respectively. Concrete from the demolitions was exported off-site by Rivers Edge.

4.1.2 Monitoring Well Decommissioning

Prior to remedial excavation, a total of 4 groundwater monitoring wells on Maddux North (AMW-1, AMW-2, AMW-10, and AMW-21) and 13 groundwater monitoring wells on Maddux South (MW-1, MW-2, MW-3, MW-4, MW-8, MW-9, MW-11, MW-12, MW-13, AMW-4, AMW-5, AMW-12, and AMW-13; Figure 3) were decommissioned on July 2, 2020, in accordance with the requirements in WAC 173-160-460 by filling the casing from bottom to ground surface with bentonite. All wells that were decommissioned were located within the footprint of the remedial excavations, and the monitoring well casings were subsequently removed during excavation. Decommissioning of the monitoring wells was conducted by a licensed driller from Cascade Drilling of Woodinville, Washington.

In addition, monitoring well HC-MW-3 was decommissioned on January 12, 2023, due to a conflict with a replacement catch basin as part of the street improvements being performed along 29th Avenue South. The monitoring well was decommissioned by a licensed driller from Holocene Drilling of Puyallup, Washington. Monitoring wells installed to replace decommissioned wells are described in Section 5.2.1.

4.1.3 Underground Storage Tank Decommissioning and Removal on Maddux North

The UST in the northeast corner of Maddux North had reportedly been decommissioned in place by Associated Environmental Group (AEG) on December 20, 2011. During remedial excavation activities on July 28, 2020, the documented UST was partially uncovered by Rivers Edge under plans to remove, when the operator alerted Aspect to diesel odors emanating from the top of the UST where a 1-foot-by-1-foot hole had been cut in the metal, presumably during decommissioning activities. The UST was not filled with concrete slurry, as reported, but instead filled with approximately 15 partially intact sandbags. Field screening

indicated there were low-level volatiles in the UST. To be conservative, Aspect directed Rivers Edge to follow typical decommission procedures prior to removing the UST.

A certified UST decommissioner with Rivers Edge requested that a marine chemist and a Fire Marshall from the City of Seattle's fire department be present at the time of tank removal. The tank could not be rinsed due to the presence of the sand bags in the tank, but the marine chemist deemed the tank safe for excavation. The contents of the tank were stockpiled on plastic for sampling, and the tank was compacted and disposed of by Rivers Edge. Copies of the decommissioning documents from Rivers Edge are included in Appendix E.

Aspect field screened the fill soil removed from around the UST using water sheen testing, visual/odor observations, and headspace vapor measurements (using a PID). Field screening of soil beneath and on the sidewalls of the excavation yielded evidence of slight contamination—a slight sheen, slight petroleum-like odor, and photoionized detector (PID) readings of less than 1.5 parts per million (ppm). Samples were collected from the base of the excavation and on the two remaining sidewalls. A sample was also collected from the sand that was inside the UST to determine disposal requirements of the sandbags. Analytical testing was completed in accordance with WAC 173-340-900, Table 830-1.

The UST soil analytical results from the base and sidewalls of the UST excavation determined there had not been a release of TPH from the UST; PCE was detected in the base and sidewall soil samples, but the area had been characterized as part of the CID portion of the remedial excavation, so soil disposal for the area was predetermined and already being stockpiled as CID Soil when the diesel odors were detected. Soil samples from the sandbags inside the UST contained concentrations of PCE and polycyclic aromatic hydrocarbons (PAHs) above the MTCA Method A cleanup level, and diesel below the MTCA Method A cleanup level, suggesting the UST had been used to store dry-cleaning solvents in addition to heating oil. The use of the UST for dry-cleaning solvents had been reported in the original decommissioning report, as well. Soil analytical data for the UST decommissioning and removal is included in Table 2, and soil sample locations are shown on Figure 4.

4.1.4 Field Oversight and Sampling Methods

Aspect monitored remedial excavation activities, including overseeing Rivers Edge in segregating soils in accordance with the CMMP during excavation on both Maddux North and Maddux South. The CMMP was used to guide Rivers Edge for known areas of contained-in, contaminated, and impacted soils, and outlined methods for identifying, characterizing, and handling unanticipated or suspected contaminated or impacted soil.

The characterization of unanticipated, potentially contaminated soils entailed field screening by water sheen testing, measuring headspace vapor with a PID, and visual/odor observations. If field screening indicated the soil was potentially impacted in areas that had been pre-characterized as clean, soil samples were collected for laboratory analysis to categorize the soil for disposal. Additionally, laboratory analysis was used for performance monitoring to advance the remedial excavation to remove soils with concentrations of COCs above the Site cleanup levels.

Soil samples were obtained using EPA Method 5035 sampling kits and submitted to Fremont Analytical Laboratory in Seattle, Washington, for chemical analysis of COCs. In addition, select confirmation soil samples from Maddux North were analyzed by Libby Environmental,

a Washington State-certified mobile laboratory. Chemical analytical testing for chlorinated solvents was completed using EPA Method 8260D. Select samples on Maddux North and all soil samples on Maddux South were also analyzed for diesel- and oil-range hydrocarbons by NWTPH-Dx, and gasoline-range hydrocarbons by NWTPH-Gx. The scope of soil sampling and analysis was driven by the pre-characterized extents of contained-in or contaminated soils (using characterization data obtained prior to and during the RI). Field screening results and stockpile sampling informed additional soil segregation.

4.1.5 Shoring Soldier Pile Installation

On both Maddux North and Maddux South, shoring was required to reach the planned remedial excavation depths, support building construction, and protect adjacent ROWs. The shoring walls consisted of soldier piles with timber lagging and between one to three levels of tiebacks, depending on the planned excavation depths. Shoring was installed along the north, east, and southern property boundaries of Maddux North, and along the west property boundary in the northwest corner of Maddux North. Shoring was installed along all property boundaries at Maddux South. Soil cuttings from pile installation were segregated and disposed of according to the soil categories outlined in the CMMP.

4.2 Maddux North Remedial Excavation

Management categories for handling and disposal of soil during the Maddux North excavation were detailed in the CMMP (Appendix E of the EDR; Aspect, 2020b). The soil management categories are shown in plan view on Figure 5. The Maddux North remedial excavation is described below by soil management category.

4.2.1 Remedial Excavation of Extremely Hazardous Waste and Dangerous Waste Soil

Boring ADP-18, completed beneath the slab of the Mt. Baker Cleaners in 2018 as part of the RI, contained PCE at a concentration of 1,200 mg/kg in soil and a leachate concentration of 39,000 ug/L from TCLP analysis, which exceeded the land disposal restrictions for PCE (40 CFR §268); and therefore, soil in this area was designated as Extremely Hazardous Waste (WAC 173-340-100). Prior to the initiation of mass excavation, the Extremely Hazardous Waste excavation was completed, along with compliance sampling to establish the extent of the hazardous waste had been removed within the larger Dangerous Waste Soil extents. The Extremely Hazardous Waste area excavation was completed on August 31, 2020. Performance sampling was completed at three locations along the north, southeast, and southwest sidewalls of the Extremely Hazardous Waste excavation (elevation 73 feet[2]) and at the base of the Extremely Hazardous Waste excavation (elevation 70 feet). The samples were submitted for TCLP analysis of PCE to verify the soil designated as Extremely Hazardous Waste had been completely removed, and chemical analytical data for the Extremely Hazardous Waste Soil removal is included in Table 1. Photographs of the Extremely Hazardous Waste Soil remedial excavation are included in Appendix C.

Soil with chemical analytical results for PCE TCLP meeting the threshold for Dangerous Waste was also identified in the vicinity of the former dry cleaner as shown on Figure 5 (Aspect, 2019). An excavation was completed in this area to remove Dangerous Waste soil

[2] All elevations in this report are relative to the North American Vertical Datum of 1988 (NAVD88).

once the remedial excavation reached the elevation of Dangerous Waste and after the Extremely Hazardous Waste soil had been removed. The Dangerous Waste area excavation was completed on September 2 and 3, 2020. Performance sampling was completed at the lateral extents and base of the Dangerous Waste area. Chemical analytical sampling for chlorinated solvents by EPA Method 8260C and TCLP indicated the Dangerous Waste soil was successfully removed (Table 1), and the remainder of the PCE-contaminated soil on the Maddux North parcel was managed as CID Soil. Photographs of the Dangerous Waste Soil remedial excavation are included in Appendix C.

4.2.2 Remedial Excavation of CID Soil

The remedial excavation of CID Soil began on August 17, 2020. The final performance sampling was completed on November 6, 2020, and the last of the CID Soil was exported from Maddux North for disposal on November 11, 2020. Photographs of the Maddux North remedial excavation are included in Appendix C. Confirmation soil samples from the base of the Maddux North are shown in plan view on Figure 6 and in Table 3, and the results are further discussed in Section 4.2.4 below. Performance soil samples from the sidewalls of Maddux North are shown on Cross Sections A-A', B-B', and C-C' (Figures 7, 8, and 9, respectively) and in Table 4, and the results are further discussed in Section 4.2.3 below.

The remedial excavation successfully achieved remedial action goals and CID Soil was removed as outlined in the CAP (Aspect, 2020a), as well as soil removed with concentrations of chlorinated solvents above cleanup levels beyond the original vertical and lateral extents of the planned remedial excavation as outlined in the CAP (and the CID Soil volumes and extents issued by Ecology). The original lateral and vertical extents of the CID Soil were estimated during the remedial investigation and approved by Ecology in the CID, which was issued on May 7, 2020 (Appendix A). At the planned vertical extent, bottom performance sampling was completed to confirm that soil with chlorinated solvents concentrations exceeding cleanup levels had been removed to the extent outlined in the CAP (Aspect, 2020a). Soil samples were obtained using EPA Method 5035 sampling kits and submitted to Fremont Analytical Laboratory in Seattle, Washington, for chemical analysis of chlorinated solvents by EPA Method 8260D. Sampling was completed on 16-foot-by-16-foot grids defined by pile locations. Samples were located and labeled according to their location relative to the piles. All sample depths were measured in NAVD88 using the top-of-pile and tieback elevations as benchmarks.

The CMP outlined a method for overexcavation, based on an assumption that minimal overexcavation would be necessary. Once performance sampling began in the northeast corner of Maddux North, it became apparent that lithology was a driving factor in the distribution of chlorinated solvents at the planned base of excavation (BOE), as described in the CAP. In addition, field screening in the weathered Pre-Fraser geology was complicated by the fine-grained nature of the deposits; soil with no measurable field screening indications of contamination in the field on occasion contained PCE concentrations above the Site cleanup level. Rather than completing sampling within each quadrant of each 16-foot-by-16-foot sampling areas, the sampling methodology was amended to include excavation of each 16-foot-by-16-foot sampling area down to the top of the unweathered Pre-Fraser, within the constraints of shoring, and sampling in the approximate center of the area. Overexcavation was halted when performance samples collected along the top of and within the unweathered Pre-Fraser unit indicated soil containing PCE above the Site cleanup level had been

successfully removed. Performance soil sampling results along the base of the planned and overexcavated areas at Maddux North are included in Table 3 and shown on Figure 6.

During excavation, soil contaminated with PCE was documented to extend outside the lateral and vertical extents of the CID issued by Ecology on May 7, 2020. The vertical and lateral extents of the CID Soil were reevaluated and approved by Ecology in an updated CID determination issued via e-mail on November 5, 2020, which is included in Appendix A. The updated CID determination did not include an update to the estimated tonnage for disposal.

4.2.3 Sidewall Performance Sampling and Chemical Analytical Results

Sidewall soil sampling was completed in accordance with the CMP and included collection of samples every 5 vertical feet and a lateral space of 16 feet within the predefined extent of the CID Soil in the CAP and EDR. In total, 87 sidewall samples were obtained to document soil conditions in the north, east, and south sidewalls of the remedial excavation. Perimeter sampling was not conducted on the west sidewall, as the redevelopment grade on the western portion of the Maddux North block was not below the existing grade (and therefore there was no western sidewall). Of those sidewall samples collected, contaminants were detected in 47 sidewall samples at concentrations exceeding the cleanup levels. Soil represented by these samples was left in place and documented in this CAR, as prescribed by the CMP.

Soil samples were named using the shoring piles as reference, and sidewall soil samples used the naming format SW - closest pile number - elevation - Maddux North or Maddux South identifier (e.g., B-P20-P29-60-N). The locations for each 16-foot-by-16-foot grid cell are referred to on the figures and in the tables by the east-west and north-south pile numbers (e.g., SW-P24-72-N). Cross sections showing the sample locations, geologic and analytical results from sampling along the sidewalls of the Maddux North excavation are shown on Figures 7 through 9 for the north, east, and south sidewalls of the excavation, respectively. Chemical analytical results from Maddux North sidewalls sampling are shown in Table 4. Laboratory data reports are included in Appendix F.

Exceedances of PCE at orders of magnitude above the Site cleanup level were concentrated in three main areas along the three sampled sidewalls of the remedial excavation:

- North Sidewall (Cross Section A-A'; Figure 7): In the area near P16 to P17, PCE was detected at one to three orders of magnitude above the Site cleanup level.
- East Sidewall (Cross Section B-B'; Figure 8): In the area near P28 and P30, PCE was detected at one to three orders of magnitude above the Site cleanup level. In addition, PCE was detected at three orders of magnitude above the Site cleanup level near P34, in the corner of the Maddux North block and near the south sidewall.
- South Sidewall (Cross Section C-C'; Figure 9): In the southeast corner of the Maddux North block near piles P34 to P36, PCE was detected at one to two orders of magnitude above the Site cleanup level.

As outlined in Section 4.4, below, chemical injections against the eastern and southern sidewalls were targeted to address groundwater impacts from the highest remaining concentrations of chlorinated solvents detected during sidewall performance sampling.

4.2.4 Bottom Confirmation Sampling and Chemical Analytical Results

Confirmation sampling was completed at the planned extent of the remedial excavation and extended vertically and laterally, as needed, based on chemical analytical results and within the constraints of shoring. In total, 118 bottom samples (including performance samples that were subsequently overexcavated) were obtained from the remediation excavation, which extended deeper than the planned remediation depth in several areas to remove soil where results at the original planned vertical extent of the excavation indicated PCE remained in soil above the cleanup levels (Figure 4). A total of 57 soil sample locations were overexcavated and new bottom confirmation samples were obtained at the final bottom of excavation depth. In general, these overexcavation areas strongly correlated to the top of the unweathered Pre-Fraser unit, i.e., it appears the primary constraint of vertical migration was the dense, unweathered Pre-Fraser unit, and chlorinated solvents migrated laterally through the weathered Pre-Fraser and glacial recessional units. All confirmation samples were collected prior to any backfilling activities. The extent of excavation beyond that planned in the CAP can be seen in cross section in Figures 10 and 11, which cross the Maddux North excavation. Soil samples were named using the shoring piles as reference, and bottom soil samples used the naming format B - east/west pile number - north/south pile number - elevation – Maddux North or Maddux South identifier (e.g., B-P20-P29-60-N). The locations for each 16-foot-by-16-foot grid cell are referred to on the figures and in the tables by the east-west and north-south pile numbers (e.g., P14-P27).

Based on the chemical analytical results of the final base samples, chlorinated solvent-contaminated soil has been successfully removed from the entire Maddux North parcel, except for one area adjacent to the southwest shoring wall, where the PCE-contaminated soil extended deeper than anticipated and could not be removed due to the constraints of the shoring in this location. In the sampling grid cells at P53-P32 at elevation 52 and in sampling grid cells P53-34, P51-P34, and P49-P43 at elevation 56, PCE was detected above the Site cleanup level at concentrations between 0.064 mg/kg and 0.29 mg/kg. These PCE concentrations at these sampling locations are similar to the concentrations that were present in AMW-10 during installation (0.035 to 0.19 mg/kg), which is also located in the southwest portion of the property and was planned to be left in place, per the CAP (Aspect, 2020b). As established in the CAP, soil compliance with Site cleanup levels will be demonstrated empirically through groundwater monitoring in this area. The residual soil containing PCE above the Site cleanup level remaining on the Property is limited in both lateral and vertical extents. These results were conveyed to Ecology during meetings throughout the implementation of the remedial excavations and documented in the "Request for Authorization to Proceed with Redevelopment Letter" submitted to Ecology on November 6, 2020 (Aspect, 2020e). Ecology agreed that CID Soil had been removed from the Maddux North parcel to the maximum extents practicable in an opinion letter dated November 12, 2020. In addition, potential vapor intrusion from this residual PCE contamination in this portion of the Site is mitigated by the chemical vapor barrier installed beneath the Maddux North building (detailed further in Section 4.5).

Table 3 shows the analytical results of bottom performance sampling at locations that represent the final extent of the remedial excavation and demonstrate removal of chlorinated solvent-contaminated soil from the Maddux North property, consistent with the CAP. Laboratory data reports are included in Appendix F.

4.2.5 Unanticipated Discoveries

Two previously unidentified USTs were removed from Maddux North during remedial excavation. Based on size and contents, neither was a regulated UST. One potential UST (referred to as UST #1) was located in the vicinity of pile P17, on the north wall, (Figure 6) and was discovered when piles were being drilled on August 6, 2020. The pile driller ceased drilling when metal fragments came up the auger at approximately 9–10 feet below ground surface (bgs), and Aspect was alerted to an odor emanating from the drill hole. UST #1 was partially visible down the borehole and appeared to have been struck by the auger during drilling. The UST appeared to be less than 500 gallons in capacity. There was liquid in the tank; Aspect obtained a sample of the liquid and determined that it was aqueous and not free-phase product (this fluid was not submitted for testing, but sludge removed from the tank area was, as summarized in the next paragraph). Aspect also screened the borehole for volatiles (PID = 3.7 ppm) and instructed the earthworks contractor to dig a test pit on the west side of the pile in an attempt to view the extent of the tank. The top of the tank was observed at approximately elevation 74.6 feet and appeared to be oriented vertically. Decommissioning and excavation of the tank was not safe or feasible at the time of pile drilling due to proximity to shoring wall, so the pile was installed and grouted as normal.

When the excavation extended to the depth of the tank, compacted metal debris interpreted to be the remains of the tank was encountered and removed. Soil from the vicinity was stockpiled for analytical testing. No free liquid was observed, but a black sludge was observed inside the metal debris, and was sampled for TPH, BTEX, PAHs, and chlorinated solvents. Analytical results from the sludge indicated cleanup level exceedances of benzene, TPHg, TPHd, and chlorinated solvents (labeled as UST#1 in Table 2). The surrounding soil and the metal remains were disposed of under the Site waste profile for CID Soil, and Rivers Edge disposed of the metal fragments. Migration of contamination appeared to be limited, and the soil surrounding the tank was excavated to the planned extents. All soil contaminated with TPHg, TPHd, and benzene above the Site cleanup levels was successfully removed; soil contaminated with PCE above the Site cleanup levels remained off the Property beyond the limits of the northern sidewall, as shown on Figure 7 and Table 4.

A second unanticipated UST (referred to as UST #2) was discovered during excavation in the vicinity of pile P9A (Figure 6) on the north wall, centrally located. An approximately 1,100-gallon unregulated residential heating oil tank was encountered, partially intact and filled with sand. Some limited impacts to soil in the vicinity were observed. Based on field screening, the extent of the impacted soil was removed and stockpiled along with the UST, and samples were collected from the stockpile for chemical analytical testing. The removed soil contained PCE concentrations exceeding the Site cleanup level; TPHo was also detected, but at a concentration an order of magnitude below the Site cleanup level (Table 2). Soil was disposed under existing soil disposal profile for CID Soil for the Site.

4.2.6 Extremely Hazardous Waste Soil, Dangerous Waste Soil, and CID Soil Disposal

Disposal records for the disposal of PCE Extremely Hazardous Waste Soil, Dangerous Waste Soil, and CID Soil from Maddux North are included in Appendix G. Offsite disposal of chlorinated solvent-impacted soil began on August 17, 2020, and final loads were exported

from the Site on November 17, 2020. Tonnages and disposal locations are summarized in Table A below:

Table A. Maddux North Summary of Soil Disposal

Chlorinated Solvent Contaminated Soil Category	Quantity of Soil (tons)	Permitted Disposal Facility and End Use of Soil
Extremely Hazardous Waste (EHW)	16.4	EHW (land banned) Soil was placed in a sealed container and transported to Chemical Waste Management's Subtitle C Landfill located in Arlington, Oregon, where it was processed for incineration and disposal at Clean Harbors Aragonite in Grantsville, Utah.
Dangerous Waste (DW)	185.5	DW Soil was transported to Chemical Waste Management's Subtitle C Landfill located in Arlington, Oregon, where it was sent for stabilization and landfilled.
Contained-In Determination (CID)	12,766	CID Soil was transported to Republic's Rabanco-Roosevelt Landfill located in Klickitat County, Washington, where it was landfilled in their Subtitle D facility.

Notes: Tonnages of soil based on weight tickets from disposal facility.

Appendix G contains weight tickets and a summary table for all chlorinated solvent-impacted soils exported from Maddux North.

4.2.7 Backfill

Excavation extended beyond the construction design grade for the redevelopment over most of the Maddux North property. Type 2 structural backfill and Type 17 common fill (not structural) was emplaced to bring the Maddux North parcel back to construction grade as outlined in the final "Geotechnical Report for Maddux North" included in Appendix G of the EDR (Aspect, 2020b). Aspect geotechnical field staff oversaw backfill and compaction testing in accordance with the requirements of the City of Seattle Department of Construction and Inspections.

4.2.8 Maddux North Dewatering and Pretreatment

4.2.8.1 Dewatering Plan

Dewatering was necessary to advance the remedial excavation to the target depths outlined in the CAP and EDR. Water generated during the excavation consisted of groundwater and stormwater that entered the excavation. The dewatering system for Maddux North consisted of sump dewatering to pretreatment tanks, an on-Site treatment train to achieve Indicator Levels, as defined in AO No. 18108, and discharge to surface water via storm sewer under the Construction Stormwater General Permit (CSWGP) and accompanying Administrative Order (AO) No. 18108 issued through Ecology's Water Quality program, as outlined in Section 3.1.3 above.

4.2.8.2 Treatment and Permitted Discharge

All generated water was pumped to tanks, pretreated on-Site, and discharged to surface water via the storm sewer as permitted under the CSWGP. The on-Site treatment system included physical and chemical treatment through chitosan-enhanced sand filtration and granular

activated carbon to remove dissolved-phase contaminants to achieve the AO Indicator Levels. Chemical analytical results associated with the influent water to the system and the effluent discharge water are included in Table 5.

Water Tectonics installed the on-Site pretreatment system, and it was operated by the general contractor, W.G. Clark. Treated water was discharged to the public storm system through a catch basin, which ultimately discharges to the Duwamish River approximately three miles from the Site. Permitted discharge was monitored by W.G. Clark and documented by Aspect in accordance with the Stormwater Pollution Prevention Plan (SWPPP). The discharge met applicable local and state water quality parameters specified in the discharge permit issued by Ecology. W.G. Clark reported 186,000 gallons of water was treated and discharged from Maddux North between October 30, 2020, and March 22, 2021. The dewatering system was turned off once dewatering was complete and stormwater could be managed through on-Site infiltration; permitted discharge ceased the week of July 12, 2021.

4.3 Maddux South Remedial Excavation

Two soil management categories were present at Maddux South:

- Contaminated Soil – Soil containing petroleum hydrocarbons above the Site cleanup levels or soil, which during excavation, exhibited physical evidence of contamination, such as moderate to heavy sheens, odor, staining, or PID readings.
- Impacted Soil – Soil with detectable petroleum hydrocarbons below the Site cleanup levels and metals above the natural background concentration for the Puget Sound (but below Site cleanup levels), which were limited in extents and managed as coincident to petroleum-impacted soil.

The extent of soil from each of these categories is shown on Figure 12. While PCE was present in groundwater beneath the Maddux South parcel, the remedial excavation mostly remained above the water table. Likewise, PCE was largely not detected in soil samples at the Maddux South parcel during the RI, but where detected, was frequently associated with TPHo at concentrations below the cleanup level. The PCE detections in soil were presumably sourced from historical service station-related uses and therefore not an F-listed waste. Only Contaminated Soil was removed for the purposes of remediation. However, it was necessary to excavate Impacted Soil in localized areas across the Maddux South parcel to facilitate remedial excavation of the Contaminated Soil and property redevelopment.

4.3.1 Remedial Excavation of Contaminated Soil

The remedial excavation on the Maddux South parcel was focused on two distinct areas of contamination, as outlined in the CAP:

1. TPHg in soil and groundwater near the former pump islands in the western portion of the parcel.
2. TPHd and TPHo in soil near the heating-oil UST located in the southeastern portion of the parcel.

The historical Site features, including the former pump islands and USTs are shown on Figure 2. The final extents of the remedial excavation at Maddux South are shown on

Figure 13. Both targeted remedial excavation areas required overexcavation of soil beyond the vertical extents estimated in the CAP. In the western portion of the parcel, the remedial excavation extended to elevation 42 feet, and in the southeastern portion of the parcel, the remedial excavation extended to elevation 40 feet. Both areas had an initial planned BOE of elevation 43 feet.

No unanticipated USTs were identified during the excavation at Maddux South. Photographs of the Maddux South remedial excavation are included in Appendix D.

4.3.2 Sidewall Performance Sampling and Chemical Analytical Results

Sidewall soil sampling was completed in accordance with the CMP and included collection of samples every 5 vertical feet and laterally between 12 and 16 feet apart along the edges of the western, southern, and southeastern excavation areas. In total, 54 sidewall samples were obtained from Maddux South. Of those, contaminants were detected in 18 sidewall samples at concentrations exceeding the Site cleanup levels. Soil represented by these 18 samples was left in place and documented in this CAR, as prescribed by the CMP.

Exceedances of the Site cleanup levels were primarily concentrated in the following three areas along the western and southern sidewalls of the remedial excavation:

- **Central, Western Sidewall** (Cross Section F-F'; Figure 14): TPHg was detected in one location near pile P36 at elevation 50 at a concentration of 4,160 mg/kg.
- **Southern, Western Sidewall** (Cross Section F-F'; Figure 14): PCE was detected in multiple samples above the water table at piles P28 through P32 at elevations 50 to 60 with concentrations ranging from 0.0673 to 0.202 mg/kg. The concentrations of PCE were within an order of magnitude of the Site cleanup level and were frequently detected alongside TPHo at concentrations below the Site cleanup level.
- **Southern Sidewall** (Cross Section G-G'; Figure 15): TPHo was detected above the Site cleanup level at P20 to P24 at elevation 50 feet. These exceedances are within the same order of magnitude of the Site cleanup level. Likewise, TPHo was detected below the Site cleanup level in sidewall samples well above the water table up to elevation 60, which was the highest elevation sampled in the sidewall. PCE was collocated with many of these detections of TPHo at concentrations ranging from 0.0524 to 0.913 mg/kg. The presence of PCE above the water table and collocated with detections of heavy-range TPHo suggest that the UST in the southeast corner of the Maddux South parcel may have been used to store waste oil and/or spent solvents from parts washing.

Cross sections of the west and south sidewalls of the Maddux South excavation are shown in Figures 14 and 15, respectively. The sample names for sidewall soil samples correspond to the closest shoring pile (e.g., SW-P30-50-S was collected near pile P30 at an elevation 50 feet on the South Block). Chemical analytical results from the Maddux South sidewalls are shown on Table 6. Laboratory analytical data reports are included in Appendix H.

4.3.3 Bottom Confirmation Sampling and Chemical Analytical Results

Table 7 shows the analytical results of bottom confirmation sampling at locations that represent the final extents of the remedial excavation and demonstrate removal of contaminated soil from the Maddux South property, consistent with the extent outlined in the CAP. In total, 42 bottom samples (including both performance samples that were subsequently overexcavated and final confirmation samples) were obtained from the remediation excavation, which extended deeper than the planned remediation depth to remove soil where results at the original planned vertical extent of the excavation indicated that COCs remained in soil above the cleanup levels (Figure 13). A total of 12 of the 42 base soil samples were overexcavated and new bottom confirmation samples were obtained at the final depth. Soil samples were named using the shoring piles as reference, and bottom soil samples used the naming format B - east/west pile number - north/south pile number - elevation – Maddux North or Maddux South identifier (e.g., B-P45-P28-S). The locations for each 16-foot-by-16-foot grid cell are referred to on the figures and in the tables by the east-west and north-south pile numbers (e.g., P45-P28). Analytical results for base confirmation soil samples on the Maddux South parcel are summarized in Table 7. Laboratory analytical data reports are included in Appendix H.

Based on the analytical results of the final bottom confirmation soil samples, all soil with COC concentrations (both petroleum hydrocarbons and chlorinated solvents) exceeding the Site cleanup levels was successfully excavated and removed from Maddux South, as shown on Figure 13. These results were conveyed to Ecology during meetings throughout the implementation of the remedial excavations and documented in the *Request for Authorization to Proceed with Redevelopment Letter* submitted to Ecology on November 5, 2020 (Aspect, 2020d). Ecology agreed that contaminated soil had been fully removed from the Maddux South parcel to the maximum extents practicable in an opinion letter dated November 12, 2020.

4.3.4 Contaminated and Impacted Soil Disposal

Disposal records for the contaminated and impacted soil disposed from Maddux South are included in Appendix I. Offsite disposal of Contaminated and Impacted Soil began on September 3, 2020, and final loads were exported from the Site on November 11, 2020. Tonnages and disposal locations are summarized in Table B, below.

Table B. Maddux South Summary of Soil Disposal

Soil Category	Quantity of Soil (tons)	Permitted Disposal Facility and End Use of Soil
Contaminated	2,962	Contaminated soil was transported to Waste Management's Columbia Ridge Landfill in Arlington, Oregon via the transfer station in Seattle, Washington.

Soil Category	Quantity of Soil (tons)	Permitted Disposal Facility and End Use of Soil
Impacted (Remediation-Related Removal)	1,328	Impacted soil was transported to CADMAN's facility located in Everett, Washington, where it was landfilled as Class 2 soil.
Impacted (Redevelopment-Related Removal)	1,375	

Notes: Tonnages of soil based on weight tickets from disposal facility.

Appendix I contains weight tickets and a summary table for all contaminated and impacted soils exported from Maddux South.

4.3.5 Backfill

Excavation extended deeper than the construction design grade over a portion of the Maddux South parcel. Type 2 structural backfill and Type 17 common (not structural) backfill was placed, as recommended by the geotechnical engineer of record, to address geotechnical concerns related to the variable depth of the final remedial excavation and comply with the with City of Seattle Department of Construction and Inspections requirements given the allowable bearing pressure of the subject redevelopment. Aspect geotechnical field staff oversaw and documented backfill and compaction testing in accordance with City of Seattle Department of Construction and Inspections requirements.

4.3.6 Maddux South Dewatering and Pretreatment

4.3.6.1 Dewatering Plan

Dewatering was necessary to advance the remedial excavations to the target depths defined in the CAP and to accommodate overexcavation beyond the target depths. Water generated during the excavation consisted of groundwater and stormwater that entered the excavation. The dewatering system for Maddux South consisted of sump dewatering to pretreatment tanks, an on-Site treatment train to achieve Indicator Levels as defined in AO No. 18108, and discharge to surface water via storm sewer under the CSWGP and accompanying AO No. 18108 issued through Ecology's Water Quality program, as outlined in Section 3.1.3 above.

4.3.6.2 Treatment and Permitted Discharge

All generated water was pumped to tanks, pretreated on-Site, and discharged to surface water via storm sewer under the CSWGP. The on-Site treatment system included physical and chemical treatment through chitosan-enhanced sand filtration and granular activated carbon to remove dissolved-phase contaminants to achieve the AO Indicator Levels. Chemical analytical results associated with the influent water to the system and the effluent discharge water are included in Table 8.

Water Tectonics installed the on-Site pretreatment system, and it was operated by the general contractor, W.G. Clark. Treated water was discharged to the public storm system through a catch basin, which discharges to the Duwamish River approximately 3 miles from the Site. Permitted discharge was monitored by W.G. Clark and documented by Aspect in accordance

with SWPPP. W.G. Clark reported 8,300 gallons of water was treated and discharged from Maddux South between October 30, 2020, and December 7, 2020. The discharges met applicable local and state water quality parameters specified in the discharge permit issued by Ecology. The treatment system was only necessary during dewatering associated with the very deepest phase of the remedial excavation. After backfilling the remedial excavation above the groundwater table, all stormwater was allowed to infiltrate on the Maddux South property, and the treatment system was turned off and permitted discharge ceased on December 7, 2020.

4.4 Maddux North *In Situ* Chemical Reduction

In-situ chemical reduction (ISCR) was retained in the CAP as a contingency action that may be completed after 5 years of post-remedial excavation groundwater monitoring and to evaluate whether there would be benefits to enhance monitored natural attenuation (MNA) of the groundwater plume and reduce the restoration time frame. However, due to the high concentrations of PCE remaining in soil performance samples obtained from the northern, southern, and eastern sidewalls of the Maddux North excavation, Ecology requested that ISCR injections be implemented while the excavation was still active. Due to logistical constraints, injections could only be completed along the eastern sidewall of Maddux North (along 29th Avenue South) while the excavation was active in 2021. Injections were completed along the southern sidewall (along South McClellan Street) in 2022, after completion of the excavation. Because of the success of these treatments in improving groundwater quality, additional injections are recommended south of McClellan Street (described in Section 6.2).

The sequence of ISCR injections completed to date, including how performance monitoring results were used to guide implementation, includes:

- **29th Avenue South Injections (2021).** A pilot test was conducted in January 2021 to evaluate the feasibility of ISCR implementation and demonstrated that reagent could be distributed below ground and into the aquifer reliably and consistently. An injection program was completed immediately east of the eastern excavation sidewall in February 2021, referred to as the "Full-Scale ISCR Injection." The combined pilot and full-scale injections, which shared the same design parameters and target treatment area, are referred to as the "29th Avenue South Injections."
- **Performance Monitoring after 29th Avenue South Injections (2021–2022).** Performance groundwater monitoring conducted in March 2021, June 2021, and January 2022, indicated that the remedial excavation and 29th Avenue South Injections had effectively reduced concentrations of chlorinated solvents in groundwater, as demonstrated most notably by the decrease of PCE concentrations in groundwater monitoring wells along the eastern boundary and within the source area of Maddux North.
- **McClellan Injections (2022).** Injections were implemented in the ROW along the north lane of South McClellan Street between MLK Jr. Way South and 29th Avenue South in August 2022 and October 2022. This injection implementation is referred to herein as the "McClellan Injections."

Table C summarizes ISCR injection implementations, which are described further in Section 4.4.1.

Table C. Summary of ISCR Injection Sequencing

Injection Event	Location	Date	Quantity of MicroZVI Injected	Vertical Interval Targeted	Associated Reports
Pilot Injections	29th Avenue South ROW, along eastern sidewall of Maddux North excavation	January 2021	1,000 pounds	Glacial Recessional and Weathered Till (7.5 to 25 ft bgs)	Aspect, 2021b
Full-Scale Injections		March 2021	1,500 pounds		Aspect, 2021c
McClellan Injections	North side of S. McClellan Street ROW, along southern sidewall of Maddux North excavation	August - October 2022	3,500 pounds	Glacial Recessional and Weathered Till (8 to 18 ft bgs)	Aspect, 2022

The long-term effectiveness of ISCR injections is being evaluated through groundwater performance monitoring. Performance monitoring is conducted in accordance with the CMP (Aspect, 2020c) and reported in Annual Compliance Monitoring Reports (ACMRs). The first ACMR is presented in Section 5 and summarizes results from groundwater sampling and soil gas sampling completed between December 2020 and January 2022. Sampling conducted during that period includes compliance monitoring, as well as supplemental sampling of select wells to evaluate the immediate effectiveness of the remedial excavations and injections. A summary of all post-excavation groundwater sampling events is provided in Section 5.1.3.

4.4.1 ISCR Injection Implementation

This section describes the permitting, design, implementation, and results of the 29th Avenue South Injections and McClellan Injections.

4.4.1.1 Injection Permit Considerations

The 29th Avenue South Injections were completed under the ROW permits and traffic control plans associated with Maddux North construction work on 29th Avenue South (City of Seattle project number 6735099). The McClellan Injections were completed under a Street Use Utility Major Permit (SUUMP 0000198), as required by City of Seattle.

One of the conditions of the SUUMP required by Seattle Public Utilities (SPU) was to monitor vibrations at ground surface during injections to evaluate whether drilling and injection activities would cause vibrations that could potentially damage the cast-iron water main under South McClellan Street. SubTerra, Inc., was subcontracted to perform vibration monitoring and analysis. The results are provided in SubTerra's memorandum "Manual Vibration monitoring – Attenuation Report" (Appendix J). SubTerra concluded that the maximum vibration levels within 3 feet of each injection point were predicted to be significantly below the SPU vibration threshold; therefore, no further vibration monitoring should be required. Upon review of the report, SPU approved discontinuing vibration monitoring.

Direct-push injection points are considered Class V underground injection wells and are subject to the Underground Injection Control (UIC) Program, WAC 173-218. In accordance with WAC 173-218-060(5)(b), because the Site is being managed pursuant to PPCD, a permit is not required, but the wells must be registered with Ecology's UIC program. The

injection wells were registered before each injection event, and all wells were moved to UIC 35515, upon Ecology's request, prior to the McClellan Injection event. All injection wells met the nonendangerment standard and were rule authorized.

4.4.1.2 Injection Design and Implementation

A total of 6,000 pounds (lbs) of S-MicroZVI (Regenesis, Inc) ISCR treatment reagent was injected into a total of 46 locations along the eastern and southern sidewalls of the Maddux North remedial excavation in 2021 and 2022. All ISCR injection locations are shown on Figure 16. S-MicroZVI treatment reagent comprises sulfidated zero-valent iron particles suspended in glycerol, and its specification sheet is provided in Appendix K. The reagent was injected at a mixture ratio of between 1.15 and 1.79 lbs reagent per gallon of injection water using pressure-activated tooling and hydraulic fracturing. The total reagent quantity and volume injected at each location is shown in Table 9. Photos from each injection event are shown in Appendix L.

4.4.1.3 29th Avenue South Injections

The 29th Avenue South Injections included both the pilot and full-scale injections and were completed January 5-7 and February 16-20, 2021. The target total of 2,500 lbs of MicroZVI reagent was emplaced at 19 injection locations along the eastern boundary of the Maddux North remedial excavation (IJ-1 through IJ-19; Figure 16). The full length of the eastern sidewall was treated during 29th Avenue South Injections. Injections were completed in the saturated interval to the depth of the unweathered Pre-Fraser soils in 2.5-foot lifts, resulting in injection depths ranging from 7.5 to 25 feet bgs (approximate elevation 62 to 78 feet). A 2-foot perforated pipe injection tooling was used at injection points IJ-07, IJ-08, and IJ-11 due to unavailability of a pressure-activated tooling.

4.4.1.4 McClellan Injections

The McClellan Injections were conducted during weekends from August 20 through August 28 and October 22 through October 30, 2022. The target total of 3,500 lbs of S-MicroZVI was injected at 27 locations in the north sidewalk and northern lane of South McClellan Street. The injection location layout in South McClellan Street was influenced by Seattle Department of Transportation (SDOT) requirement that no more than 2 locations could be completed in each street panel, resulting in fewer locations and more reagent injected per location. The final design is presented in the "*In Situ* Chemical Reduction Work Plan for S. McClellan St." (Aspect, 2022). The McClellan Injection locations (IJ-20 through IJ-46) are shown on Figure 16. Injections were completed in 2-foot lifts in the saturated interval to the approximate depth of the unweathered Pre-Fraser, 8 to 18 feet bgs (approximate elevation 48 to 70 feet).

4.4.2 Injection Operational Monitoring and Results

Aspect and its subcontracted driller actively monitored the injections and adapted the operations based on field monitoring. For example, the driller continuously monitored and modified injection pressures and flow rates, and recorded data for each location, while Aspect observed for reagent surfacing or breakthrough, and oversaw operations to ensure the injection design was implemented correctly. During the 29th Avenue South Injections, Aspect observed the shoring wall from inside the excavation for reagent breakthrough, and adjusted injection flows and volumes as described in "Results of *In Situ* Chemical Reduction Treatment at Maddux North" (Aspect, 2021c). Daylighting and breakthrough were primarily

observed at the excavation sidewall, with minimal daylighting observed at ground surface, as summarized in Table 9. The following actions were taken to monitor the operation:

- **Water Levels** were monitored using transducers at the wells nearest injections (HC-MW-03 in 29th Avenue South and at HC-MW-05 and AMW-03 along South McClellan Street; Figure 16) during the 29th Avenue South Injections. As expected, the transducer data indicated minimal hydraulic response at locations greater than 10 feet away from injection locations. Manual water levels were collected twice daily during McClellan Injections, except at monitoring wells within 10 feet of an injection location, where dose-response monitoring occurred.

- **Dose-response monitoring** consisted of purging groundwater from monitoring wells and measuring field parameters and water levels frequently during injection at nearby locations. Breakthrough of treatment reagent was indicated by a rapid increase in electrical conductivity concurrent with a rapid rise in water level. Breakthrough was observed after 41 gallons were injected at IJ-33, located 3 feet from HC-MW-05. This relatively rapid breakthrough is indicative of transport through soil fractures rather than permeation. This conclusion is supported by the subsequent rapid water level rise in HC-MW-05 and corroborated by observations of breakthrough at the excavation sidewall. These observations confirmed that hydraulic fracturing occurred and distributed reagent to at least a 3-foot radius. Dose-response monitoring at HC-MW-05 during injection at IJ-31 and IJ-32, prior to injection at IJ-33 and each located 13 feet from HC-MW-05, did not indicate breakthrough. Therefore, the radius of influence of the injections as designed was determined to be between 3 and 13 feet.

- **Soil borings** were advanced along the eastern shoring wall after full-scale implementation of the 29th Avenue South Injections to evaluate reagent distribution. Aspect collected continuous soil samples from four soil borings to evaluate reagent distribution. Aspect examined each core visually for reagent and any injection-induced fractures but did not complete soil analytical testing, as it would not be useful for evaluating reagent distribution. These locations, IPB-01 through IPB-04, are shown on Figure 14. Photos are provided in Appendix L. Observations, including visual indications of S-MicroZVI emplacement (due to its distinctive color); the frequency, size, and orientation of hydraulic fractures; and magnetic field screening for iron content associated with the reagent are detailed on boring logs included in "Results of *In Situ* Chemical Reduction Treatment at Maddux North" (Aspect, 2021c).

Table 9 shows the total injection volumes, flow rates, pressures, and injection solution mixtures for all ISCR injections completed to date.

4.5 Vapor Intrusion Mitigation

Aspect evaluated the potential for VI at the planned redevelopment on both Maddux North and Maddux South as part of the RI/FS (Aspect, 2019). Aspect utilized all groundwater quality results from Maddux North and South, as well as the soil gas sampling results completed during the RI, to inform the VI evaluation, and determined VI risk would exist to future buildings from remaining contamination in soil in the adjacent ROWs, and from groundwater partitioning beneath the redevelopment.

The EDR outlined the design parameters for vapor mitigation at the Site, which included two components:

- **A chemical vapor barrier** was installed to protect Maddux North and Maddux South building occupants from vapors sourced from solvent- and petroleum-contaminated groundwater and/or soil remaining in excavation sidewalls or in the excavation base. Aspect provided recommendations on the design parameters for the chemical vapor barrier and developed site-specific installation details in concert with the manufacturer, general contractor, waterproofing engineers, and project architect, as outlined in the Addendum to the EDR (Aspect, 2021a). Aspect documented the installation of the chosen product, Preprufe® 300R Plus underneath the building slab, and Preprufe® 800PA on the foundation walls. The technical components of the vapor barrier and a photo log showing the progression of vapor barrier installation is included in Appendix M.
- **A passive soil gas venting system** was constructed beneath the slab under the Maddux North and Maddux South buildings using perforated PVC piping. This perforated piping is connected to PVC risers, which are open to the atmosphere above the top of each building. This system provides passive venting to limit the accumulation of any potential soil gas underneath the slab of each building. If needed, though not expected, this underslab venting system could be converted to active ventilation (thus providing a redundant system to the chemical vapor barriers beneath each building).

The effectiveness of the VI mitigation systems is evaluated as part of compliance monitoring events through soil gas sampling at permanent probes that were installed prior to the installation of the chemical vapor barrier beneath each building slab. Installation of the soil gas probes and results of monitoring events are described in Section 5.2.

5 Annual Compliance Monitoring

The ACMR is a required deliverable that is described in the CMP (Aspect, 2020c). This section contains the first ACMR, which summarizes groundwater and soil gas data collected from the start of cleanup action implementation through the most recent sampling event, conducted in December 2022. Evaluations of treatment performance and cleanup standard compliance, and recommendations for additional monitoring and treatment are provided in Section 6.

Compliance monitoring is required by the PPCD, as specified in the CAP (Aspect, 2020a) and described in detail in the CMP (Aspect, 2020c). Compliance monitoring includes soil, groundwater, and soil gas, and is conducted to ensure the cleanup action results in the improvement of groundwater and soil gas quality to meet cleanup levels. Soil compliance monitoring was conducted during the remedial excavations and is summarized in Section 4.

Following completion of the remedial excavation, groundwater compliance sampling occurred during seven events from December 2020 to December 2022, including three events with limited scopes to evaluate ISCR groundwater treatment performance. Semiannual soil gas sampling was conducted in June 2022 and December 2022. The methods and results of these sampling events, an evaluation of compliance with the Site cleanup levels, and an evaluation of ISCR treatment performance are provided in this section.

5.1 Groundwater

This section describes methods and results of post-excavation groundwater sampling and uses the results to evaluate ISCR treatment performance, cleanup level compliance, and potential additional contingency treatment.

As outlined in the CMP, groundwater compliance monitoring consists of performance monitoring to track the reduction in contaminant concentrations postremedial activities, and once groundwater has reached cleanup levels, confirmation monitoring to demonstrate long-term compliance with cleanup levels.

Groundwater monitoring results will also be used to evaluate whether natural attenuation has met performance objectives and to determine whether additional *in situ* groundwater treatment is necessary.

5.1.1 Groundwater Monitoring Network and Installation of Replacement Monitoring Wells

This section summarizes the current and past groundwater monitoring well network, as shown on Figure 3. The well construction logs and status of all Site wells are tabulated in Appendix N.

The semiannual groundwater compliance monitoring network currently consists of 31 groundwater monitoring wells on Maddux North and Maddux South, and in the MLK Jr. Way South, South McClellan Street, and 29th Avenue South ROWs (Figure 3). As discussed in Section 4.1.2, 4 monitoring wells on Maddux North (AMW-1, AMW-2, AMW-10, and AMW-21) and 13 groundwater monitoring wells on Maddux South (MW-1, MW-2, MW-3, MW-4, MW-8, MW-9, MW-11, MW-12, MW-13, AMW-4, AMW-5, AMW-12, and AMW-

13) were decommissioned on July 2, 2020, to allow for remedial excavations. One additional well was decommissioned in the 29th Avenue South ROW to the southeast of Maddux North (HC-MW-03) on January 12, 2023, to facilitate installation of a stormwater catch basin.

Five new groundwater monitoring wells (AMW-25 through AMW-29), necessary for groundwater compliance monitoring, were installed after completing remedial excavations to replace select decommissioned monitoring wells. The installation, development, and survey of new groundwater monitoring wells was completed in accordance with WAC 173-160-420, and the procedures detailed in the SAP/QAPP of the CMP (Aspect, 2020c). The new wells were drilled using a direct-push drill rig and constructed of 2-inch-diameter, Schedule 40 PVC blank casing and 0.010-inch slot (10-slot) well screen. The screen lengths of the new wells are similar to the original monitoring wells they replace and installed at similar elevations. A summary of replacement monitoring wells is provided in Table D and their locations are shown on Figure 3. All wells were completed with an appropriate protective seal and secured with a locking well cap. AMW-26 through AMW-29 were installed in January and February 2023, and will be sampled for the first time in June 2023 as part of the next Site-wide compliance monitoring event.

A new monitoring well was planned to replace decommissioned monitoring wells AMW-12 and AMW-13 on Maddux South. However, the location of the proposed replacement well on Maddux South was not accessible due to utilities and other fixed infrastructure. It was decided, in coordination with Ecology, that the proposed well would not be necessary for compliance monitoring. This well was originally labeled AMW-29 in the CMP. To keep well names sequential, the next well replacement following this decision, which replaces HC-MW-03 on Maddux North, was named AMW-29.

Table D. Summary of Monitoring Well Replacements

Original Well(s)	Replacement Well	Replacement Well Installation Date
AMW-21	AMW-25	January 8, 2021
AMW-10	AMW-26	January 12, 2023
MW-03, MW-08, MW-12	AMW-27	January 13, 2023
MW-02, AMW-12	AMW-28	January 13, 2023
AMW-12, AMW-13	Not replaced due to limited accessibility and proximity to AMW-20	N/A
HC-MW-03	AMW-29	February 17, 2023

In addition, the well casing and monument of monitoring well HC-MW-05 was modified to accommodate street improvement work and new surface grades. The modifications to HC-MW-05 included cutting and removing a small segment of the well casing and resetting the monitoring well monument to be flush with the new grade of the street or sidewalk. Also, at

location HC-MW-01, the monument was removed and replaced during trenching for the domestic and fire water services to the Maddux South building. The overall construction and utility of these two monitoring wells was unaffected by the modifications to their casings and monuments. The top-of-casing elevations of HC-MW-01 and HC-MW-05 were professionally resurveyed following the modifications to the wells, and their surveyed elevations are provided in Appendix N. All replacement monitoring well installations and the casing modifications to HC-MW-05 were completed by a licensed driller in accordance with WAC 173-160-420.

5.1.2 Post-Remedial Excavation Groundwater Sampling

Following completion of the remedial excavation, groundwater samples were obtained and submitted for chemical analysis during the following seven sampling events (some were Sitewide and some partial well network monitoring events as noted below):

1. **December 2020** (Site wide) – A Site-wide round of groundwater samples was collected to evaluate post-excavation groundwater quality (Aspect, 2021b). This was the only monitoring event that was completed after the remedial excavation and before injections. Samples were analyzed for petroleum hydrocarbons (TPHg, TPHd, TPHo, and BTEX) and chlorinated volatile organic compounds (cVOCs) in accordance with the CMP (Aspect, 2020c).

2. **January 2021** (partial) – Three wells located near the eastern property boundary of Maddux North were sampled and analyzed for cVOCs to evaluate post-pilot-test groundwater quality (Aspect, 2021b).

3. **March 2021** (partial) – Eight wells in the vicinity of the injections completed on 29th Avenue South were sampled and analyzed for cVOCs to evaluate full-scale 29th Avenue South ISCR injections (Aspect, 2021c).

4. **June 2021** (Site wide) – A Site-wide round of groundwater samples was collected to evaluate groundwater quality semiannually, in accordance with the CMP. Samples were analyzed for petroleum hydrocarbons and cVOCs (Aspect, 2022).

5. **January 2022** (partial) – Nine wells in the vicinity of Maddux North were sampled and analyzed for cVOCs to evaluate full-scale 29th Avenue South ISCR injections (Aspect, 2022).

6. **June 2022** (Site wide) – A Site-wide round of groundwater samples was collected to evaluate groundwater quality semiannually, in accordance with the CMP. Samples were analyzed for petroleum hydrocarbons and cVOCs per the CMP, and samples collected from seven wells adjacent to Maddux North were also analyzed for geochemical parameters to establish a baseline for the McClellan Injections treatment performance monitoring and evaluate MNA.

7. **December 2022** (Site wide) – A Site-wide round of groundwater samples was collected to evaluate groundwater quality semiannually, in accordance with the CMP. Samples were analyzed for petroleum hydrocarbons and cVOCs per the CMP, and samples collected from seven wells adjacent to Maddux North were also analyzed for geochemical parameters to evaluate the McClellan Injections treatment performance and MNA.

Groundwater samples were analyzed for a combination of the following analyte groups depending on their location on the Site:

- TPH analytes:
    - TPHg by Ecology Method NWTPH-Gx
    - TPHd and TPHo by Ecology Method NWTPH-Dx (without Silica Gel Cleanup)
    - BTEX by EPA Method 8260
- CVOCs by EPA Method 8260
- Geochemical parameters
    - Dissolved gases (ethane, ethene, and methane) by Method RSK-175
    - Total Organic Carbon (TOC) by EPA Method 415.1 (or SW-846 Method 9060)
    - Alkalinity by Standard Method SM 2320 B
    - Chloride, Nitrate, Nitrite, and Sulfate by EPA Method 300.0
    - Iron (dissolved, field filtered) by EPA Method 6020 or 6010B

Results of each of these events are described in Section 5.1.3. Groundwater sampling procedures and a discussion of data validation completed using the quality assurance protocols outlined in the SAP/QAPP is described in Appendix O.

5.1.3 Groundwater Monitoring Results

The results from the seven groundwater monitoring events that occurred between December 2020 and December 2022 are presented in this section, including results for TPH, cVOC, and geochemical analytes.

5.1.3.1 Hydrogeology Results

Groundwater elevation data collected during monitoring events indicated that groundwater flow direction and hydraulic gradients were altered by the building constructed at Maddux North. Groundwater elevations provided in Table 10 and Figures 17 through 19 show the pre- and postconstruction inferred groundwater elevation contours. At Maddux North, the eastern sidewall of the remedial excavation extended down to between elevations 57 and 60 feet, well below the average groundwater elevation on this upgradient portion of the Site, which had been documented to range between elevation 71 to 78 feet, as shown on Cross Section B-B' (Figure 8). As the shoring was advanced during mass excavation, the space behind the lagging was backfilled with flowable controlled-density fill (CDF). CDF is a relatively impermeable material, and this nearly continuous wall of CDF behind the shoring lagging remains in place. The CDF behind the shoring wall limits groundwater flow in the historical direction (to the southwest) and locally redirects groundwater flow to the south before turning west around the corner of the building and down South McClellan Street. This effect is shown in the groundwater contours and in the groundwater elevations for AMW-21 and

25. Elevations in wells down- and crossgradient of the building show a less-pronounced effect.

5.1.3.2 Groundwater TPH Results

Groundwater samples were submitted for petroleum hydrocarbons during four of the seven sampling events: December 2020, June 2021, June 2022, and December 2022. All wells sampled for petroleum hydrocarbons during the monitoring period are located on Maddux South, down- or crossgradient of the petroleum source area. Petroleum hydrocarbon groundwater sampling results are summarized in Table 11 and shown on Figure 17, which consists of 4 maps showing the petroleum hydrocarbon concentrations in groundwater prior to the excavation (2018), after remedial excavation (December 2020), after 29th Avenue South Injections (June 2022), and after McClellan Injections (December 2022).

No compliance monitoring wells have exceeded cleanup levels for BTEX, TPHg, or TPHo since the remedial excavation at Maddux South was conducted in 2020. However, following completion of the remedial excavation, TPHd has been detected at concentrations above the Site cleanup level of 500 micrograms per liter (µg/L) in three monitoring wells, all located downgradient of Maddux South in the MLK Jr. Way South ROW:

Table E. Selected Post-Excavation TPHd Screening Results

	TPHd Concentration Relative to the Cleanup Level		
Well ID	December 2020 Event (post-excavation)	June 2022 Event (post-29th Avenue South Injections)	December 2022 Event (post-McClellan Injections)
AMW-17	Below	Above	Below
MW-10	Below	Above	Above
AMW-16	Non-detect	Above	Below

Note: See Table 11 and Figure 17 for detected concentrations.

5.1.3.3 Groundwater CVOC Results

Groundwater samples were submitted for chemical analysis during all seven sampling events that occurred between December 2020 and December 2022. Results for these sampling events are summarized in Table 12 and the following figures:

- Figures 18 and 19 each contain four maps that summarize results from before remediation (2018), after remedial excavation (December 2020), after 29th Avenue South Injections (June 2022), and after McClellan Injections (December 2022). Figure 18 summarizes PCE results, while Figure 19 summarizes PCE, TCE, cDCE, and VC results.
- Figure 20 shows cVOC concentration trends through time for select wells located in and immediately downgradient of the Maddux North source area.
- Figures 21 and 22 show the absolute and molar concentrations through time, respectively, of cVOCs in the same wells shown in Figure 20.

Based on the chemical analytical results obtained during the seven groundwater sampling events, key variations and trends in cVOC concentrations include the following:

Tetrachloroethylene

PCE concentrations in wells downgradient of Maddux North decreased significantly following excavation, and again following injections. The maximum decrease observed was from 5,600 µg/L to 3.37 µg/L (which is less than the Site cleanup level) at HC-MW-05. PCE exceedances are currently limited to three wells located adjacent to Maddux South. Table F, below, summarizes exceedances of PCE in groundwater across the seven groundwater monitoring events relative to the location of the monitoring wells at the Site (downgradient of Maddux North or downgradient of Maddux South).

Table F. Post-Excavation Exceedances of PCE in Groundwater

Monitoring Event	Purpose of Sampling Event	PCE Analytical Results		
		Area of Site	Number of Wells Exceeding	Wells Which Exceed Site Cleanup Levels
December 2020	Post-Excavation Site-wide groundwater quality	Down/sidegradient of M. North	6 of 13	AMW-06, AMW-24, HC-MW-01, HC-MW-02, HC-MW-03, HC-MW-05
		Downgradient of M. South	0 of 14	None
January 2021	Post 29th Ave ISCR pilot test performance monitoring	Down/sidegradient of M. North	1 of 3	HC-MW-05
		Downgradient of M. South	--	--
March 2021	Post 29th Ave ISCR full scale injections performance monitoring	Down/sidegradient of M. North	4 of 8	AMW-06, HC-MW-01, HC-MW-02, HC-MW-05
		Downgradient of M. South	--	--
June 2021	Site-wide groundwater quality	Down/sidegradient of M. North	4 of 14	AMW-24, HC-MW-01, HC-MW-02, HC-MW-05
		Downgradient of M. South	0 of 14	None
January 2022	Post 29th Ave ISCR full scale injections performance monitoring	Down/sidegradient of M. North	5 of 8	AMW-19, AMW-24, HC-MW-01, HC-MW-02, HC-MW-05
		Downgradient of M. South	--	--
June 2022	First Semiannual Compliance Monitoring Event	Down/sidegradient of M. North	5 of 13	AMW-19, AMW-24, HC-MW-02, HC-MW-05, HC-MW-06
		Downgradient of M. South	1 of 14	AMW-20
December 2022	Second Semiannual Compliance Monitoring Event	Down/sidegradient of M. North	2 of 13	AMW-19, AMW-24
		Downgradient of M. South	1 of 14	AMW-20

During the most recent compliance monitoring event (December 2022), PCE concentrations decreased in the five wells that exceeded the Site cleanup level during the June 2022 sampling event (AMW-20, AMW-24, HC-MW-02, and HC-MW-05, and HC-MW-06), which was prior to the McClellan Injections. Three of those wells closest to the McClellan Injections decreased to below the Site cleanup level (HC-MW-02, HC-MW-05, and HC-

MW-06). PCE concentrations increased in one well to above the Site cleanup level, AMW-19.

Trichloroethylene and Cis-1,2-Dichloroethylene

TCE and cDCE exceedances, which were observed both north and south of Maddux South prior to remedial excavation, are now primarily collocated with the PCE exceedances downgradient of the injection treatment areas and are not seen downgradient of Maddux South. During the most recent compliance monitoring event (December 2022), TCE concentrations decreased to below the Site cleanup level in HC-MW-02 and HC-MW-05, closest to McClellan Injections, and increased in AMW-19 and AMW-24, located downgradient of the McClellan treatment area. cDCE decreased to below the Site cleanup level at AMW-19 and HC-MW-06 but increased at AMW-25.

Vinyl Chloride

The VC plume footprint and concentrations downgradient of Maddux South remain stable following remedial excavations and injections. Table G below summarizes exceedances of VC in groundwater across the seven groundwater monitoring events relative to the location of the monitoring wells at the Site (downgradient of Maddux North or downgradient of Maddux South).

Table G. Post-Excavation Exceedances of VC in Groundwater

Monitoring Event	Purpose of Sampling Event	VC Analytical Results		
		Area of Site	Number of Wells Exceeding	Wells Which Exceed Site Cleanup Levels
December 2020	Post-Excavation Site-wide groundwater quality	Down/sidegradient of M. North	4 of 13	AMW-19, AMW-24, HC-MW-01, HC-MW-02
		Downgradient of M. South	6 of 14	MW-7, MW-10, AMW-11, AMW-15, AMW-16, AMW-22
January 2021	Post 29th Ave ISCR pilot test performance monitoring	Down/sidegradient of M. North	0 of 3	None
		Downgradient of M. South	--	--
March 2021	Post 29th Ave ISCR full scale injections performance monitoring	Down/sidegradient of M. North	3 of 8	AMW-19, HC-MW-01, HC-MW-02
		Downgradient of M. South	--	--
June 2021	Site-wide groundwater quality	Down/sidegradient of M. North	4 of 14	AMW-19, HC-MW-01, HC-MW-02, HC-MW-05
		Downgradient of M. South	4 of 14	AMW-11, AMW-15, AMW-16, AMW-22
January 2022	Post 29th Ave ISCR full scale injections performance monitoring	Down/sidegradient of M. North	4 of 8	AMW-19, AMW-24, HC-MW-01, HC-MW-02
		Downgradient of M. South	--	--
June 2022		Down/sidegradient of M. North	5 of 13	AMW-19, AMW-25, HC-MW-02, HC-MW-03, HC-MW-05

Monitoring Event	Purpose of Sampling Event	VC Analytical Results		
		Area of Site	Number of Wells Exceeding	Wells Which Exceed Site Cleanup Levels
	First Semiannual Compliance Monitoring Event	Downgradient of M. South	5 of 14	MW-07, AMW-11, AMW-15, AMW-20, AMW-22
December 2022	Second Semiannual Compliance Monitoring Event	Down/sidegradient of M. North	5 of 13	AMW-19, AMW-25, HC-MW-02, HC-MW-05, HC-MW-06
		Downgradient of M. South	6 of 14	MW-07, MW-10, AMW-11, AMW-15, AMW-16, AMW-22

Additional VC has been generated in South McClellan Street, downgradient of Maddux North and upgradient of Maddux South due to reductive dechlorination resulting from the both the 29th Avenue South and McClellan ISCR injections. During the December 2022 monitoring event, VC decreased at HC-MW-02, HC-MW-05, HC-MW-06, and AMW-19, located within or downgradient of McClellan Injections. VC concentrations in the plume downgradient of Maddux South have remained stable throughout the remediation and monitoring period.

Summary of cVOC Groundwater Monitoring Results

Groundwater quality has significantly improved following both remedial excavation of chlorinated solvent-contaminated soil on Maddux North and the successful implementation of in situ groundwater treatment in areas where sidewall soil performance sampling indicated higher concentrations of PCE sorbed to soil. These improvements to groundwater quality are significant, most notably downgradient of the source area from the release of chlorinated solvents on Maddux North. For example, concentrations of PCE in groundwater at HC-MW-05, which is outside of the remedial excavation area and downgradient of the historical source area, have declined from 5,600 ug/L from before remediation to 3.37 ug/L, which is below the Site cleanup level. Groundwater compliance monitoring will continue on a semiannual basis in June and December 2023, and the analytical results will be summarized in the next ACMR.

It should be noted that at AMW-24 (located south of South McClellan Street and east of Maddux South), PCE and TCE concentrations (238 and 25.5 ug/L, respectively) in groundwater exceeded the MTCA Method B groundwater VI screening levels for PCE and TCE (25 and 1.4 ug/L, respectively) during the December 2022 compliance sampling event. However, the PCE and TCE concentrations in groundwater at AMW-24 in 2022 were less than half the concentrations during the RI in 2019. Further discussion of the groundwater to soil gas pathway and potential vapor intrusion is included in Section 6.1.3 below.

Groundwater Geochemical Results

Geochemical analysis of groundwater samples occurred in June and December 2022 and was conducted for seven wells upgradient of Maddux South (Table 12) to monitor how quickly ISCR-treated groundwater was migrating downgradient from the 29th Avenue South and McClellan Injections. A discussion of the results of geochemical monitoring is presented by parameter below.

- **Nitrate and Sulfate:** Low nitrate and sulfate concentrations and the presence of methane indicated that conditions were highly reducing throughout Maddux North, except at AMW-25, which was installed underneath the Maddux North building and is sidegradient form the 29th Avenue South injections and at HC-MW-05 and AMW-24, which border South McClellan Street to the north and south, respectively. Highly reducing conditions were the objective of the ISCR injections and indicate favorable conditions for continued degradation of chlorinated solvents.

- **Iron:** Dissolved iron was measured as a direct indication for the presence of the microZVI reagent used during ISCR injections. Dissolved iron greater than 5,000 µg/L at HC-MW-03 indicated distribution of ISCR reagent. Lower concentration detections of dissolved iron at HC-MW-02 and AMW-25 indicate potential iron transport downgradient of the injections. A dissolved iron concentration of 8,340 µg/L at AMW-19 in June 2022, followed by a decrease to 882 µg/L either indicates a preferential pathway for iron reagent, or a different source of iron.

- **TOC:** Elevated TOC at AMW-19, which is located on the south side of South McClellan Street, seems to indicate ISCR reagent transport downgradient of the McClellan Injections as well, although this concentration could easily be caused by other anthropogenic or natural carbon sources.

- **Ethane and Ethene:** HC-MW-05 and AMW-19 were the only wells where ethane or ethene were detected, indicating cVOCs are being fully degraded into nontoxic end products at these locations. The lack of ethane or ethene in upgradient wells seems to indicate that a "wave" of treated water has moved from the location of 29th Avenue South Injections in early 2021 downgradient to AMW-19 by June 2022, and a new wave of treated water was produced at HC-MW-05 by the McClellan Injections.

MTCA does not provide a groundwater cleanup level for methane, but methane produced during *in situ* treatment can create dangerous conditions by exceeding the lower explosive limit concentration in air in subsurface spaces like basements and vaults. Based on previous guidance from Ecology, groundwater analytical results were screened against a 10 milligram per liter (mg/L) screening level suggested by the Indiana Department of Environmental Management (2019). The highest methane result was 2.16 mg/L; therefore, there is no risk of explosive conditions resulting from methane production.

5.2 Soil Gas Monitoring

Soil gas is a media of concern at the Site, representing the VI exposure pathway, as listed in the CAP. The VI pathway was addressed at the Maddux North and South buildings through cleanup action implementation (remedial excavation, groundwater treatment, and installation of a chemical vapor barrier in each building). Soil gas compliance monitoring is conducted to demonstrate that the VI into each building has been effectively mitigated through implementation of the cleanup action. Soil gas compliance monitoring began in 2022 and was completed during two sampling events in June and December 2022. The installation of permanent soil gas probes, sampling methods, and chemical analytical results of soil gas samples are described below.

5.2.1 Installation of Soil Gas Probes and Soil Gas Monitoring Network

Five permanent soil gas probes were installed in July 2021 at Maddux North and Maddux South before the installation of the chemical vapor barriers. The locations of the soil gas probes, shown on Figure 3, were determined based on the footprint of the proposed building foundation and internal building layout. Three soil gas probes (ASG-01, ASG-02, and ASG-03) are on the ground floor of the Maddux North building, and the remaining two soil gas probes (ASG-04 and ASG-05) are located on the ground floor of the Maddux South building.

Each of the five soil gas probes was constructed with a 6-inch-long by 0.5-inch-outer-diameter stainless-steel slotted screen and 0.25-inch-outer-diameter Teflon tubing inside the screen. The screen filter pack is made of a clean, granular silica media with an appropriate bentonite seal and concrete to grade. Gas points are protected by a 4-inch-diameter steel monument in concrete. The screens were set at a depth of approximately 6 to 12 inches beneath the chemical vapor barriers.

5.2.2 Post-Excavation Soil Gas Compliance Monitoring

Two soil gas monitoring events have been completed following remedial excavation: June 2022 and December 2022. Sample locations and analytes were the same for both events, consistent with the CMP. Soil gas samples were collected from each of the five probes and submitted for chemical analysis. Samples from the Maddux North building probes (ASG-01, ASG-02, and ASG-03) were analyzed for cVOCs, and samples from the Maddux South building probes (ASG-04 and ASG-05) were analyzed for cVOCs, air-phase hydrocarbons, naphthalene, and BTEX using the following analyses:

- cVOCs, naphthalene, and BTEX by EPA Method TO-15
- Air-phase hydrocarbons by Massachusetts's Department of Environmental Protection Method Air-Phase Petroleum Hydrocarbons (MDEP APH)

Results of each of the soil gas monitoring events are described in Section 5.2.3. Soil gas sampling procedures and a discussion of data validation completed using the quality assurance protocols outlined in the SAP/QAPP is described in Appendix O.

5.2.3 Soil Gas Sampling Results

Five soil gas samples were obtained from the permanent soil gas monitoring points in June 2022 (after the 29th Avenue South Injections and before the McClellan Injections were completed) and again in December 2022 (after the McClellan Injections were completed) and submitted for chemical analysis:

- **June 2022:** TCE and/or cDCE were detected in three soil gas samples (ASG-01 and ASG-03 at Maddux North and ASG-05 at Maddux South), but none of the five samples exceeded the Site subslab soil gas screening levels for the Maddux buildings (Table 13).
- **December 2022**: PCE,TCE, and/or cDCE were detected in all five of the soil gas samples (ASG-01, ASG-02 and ASG-03 at Maddux North and ASG-04 and ASG-05 at Maddux South), but none of the samples exceeded the Site subslab soil gas screening levels for the Maddux buildings (Table 13).

The soil gas results are summarized in Table 13 and shown on Figure 23. Conclusions and recommendations relating to soil gas sampling results are discussed in Section 6.1.3.

6 Conclusions and Recommendations

6.1 Cleanup Action and Compliance Monitoring Summary

As described in Sections 4 and 5, a cleanup action and compliance groundwater and soil gas monitoring was completed at the Mt. Baker Properties Site to:

- Remove contaminated soil and groundwater from Maddux North and South during remedial excavation.
- Treat contaminated groundwater remaining outside of the Maddux North and South parcel boundaries by completing ISCR injections.
- Prevent chemical VI into the new buildings through installation of chemical vapor barriers and construction of passive soil gas venting systems.
- Evaluate groundwater and soil gas conditions at the Site through compliance monitoring.

The detailed results of the cleanup action and compliance monitoring, by media, are described below.

6.1.1 Soil

The cleanup action objective for soil was to reduce concentrations of petroleum hydrocarbon- and chlorinated solvent-related COCs to meet cleanup standards. The cleanup action was successful in meeting objectives for soil, as demonstrated by the following:

- Successful excavation and off-Site permitted disposal of more than 12,900 tons of chlorinated solvent-contaminated soil from Maddux North, removing the source area, and significantly reducing the contaminant mass.
- Successful excavation and off-Site permitted disposal of more than 2,900 tons of petroleum- and chlorinated solvent-contaminated soil from Maddux South, removing the source area for petroleum-related contaminants, and significantly reducing contaminant mass.

Chlorinated solvents remain in soil along the north, east, and south sidewalls of Maddux North and the south and west sidewalls of Maddux South. Likewise, petroleum hydrocarbons remain in the south and west sidewalls of Maddux South. The inaccessible, residual contaminated soil is located beneath ROWs and cannot be removed. However, as demonstrated by the post-remedial excavation groundwater sampling results, COC concentrations in groundwater decreased significantly following the remedial excavations, and *in situ* treatment and long-term compliance monitoring will be completed to demonstrate that the remaining soil contamination is no longer an ongoing source of groundwater contamination.

6.1.2 Groundwater

The cleanup action objective for groundwater was to reduce concentrations of petroleum hydrocarbon- and chlorinated solvent-related COCs in groundwater to meet cleanup

standards at the Site within a reasonable time frame. It is anticipated that concentrations of COCs, specifically VC, in groundwater will take many years to meet cleanup standards throughout the Site. However, the following actions were taken (in addition to the remedial excavations) to significantly improve the groundwater quality at the Site and reduce the restoration time frame:

- Successful treatment and discharge of approximately 186,000 gallons of contaminated groundwater from Maddux North, and 8,300 gallons of contaminated groundwater from Maddux South.
- Emplacement of 2,500 lbs of S-MicroZVI reagent along the eastern sidewall of the excavation in the ROW of 29th Avenue South to treat chlorinated solvent-contaminated groundwater in areas where sidewall concentrations of PCE in soil exceeded the Site cleanup levels.
- Emplacement of 3,500 lbs of S-MicroZVI reagent in the ROW of South McClellan Street to the south of the Maddux North excavation to treat chlorinated solvent-contaminated groundwater in areas where sidewall concentrations of PCE in soil exceeded the Site cleanup levels.
- The initial monitoring events for MNA implemented through ongoing compliance monitoring. The first year of compliance monitoring was completed in June and December 2022 and groundwater chemical analytical data indicates the restoration time frame was reduced by accelerating reductive dechlorination.

6.1.3 Soil Gas and Vapor Intrusion

The cleanup action objective for soil gas was to reduce concentrations of Site COCs in soil and groundwater and to install engineering controls to prevent VI into the new Maddux North and Maddux South buildings. Passive venting systems and chemically resistant chemical vapor barriers were constructed around the foundations and subgrade walls of the buildings at both Maddux North and Maddux South to mitigate potential VI related to remaining contaminated soil and groundwater impacts. The soil gas analytical results from beneath the Maddux North and Maddux South buildings indicate the cleanup actions have successfully reduced soil gas concentrations to below the Site-specific screening levels for those two buildings.

As noted in Section 5.1.3.3, AMW-24, which is upgradient and near the dentist office building at 2815 South McClellan Street, has consistently exceeded the MTCA Method B groundwater VI screening levels for PCE, TCE, and cDCE since 2019 (Table 12). However, indoor air sampling of the dentist office building adjacent to AMW-24 conducted in 2019 indicated cVOC concentrations in indoor air did not exceed cleanup levels; therefore, the VI exposure pathway was incomplete. Since then, the TCE concentration in groundwater at AMW-24 has decreased by 53 percent. Therefore, despite the current screening level exceedance, the vapor intrusion pathway remains incomplete, and further VI assessment is not warranted.

6.2 Recommendations

The cleanup action completed at the Mt. Baker Properties Site was effective in reducing contaminant concentrations across all medias. In addition, all contaminated soil that could be

removed was successfully excavated and transported for off-Site disposal. We recommend completing the following to continue to reduce concentrations of COCs in groundwater and to monitor Site conditions:

- **Additional Groundwater Treatment.** Although the remedial excavations and ISCR treatment conducted to date have resulted in a significant decrease in cVOC concentrations in groundwater, downgradient groundwater outside of the treatment area (specifically, PCE concentrations in AMW-24 and AMW-19, and VC concentrations downgradient of Maddux South) may still require decades of monitored natural attenuation (MNA) to reach the Site cleanup levels. Given the efficacy of ISCR treatment conducted adjacent to Maddux North, additional treatment along the south lane of South McClellan Street (north of Maddux South) is recommended to reduce the PCE concentrations north of Maddux South, and the VC concentrations south of Maddux South. We anticipate that this additional treatment will significantly accelerate the restoration time frame for COCs in downgradient groundwater to reach Site cleanup levels.

- **Groundwater Compliance Monitoring.** Groundwater results presented in Section 5.1.3 indicate that the remedial excavation and groundwater treatment have significantly decreased the COC concentrations in groundwater and have also decreased the lateral extent of PCE-contaminated groundwater at the Site. Compliance monitoring will continue on a semiannual basis at all Site wells in June and December 2023. Confirmation monitoring will be deemed complete for up- and sidegradient monitoring wells that do not contain Site COCs above the Site cleanup levels over the four consecutive compliance monitoring events in 2022 and 2023, and those monitoring wells will be removed from the compliance monitoring program in 2024.

- **Soil Gas Compliance Monitoring.** Based on the chemical analytical results of the **s**oil gas data collected in June and December of 2022 (Section 5.2.3), no indoor air sampling is warranted. Consistent with the CMP, soil gas compliance monitoring will continue semiannually for one additional year (June and December 2023) to confirm long-term protectiveness at these locations. Confirmation monitoring for soil gas will be deemed complete if Site COCs remain below the Site subslab soil gas screening levels over the four consecutive compliance monitoring events in 2022 and 2023, and if groundwater concentrations of Site COCs in the vicinity of the buildings remains stable or decline.

Aspect will prepare a work plan describing the additional recommended injections for review and approval by Ecology. The groundwater compliance monitoring will be completed in June and December 2023, and going forward until COCs in groundwater are below the Site cleanup levels. Soil gas compliance monitoring will be completed in June and December 2023 and, if COCs remain below screening levels, will be discontinued following the December 2023 sampling event. The compliance monitoring results will be summarized in an ACMR.

7 References

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Limitations

Work for this project was performed for Mount Baker Housing Association (Client), and this report was prepared in accordance with generally accepted professional practices for the nature and conditions of work completed in the same or similar localities, at the time the work was performed. This report does not represent a legal opinion. No other warranty, expressed or implied, is made.

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Please refer to Appendix P titled "Report Limitations and Guidelines for Use" for additional information governing the use of this report.

TABLES

Table 1. Extremely Hazardous Waste and Dangerous Waste Performance Samples

Project No.160324, Maddux North and South, Seattle, Washington

Soil Management Category	Analyte Group				Volatile Organic Compounds						
	Analyte				Tetrachloroethene (PCE)	PCE TCLP	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cDCE)	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride
	Unit				mg/kg	ug/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Dangerous Waste Criteria[(1)]				14	700	10	--	--	14	4
	Location	Date	Sample	Elevation (ft)							
Extremely Hazardous Waste	HW-P24-P19.5-N	08/31/2020	HW-P24-P19.5-70-N	70	**0.679**	--	< 0.0210 U	< 0.0210 U	< 0.0210 U	< 0.0210 U	< 0.0210 U
	HW-SW-N-N	08/31/2020	HW-SW-N-73-N	73	**1.69**	--	< 0.0251 U	< 0.0251 U	< 0.0251 U	< 0.0251 U	< 0.0251 U
	HW-SW-SE-N	08/31/2020	HW-SW-SE-73-N	73	**0.895**	--	< 0.0261 U	< 0.0261 U	< 0.0261 U	< 0.0261 U	< 0.0261 U
	HW-SW-SW-N	08/31/2020	HW-SW-SW-73-N	73	**1.11**	--	< 0.0385 U	< 0.0385 U	< 0.0385 U	< 0.0385 U	< 0.0385 U
Dangerous Waste	P18-P23	09/03/2020	DW-P23.5-P18.5-67-N	67	**33.0**	**526**	< 1.35 U	< 1.35 U	< 1.35 U	< 1.35 U	< 1.35 U
		10/5/2020	B-P23-P18-60-N	60	< 0.0258 U	--	< 0.0258 U	< 0.0258 U	< 0.0258 U	< 0.0258 U	< 0.0258 U
	P18-P24	9/3/2020	DW-P24-P18.5-76-N	76	**3.09**	**23.8**	< 1.41 U	< 1.41 U	< 1.41 U	< 1.41 U	< 1.41 U
		9/2/2020	DW-P24-P18.5-67-N	67	**21.2**	**288**	< 1.16 U	< 1.16 U	< 1.16 U	< 1.16 U	< 1.16 U
		9/3/2020	DW-P24.5-P18-63-N	63	< 1.12 U	--	< 1.12 U	< 1.12 U	< 1.12 U	< 1.12 U	< 1.12 U
	P19-P24	9/2/2020	DW-P24-P19-76-N	76	**15.9**	**115**	< 1.26 U	< 1.26 U	< 1.26 U	< 1.26 U	< 1.26 U
	P20-P24	9/2/2020	DW-P24-P20.5-73-N	73	**7.35**	**131**	< 1.30 U	< 1.30 U	< 1.30 U	< 1.30 U	< 1.30 U
		9/2/2020	DW-P24-P20.5-76-N	76	< 0.893 U	--	< 0.893 U	< 0.893 U	< 0.893 U	< 0.893 U	< 0.893 U
		9/2/2020	DW-P24-P20-69-N	69	< 1.21 U	< 10.0 U	< 1.21 U	< 1.21 U	< 1.21 U	< 1.21 U	< 1.21 U
	P17-P25	9/3/2020	DW-P25-P17-63-N	63	**1.45**	--	< 1.06 U	< 1.06 U	< 1.06 U	< 1.06 U	< 1.06 U
	P19-P25	9/3/2020	DW-P25-P19-63-N	63	< 1.19 U	--	< 1.19 U	< 1.19 U	< 1.19 U	< 1.19 U	< 1.19 U
	P17-P26	9/3/2020	DW-P26-P17-63-N	63	< 1.47 U	--	< 1.47 U	< 1.47 U	< 1.47 U	< 1.47 U	< 1.47 U
	P18-P26	9/3/2020	DW-P26-P18-60-N	60	< 0.0295 U	--	< 0.0295 U	< 0.0295 U	< 0.0295 U	< 0.0295 U	< 0.0295 U
	P18-P27	9/3/2020	DW-P27-P18-63-N	63	**8.38**	--	< 1.21 U	< 1.21 U	< 1.21 U	< 1.21 U	< 1.21 U

Notes:

(1) - Dangerous Waste Criteria in soil is based on the maximum potential leachability (1/20th) of the soil sample and the toxicity criteria established in Washington Administrative Code 173-303-090.

Bold = detected

Gray shading - Indicates samples which did not meet the screening criteria for dangerous waste criteria and were subsequently submitted for Toxicity Characteristic Leaching Procedure (TCLP) testing. No concentrations of PCE in TCLP leachate exceeded the dangerous waste toxicity criteria.

U = analyte not detected at the reporting limit shown

mg/kg = milligrams per kilogram

Table 2. Summary of Stockpile and UST Soil Sampling Results

Project No. 160324, Maddux North and South, Seattle, Washington

				Benzene, Toluene, Ethylbenzene, and Total Xylenes				Polycyclic Aromatic Hydrocarbons							
			Analyte	Benzene	Toluene	Ethylbenzene	Total Xylenes	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(g,h,i)perylene	Fluoranthene	Fluorene
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
			MTCA Method A Cleanup Level	0.03	7	6	9								
Location	**Date**	**Sample**	**Sample Description**												
Maddux North															
UST #1 (NE Corner)	07/30/2020	B-UST-1	Base Sample	< 0.0187 U	< 0.0187 U	< 0.0234 U	< 0.0468 U	--	--	--	--	--	--	--	--
	07/30/2020	ESW-UST-1	East Sidewall	< 0.0202 U	< 0.0202 U	< 0.0253 U	< 0.0506 U	--	--	--	--	--	--	--	--
	07/30/2020	NSW-UST-1	North Sidewall	< 0.0213 U	< 0.0213 U	< 0.0267 U	< 0.0533 U	--	--	--	--	--	--	--	--
	07/31/2020	ST-UST-1	Stockpile - Sand Bags	< 0.0165 U	< 0.0165 U	< 0.0206 U	< 0.0413 U	< 35.9 U	< 35.9 U	< 35.9 U	< 35.9 U	< 35.9 U	< 35.9 U	**67.3**	< 35.9 U
P54 Soil Cuttings	08/04/2020	P1-P54-ST	Stockpile	--	--	--	--	--	--	--	--	--	--	--	--
UST #2 (Near P9A)	09/09/2020	ST-UST-2	Contents of UST	< 2.17 U	**0.550 J**	< 2.71 U	**0.918 J**	**1940**	< 64.8 U	< 64.8 U	< 64.8 U	**588**	**76.7**	**283**	**612**
	09/09/2020	ST-UST-3	Stockpile	< 1.13 U	**0.386 J**	< 1.42 U	< 2.84 U	< 42.2 U	< 42.2 U	< 42.2 U	< 42.2 U	< 42.2 U	< 42.2 U	**79.2**	< 42.2 U
Maddux South															
Soil segregated from the vicinity of P4	09/29/2020	SP-P4.5-64-S	Stockpile	**0.0695**	**0.776 J**	**0.134**	**0.806**	--	--	--	--	--	--	--	--
Potentially impacted soil in stockpile	10/21/2020	SP-102120-S	Stockpile	< 0.0220 U	< 0.0220 U	< 0.0275 U	< 0.0551 U	--	--	--	--	--	--	--	--

Notes:

Bold - detected

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U - Analyte not detected at or above Reporting Limit (RL) shown

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X - Chromatographic pattern does not match fuel standard used for quantitation

Gasoline-Range Hydrocarbons are screened against a tighter value when benzene is present in the sample.

mg/kg - milligrams per kilogram, ug/kg - microgram per kilogram

UST - underground storage tank

Table 2. Summary of Stockpile and UST Soil Sampling Results

Project No. 160324, Maddux North and South, Seattle, Washington

				Polycyclic Aromatic Hydrocarbons											
			Analyte	Naphthalene	Naphthalene	Phenanthrene	Pyrene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Total cPAHs TEQ (ND = 1/2 RDL)
			Unit	mg/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
			MTCA Method A Cleanup Level	5	5000				100						100
Location	**Date**	**Sample**	**Sample Description**												
Maddux North															
UST #1 (NE Corner)	07/30/2020	B-UST-1	Base Sample	< 0.0468 U	--	--	--	< 42.2 U	< 42.2 U	< 42.2 U	< 42.2 U	< 42.2 U	< 42.2 U	< 42.2 U	< 31.861 U
	07/30/2020	ESW-UST-1	East Sidewall	< 0.0506 U	--	--	--	< 40.5 U	< 40.5 U	< 40.5 U	< 40.5 U	< 40.5 U	< 40.5 U	< 40.5 U	< 30.5775 U
	07/30/2020	NSW-UST-1	North Sidewall	< 0.0533 U	--	--	--	< 44.7 U	< 44.7 U	< 44.7 U	< 44.7 U	< 44.7 U	< 44.7 U	< 44.7 U	< 33.7485 U
	07/31/2020	ST-UST-1	Stockpile - Sand Bags	--	< 35.9 U	**40.7**	**75.5**	**42.3**	**36.7**	**44.4**	**38.4**	**40.9**	< 35.9 U	< 35.9 U	**53.209**
P54 Soil Cuttings	08/04/2020	P1-P54-ST	Stockpile	--	--	--	--	--	--	--	--	--	--	--	--
UST #2 (Near P9A)	09/09/2020	ST-UST-2	Contents of UST	--	< 64.8 U	**569**	**260**	**127**	< 64.8 U	**100**	**70.5**	**145**	< 64.8 U	< 64.8 U	**70.08**
	09/09/2020	ST-UST-3	Stockpile	--	< 42.2 U	< 42.2 U	**69.9**	**51.3**	< 42.2 U	< 42.2 U	< 42.2 U	**43.9**	< 42.2 U	< 42.2 U	**35.109**
Maddux South															
Soil segregated from the vicinity of P4	09/29/2020	SP-P4.5-64-S	Stockpile	--	--	--	--	--	--	--	--	--	--	--	--
Potentially impacted soil in stockpile	10/21/2020	SP-102120-S	Stockpile	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

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Gasoline-Range Hydrocarbons are screened against a tighter value when benzene is present in the sample.

mg/kg - milligrams per kilogram, ug/kg - microgram per kilogram

UST - underground storage tank

Table 2. Summary of Stockpile and UST Soil Sampling Results

Project No. 160324, Maddux North and South, Seattle, Washington

				Polychlorinated Biphenals									
			Analyte	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs (Sum of Aroclors)
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			MTCA Method A Cleanup Level										1
Location	**Date**	**Sample**	**Sample Description**										
Maddux North													
UST #1 (NE Corner)	07/30/2020	B-UST-1	Base Sample	< 0.105 U	< 0.105 U	< 0.105 U	< 0.105 U	< 0.105 U	< 0.105 U	< 0.105 U	< 0.105 U	< 0.105 U	< 0.105 U
	07/30/2020	ESW-UST-1	East Sidewall	< 0.103 U	< 0.103 U	< 0.103 U	< 0.103 U	< 0.103 U	< 0.103 U	< 0.103 U	< 0.103 U	< 0.103 U	< 0.103 U
	07/30/2020	NSW-UST-1	North Sidewall	< 0.106 U	< 0.106 U	< 0.106 U	< 0.106 U	< 0.106 U	< 0.106 U	< 0.106 U	< 0.106 U	< 0.106 U	< 0.106 U
	07/31/2020	ST-UST-1	Stockpile - Sand Bags	< 0.0986 U	< 0.0986 U	< 0.0986 U	< 0.0986 U	< 0.0986 U	< 0.0986 U	< 0.0986 U	< 0.0986 U	< 0.0986 U	< 0.0986 U
P54 Soil Cuttings	08/04/2020	P1-P54-ST	Stockpile	--	--	--	--	--	--	--	--	--	--
UST #2 (Near P9A)	09/09/2020	ST-UST-2	Contents of UST	--	--	--	--	--	--	--	--	--	--
	09/09/2020	ST-UST-3	Stockpile	--	--	--	--	--	--	--	--	--	--
Maddux South													
Soil segregated from the vicinity of P4	09/29/2020	SP-P4.5-64-S	Stockpile	--	--	--	--	--	--	--	--	--	--
Potentially impacted soil in stockpile	10/21/2020	SP-102120-S	Stockpile	--	--	--	--	--	--	--	--	--	--

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Table 2. Summary of Stockpile and UST Soil Sampling Results

Project No. 160324, Maddux North and South, Seattle, Washington

				Total Petroleum Hydrocarbons				Chlorinated Solvents							
			Analyte	Gasoline-Range Organics	Diesel-Range Organics	Motor Oil-Range Organics	Diesel and Oil Extended-Range Organics	1,1-Dichloroethene	cis-1,2-Dichloroethene (cDCE)	m,p-Xylenes	o-Xylene	Tetrachloroethene (PCE)	trans-1,2-Dichloroethene	Trichloroethene (TCE)	Vinyl Chloride
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			MTCA Method A Cleanup Level	30	2000	2000	2000					0.05		0.03	
Location	**Date**	**Sample**	**Sample Description**												
Maddux North															
UST #1 (NE Corner)	07/30/2020	B-UST-1	Base Sample	--	< 20.5 U	< 51.2 U	< 51.2 U	< 0.0187 U	< 0.0187 U	< 0.0468 U	< 0.0234 U	**0.606**	< 0.0187 U	< 0.0187 U	< 0.0234 U
	07/30/2020	ESW-UST-1	East Sidewall	--	< 19.9 U	< 49.9 U	< 49.9 U	< 0.0202 U	< 0.0202 U	< 0.0506 U	< 0.0253 U	**0.189**	< 0.0202 U	< 0.0202 U	< 0.0253 U
	07/30/2020	NSW-UST-1	North Sidewall	--	< 21.8 U	< 54.5 U	< 54.5 U	< 0.0213 U	< 0.0213 U	< 0.0533 U	< 0.0267 U	**2.24 E**	< 0.0213 U	< 0.0213 U	< 0.0267 U
	07/31/2020	ST-UST-1	Stockpile - Sand Bags	< 4.13 U	**617**	< 45.4 U	**617**	< 0.0165 U	< 0.0165 U	< 0.0413 U	< 0.0206 U	**0.206**	< 0.0165 U	< 0.0165 U	< 0.0206 U
P54 Soil Cuttings	08/04/2020	P1-P54-ST	Stockpile	< 5.97 U	< 23.7 U	**151**	**151**	--	--	--	--	--	--	--	--
UST #2 (Near P9A)	09/09/2020	ST-UST-2	Contents of UST	**250 XJ**	**6130**	**1100**	**7230**	< 2.17 U	< 2.17 U	**0.918 J**	< 2.71 U	**0.531 J**	< 2.17 U	< 2.17 U	< 2.17 U
	09/09/2020	ST-UST-3	Stockpile	< 43.7 U	< 21.5 U	**99.9**	**99.9**	< 1.13 U	< 1.13 U	< 2.84 U	< 1.42 U	**0.366 J**	< 1.13 U	< 1.13 U	< 1.13 U
Maddux South															
Soil segregated from the vicinity of P4	09/29/2020	SP-P4.5-64-S	Stockpile	**7.30**	< 21.5 U	< 53.7 U	< 53.7 U	--	--	**0.574**	**0.232**	--	--	--	--
Potentially impacted soil in stockpile	10/21/2020	SP-102120-S	Stockpile	< 5.51 U	< 19.4 U	< 48.5 U	< 48.5 U	< 0.0220 U	< 0.0220 U	< 0.0551 U	< 0.0275 U	< 0.0220 U	< 0.0220 U	< 0.0220 U	< 0.0220 U

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Table 3. Maddux North: Summary of Base Confirmation Soil Sampling Results

Project No. 160324, Maddux North and South, Seattle, Washington

				Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cDCE)	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
				Site-Specific Cleanup Level	0.05	0.03	--	--	--	--
Location	**Geologic Unit**	**Date**	**Sample Name**	**Elevation**						
P23-P12	Pre-Fraser	10/22/2020	B-P23-P12-57-N	57	< 0.0278 U	< 0.0278 U	< 0.0278 U	< 0.0278 U	< 0.0278 U	< 0.0278 U
P23-P14	Pre-Fraser	10/19/2020	B-P23-P14-60-N	60	***0.808***	**0.0268**	**0.0344**	< 0.0201 U	< 0.0201 U	< 0.0201 U
	Pre-Fraser	10/22/2020	B-P23-P14-57-N	57	< 0.0256 U	< 0.0256 U	**0.378**	< 0.0256 U	< 0.0256 U	< 0.0256 U
P16-P23	Weathered Pre-Fraser	10/14/2020	B-P23-P16-60-N	60	***1.92***	***0.802***	**1.62**	< 0.0251 U	< 0.0251 U	< 0.0251 U
	Pre-Fraser	10/22/2020	B-P23-P16-57-N	57	< 0.0195 U	< 0.0195 U	< 0.0195 U	< 0.0195 U	< 0.0195 U	< 0.0195 U
P18-P23	Recessional	09/03/2020	DW-P23.5-P18.5-67-N	67	***33.0***	*< 1.35 U*	< 1.35 U	< 1.35 U	< 1.35 U	< 1.35 U
	Pre-Fraser	10/5/2020	B-P23-P18-60-N	60	< 0.0258 U	< 0.0258 U	< 0.0258 U	< 0.0258 U	< 0.0258 U	< 0.0258 U
P20-P23	Pre-Fraser	10/5/2020	B-P23-P20-59-N	59	< 0.0203 U	< 0.0203 U	< 0.0203 U	< 0.0203 U	< 0.0203 U	< 0.0203 U
P22-P23	Pre-Fraser	10/5/2020	B-P23-P22-60-N	60	< 0.0235 U	< 0.0235 U	< 0.0235 U	< 0.0235 U	< 0.0235 U	< 0.0235 U
P21-P24	Pre-Fraser	10/8/2020	B-P24.5-P21-57-N	57	< 0.0323 U	< 0.0161 U	< 0.0323 U	< 0.0323 U	< 0.0323 U	< 0.0323 U
P18-P24	Recessional	9/3/2020	DW-P24-P18.5-76-N	76	***3.09***	< 1.41 U	< 1.41 U	< 1.41 U	< 1.41 U	< 1.41 U
	Recessional	9/2/2020	DW-P24-P18.5-67-N	67	***21.2***	< 1.16 U	< 1.16 U	< 1.16 U	< 1.16 U	< 1.16 U
	Recessional	09/03/2020	DW-P24.5-P18-63-N	63	*< 1.12 U*	*< 1.12 U*	< 1.12 U	< 1.12 U	< 1.12 U	< 1.12 U
P19-P24	Recessional	9/2/2020	DW-P24-P19-76-N	76	***15.9***	< 1.26 U	< 1.26 U	< 1.26 U	< 1.26 U	< 1.26 U
P20-P24	Recessional	9/2/2020	DW-P24-P20.5-73-N	73	***7.35***	< 1.30 U	< 1.30 U	< 1.30 U	< 1.30 U	< 1.30 U
	Recessional	9/2/2020	DW-P24-P20.5-76-N	76	< 0.893 U	< 0.893 U	< 0.893 U	< 0.893 U	< 0.893 U	< 0.893 U
	Pre-Fraser	9/2/2020	DW-P24-P20-69-N	69	< 1.21 U	< 1.21 U	< 1.21 U	< 1.21 U	< 1.21 U	< 1.21 U
P10A-P25	Pre-Fraser	10/27/2020	B-P25-P10A-60-N	60	< 0.0210 U	< 0.0210 U	< 0.0210 U	< 0.0210 U	< 0.0210 U	< 0.0210 U
P12-P25	Pre-Fraser	10/22/2020	B-P25-P12-60-N	60	***0.172***	< 0.0223 U	< 0.0223 U	< 0.0223 U	< 0.0223 U	< 0.0223 U
	Pre-Fraser	10/27/2020	B-P25-P12-57-N	57	< 0.0247 U	< 0.0247 U	< 0.0247 U	< 0.0247 U	< 0.0247 U	< 0.0247 U
P14-P25	Pre-Fraser	10/16/2020	B-P25-P14-58-N	58	< 0.0252 U	< 0.0252 U	**2.82**	< 0.0252 U	< 0.0252 U	< 0.0252 U
P16-P25	Pre-Fraser	10/16/2020	B-P25-P16-59-N	59	< 0.0237 U	< 0.0237 U	< 0.0237 U	< 0.0237 U	< 0.0237 U	< 0.0237 U
P17-P25	Recessional	09/03/2020	DW-P25-P17-63-N	63	***1.45***	*< 1.06 U*	< 1.06 U	< 1.06 U	< 1.06 U	< 1.06 U
P18-P25	Pre-Fraser	10/12/2020	B-P25-P18-56-N	56	< 0.0201 U	< 0.0201 U	< 0.0201 U	< 0.0201 U	< 0.0201 U	< 0.0201 U
P19-P25	Pre-Fraser	09/03/2020	DW-P25-P19-63-N	63	*< 1.19 U*	*< 1.19 U*	< 1.19 U	< 1.19 U	< 1.19 U	< 1.19 U
P20-P25	Pre-Fraser	10/5/2020	B-P25-P20-60-N	60	< 0.0198 U	< 0.0198 U	< 0.0198 U	< 0.0198 U	< 0.0198 U	< 0.0198 U
P22-P25	Pre-Fraser	10/6/2020	B-P25-P22-60-N	60	< 0.0238 U	< 0.0238 U	< 0.0238 U	< 0.0238 U	< 0.0238 U	< 0.0238 U
P17-P26	Recessional	09/03/2020	DW-P26-P17-63-N	63	*< 1.47 U*	*< 1.47 U*	< 1.47 U	< 1.47 U	< 1.47 U	< 1.47 U
P18-P26	Pre-Fraser	09/03/2020	DW-P26-P18-60-N	60	< 0.0295 U	< 0.0295 U	< 0.0295 U	< 0.0295 U	< 0.0295 U	< 0.0295 U
P49-P26	Recessional	11/2/2020	B-P26-P49-60-N	60	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
P12-P27	Recessional	10/20/2020	B-P27-P12-60-N	60	***0.445***	< 0.0229 U	**0.031**	< 0.0229 U	< 0.0229 U	< 0.0229 U
	Pre-Fraser	10/27/2020	B-P27-P12-57-N	57	< 0.0231 U	< 0.0231 U	< 0.0231 U	< 0.0231 U	< 0.0231 U	< 0.0231 U
P14-P27	Weathered Pre-Fraser	10/19/2020	B-P27-P14-60-N	60	***6.13 E***	***0.921***	**1.1**	< 0.0234 U	< 0.0234 U	**0.0316**
	Weathered Pre-Fraser	10/22/2020	B-P27-P14-54-N	54	***0.727***	***0.191***	**0.79**	< 0.0266 U	< 0.0266 U	< 0.0266 U
	Weathered Pre-Fraser	10/22/2020	B-P27-P14-57-N	57	***0.981***	***0.0596***	**0.0535**	< 0.0204 U	< 0.0204 U	< 0.0204 U
	Pre-Fraser	10/26/2020	B-P27-P14-52-N	52	< 0.0219 U	< 0.0219 U	**0.387**	< 0.0219 U	< 0.0219 U	< 0.0219 U
P16-P27	Weathered Pre-Fraser	10/19/2020	B-P27-P16-60-N	60	***6.59 E***	***0.746***	**0.268**	< 0.0230 U	< 0.0230 U	< 0.0230 U
	Weathered Pre-Fraser	10/22/2020	B-P27-P16-54-N	54	***2.88 E***	***0.0884***	**0.0356**	< 0.0267 U	< 0.0267 U	< 0.0267 U
	Weathered Pre-Fraser	10/22/2020	B-P27-P16-57-N	57	***7.04 E***	***0.239***	**0.0801**	< 0.0242 U	< 0.0242 U	< 0.0242 U
	Pre-Fraser	10/26/2020	B-P27-P16-52-N	52	< 0.0233 U	< 0.0233 U	< 0.0233 U	< 0.0233 U	< 0.0233 U	< 0.0233 U

Table 3. Maddux North: Summary of Base Confirmation Soil Sampling Results

Project No. 160324, Maddux North and South, Seattle, Washington

				Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cDCE)	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
				Site-Specific Cleanup Level	0.05	0.03	--	--	--	--
Location	**Geologic Unit**	**Date**	**Sample Name**	**Elevation**						
P18-P27	Recessional	9/3/2020	DW-P27-P18-63-N	63	***8.38***	< 1.21 U	< 1.21 U	< 1.21 U	< 1.21 U	< 1.21 U
	Recessional	10/5/2020	B-P27-P18-60-N	60	**0.0216**	< 0.0190 U	< 0.0190 U	< 0.0190 U	< 0.0190 U	< 0.0190 U
P20-P27	Pre-Fraser	10/5/2020	B-P27-P20-60-N	60	< 0.0241 U	< 0.0241 U	< 0.0241 U	< 0.0241 U	< 0.0241 U	< 0.0241 U
P22-P27	Pre-Fraser	10/5/2020	B-P27-P22-60-N	60	< 0.0217 U	< 0.0217 U	< 0.0217 U	< 0.0217 U	< 0.0217 U	< 0.0217 U
P22-P28	Pre-Fraser	10/8/2020	B-P28-P22-55-N	55	< 0.0252 U	< 0.0252 U	< 0.0252 U	< 0.0252 U	< 0.0252 U	< 0.0252 U
P49-P28	Recessional	11/2/2020	B-28-P49-60-N	60	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
P12-P29	Weathered Pre-Fraser	10/20/2020	B-P29-P12-60-N	60	***3.07***	***0.325***	**0.288**	< 0.0241 U	< 0.0241 U	< 0.0241 U
	Weathered Pre-Fraser	10/27/2020	B-P29-P12-57-N	57	***2.83 E***	***0.197***	**0.105**	< 0.0229 U	< 0.0229 U	< 0.0229 U
	Weathered Pre-Fraser	10/28/2020	B-P29-P12-54-N	54	***3.41***	***0.237***	**0.147**	< 0.0244 U	< 0.0244 U	< 0.0244 U
	Pre-Fraser	10/28/2020	B-P29-P12-52-N	52	< 0.0233 U	< 0.0233 U	< 0.0233 U	< 0.0233 U	< 0.0233 U	< 0.0233 U
P14-P29	Weathered Pre-Fraser	10/19/2020	B-P29-P14-60-N	60	**0.0489**	**0.0226**	**1.33**	< 0.0248 U	< 0.0248 U	< 0.0248 U
P16-P29	Pre-Fraser	10/12/2020	B-P29-P16-60-N	60	***3.32***	***0.0365***	< 0.0206 U	< 0.0206 U	< 0.0206 U	< 0.0206 U
	Pre-Fraser	10/21/2020	B-P29-P16-57-N	57	< 0.0153 U	< 0.0153 U	< 0.0153 U	< 0.0153 U	< 0.0153 U	< 0.0153 U
P18-P29	Pre-Fraser	10/12/2020	B-P29-P18-60-N	60	**0.0277**	< 0.0260 U	< 0.0260 U	< 0.0260 U	< 0.0260 U	< 0.0260 U
P20-P29	Pre-Fraser	10/5/2020	B-P29-P20-60-N	60	< 0.0255 U	< 0.0255 U	< 0.0255 U	< 0.0255 U	< 0.0255 U	< 0.0255 U
P22-P29	Pre-Fraser	10/8/2020	B-P29-P22-55-N	55	< 0.0255 U	< 0.0255 U	< 0.0255 U	< 0.0255 U	< 0.0255 U	< 0.0255 U
P49-P30	Recessional	11/2/2020	B-P30-P49-60-N	60	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Weathered Pre-Fraser	11/4/2020	B-P30-P49-57-N	57	***0.13***	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Weathered Pre-Fraser	11/4/2020	B-P30-P49-54-N	54	***5.8***	***0.27***	**0.13**	--	--	< 0.02 U
	Weathered Pre-Fraser	11/4/2020	B-P30-P49-51-N	51	***0.12***	< 0.02 U	**0.17**	--	--	< 0.02 U
	Pre-Fraser	11/4/2020	B-P30-P49-48-N	48	< 0.03 U	< 0.02 U	**0.12**	--	--	< 0.02 U
P51-P30	Weathered Pre-Fraser	11/4/2020	B-P30-P51-60-N	60	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Weathered Pre-Fraser	11/4/2020	B-P30-P51-57-N	57	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Weathered Pre-Fraser	11/4/2020	B-P30-P51-54-N	54	***0.2***	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Weathered Pre-Fraser	11/4/2020	B-P30-P51-51-N	51	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
P35-P31	Pre-Fraser	10/8/2020	B-P31-P35-60-N	60	< 0.0216 U	< 0.0216 U	< 0.0216 U	< 0.0216 U	< 0.0216 U	< 0.0216 U
P37-P31	Pre-Fraser	10/12/2020	B-P31-P37-60-N	60	< 0.0219 U	< 0.0219 U	< 0.0219 U	< 0.0219 U	< 0.0219 U	< 0.0219 U
P39-P31	Pre-Fraser	10/12/2020	B-P31-P39-60-N	60	< 0.0305 U	< 0.0152 U	< 0.0305 U	< 0.0305 U	< 0.0305 U	< 0.0305 U
P41-P31	Pre-Fraser	10/12/2020	B-P31-P41-60-N	60	***1.3***	***0.0304***	**0.0277**	< 0.0249 U	< 0.0249 U	< 0.0249 U
	Pre-Fraser	10/20/2020	B-P31-P41-57-N	57	< 0.0213 U	< 0.0213 U	< 0.0213 U	< 0.0213 U	< 0.0213 U	< 0.0213 U
P43-P31	Pre-Fraser	10/20/2020	B-P31-P43-60-N	60	***8.52 E***	***0.613***	**0.463**	< 0.0251 U	< 0.0251 U	< 0.0251 U
	Pre-Fraser	10/22/2020	B-P31-P43-57-N	57	< 0.0269 U	< 0.0269 U	< 0.0269 U	< 0.0269 U	< 0.0269 U	< 0.0269 U
P45-P31	Pre-Fraser	10/20/2020	B-P31-P45-60-N	60	***12.8 E***	***0.76***	**0.591**	< 0.0219 U	< 0.0219 U	< 0.0219 U
	Pre-Fraser	10/27/2020	B-P31-P45-57-N	57	***2.74 E***	***0.133***	**0.263**	< 0.0233 U	< 0.0233 U	< 0.0233 U
	Pre-Fraser	10/28/2020	B-P31-P45-54-N	54	< 0.0281 U	< 0.0281 U	**2.17**	< 0.0281 U	< 0.0281 U	< 0.0281 U
	Pre-Fraser	10/28/2020	B-P31-P45-52-N	52	***4.03***	***0.161***	**0.0759**	< 0.0226 U	< 0.0226 U	< 0.0226 U
	Pre-Fraser	11/3/2020	B-P31-P45-50-N	50	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Pre-Fraser	11/3/2020	B-P31-P45-48-N	48	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U

Table 3. Maddux North: Summary of Base Confirmation Soil Sampling Results

Project No. 160324, Maddux North and South, Seattle, Washington

				Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cDCE)	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
				Site-Specific Cleanup Level	0.05	0.03	--	--	--	--
Location	**Geologic Unit**	**Date**	**Sample Name**	**Elevation**						
P47-P29	Recessional	10/29/2020	B-P29-P10B-60-N	60	***5.42***	***0.331***	**0.152**	< 0.0233 U	< 0.0233 U	< 0.0233 U
	Recessional	10/29/2020	B-P29-P10B-57-N	57	***3.17***	***0.147***	**0.12**	< 0.0155 U	< 0.0155 U	< 0.0155 U
	Weathered Pre-Fraser	11/3/2020	B-P29-P47-54-N	54	***8.9***	***0.35***	**0.12**	--	--	< 0.02 U
	Pre-Fraser	11/3/2020	B-P29-P47-51-N	51	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
P47-P27	Recessional	10/27/2020	B-P27-P10A-60-N	60	***0.27***	< 0.0220 U	< 0.0220 U	< 0.0220 U	< 0.0220 U	< 0.0220 U
	Pre-Fraser	10/29/2020	B-P27-P10B-57-N	57	***12.9***	***0.903***	**0.283**	< 0.0218 U	< 0.0218 U	< 0.0218 U
	Recessional	11/3/2020	B-P27-P47-54-N	54	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
P47-P31	Weathered Pre-Fraser	10/20/2020	B-P31-P47-60-N	60	***0.373***	**0.0248**	**0.0247**	< 0.0202 U	< 0.0202 U	< 0.0202 U
	Weathered Pre-Fraser	10/29/2020	B-P31-P47-57-N	57	***1.32***	***0.0564***	**0.07**	< 0.0241 U	< 0.0241 U	< 0.0241 U
	Weathered Pre-Fraser	11/3/2020	B-P31-P47-54-N	54	***1.05***	***0.055***	**0.17**	--	--	< 0.02 U
	Weathered Pre-Fraser	11/3/2020	B-P31-P47-51-N	51	***0.66***	***0.043***	**0.067**	--	--	< 0.02 U
	Pre-Fraser	11/3/2020	B-P31-P47-48-N	48	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
P49-P32	Recessional	11/2/2020	B-P32-P49-60-N	60	***0.071***	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Recessional	11/3/2020	B-P32-P49-57-N	57	**0.03**	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Weathered Pre-Fraser	11/3/2020	B-P32-P49-54-N	54	***0.39***	**0.023**	< 0.03 U	--	--	< 0.02 U
	Weathered Pre-Fraser	11/3/2020	B-P32-P49-51-N	51	***1.02***	***0.073***	**0.18**	--	--	< 0.02 U
	Pre-Fraser	11/3/2020	B-P32-P49-48-N	48	< 0.03 U	< 0.02 U	**0.33**	--	--	< 0.02 U
P51-P32	Recessional	11/3/2020	B-P32-P51-60-N	60	***0.066***	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Recessional	11/4/2020	B-P32-P51-57-N	57	***0.079***	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Recessional	11/4/2020	B-P32-P51-54-N	54	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
P53-P32	Recessional	11/4/2020	B-P32-P53-60-N	60	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Recessional	11/4/2020	B-P32-P53-57-N	57	***0.072***	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Recessional	11/4/2020	B-P32-P53-54-N	54	***0.36***	**0.022**	< 0.03 U	--	--	< 0.02 U
	Recessional	11/4/2020	B-P32-P53-51-N	51	***0.29***	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Weathered Pre-Fraser	11/4/2020	B-P32-P53-48-N	48	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
P1-P32	Fill	11/05/2020	B-P32-P1-60-N	60	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Fill	11/05/2020	B-P32-P1-57.5-N	57.5	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U

Table 3. Maddux North: Summary of Base Confirmation Soil Sampling Results

Project No. 160324, Maddux North and South, Seattle, Washington

				Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cDCE)	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
				Site-Specific Cleanup Level	0.05	0.03	--	--	--	--
Location	**Geologic Unit**	**Date**	**Sample Name**	**Elevation**						
P35-P33	Pre-Fraser	10/8/2020	B-P33-P35-60-N	60	< 0.0207 U	< 0.0207 U	< 0.0207 U	< 0.0207 U	< 0.0207 U	< 0.0207 U
P37-P33	Pre-Fraser	10/9/2020	B-P33-P37-60-N	60	< 0.0227 U	< 0.0227 U	< 0.0227 U	< 0.0227 U	< 0.0227 U	< 0.0227 U
P39-P33	Pre-Fraser	10/12/2020	B-P33-P39-60-N	60	< 0.0251 U	< 0.0251 U	< 0.0251 U	< 0.0251 U	< 0.0251 U	< 0.0251 U
P41-P33	Weathered Pre-Fraser	10/12/2020	B-P33-P41-60-N	60	***0.982***	< 0.0194 U	< 0.0194 U	< 0.0194 U	< 0.0194 U	< 0.0194 U
	Weathered Pre-Fraser	10/20/2020	B-P33-P41-57-N	57	***2.76 E***	***0.036***	< 0.0233 U	< 0.0233 U	< 0.0233 U	< 0.0233 U
	Pre-Fraser	10/26/2020	B-P33-P41-54-N	54	< 0.0199 U	< 0.0199 U	< 0.0199 U	< 0.0199 U	< 0.0199 U	< 0.0199 U
P43-P33	Pre-Fraser	10/16/2020	B-P33-P43-60-N	60	***0.34***	< 0.0236 U	< 0.0236 U	< 0.0236 U	< 0.0236 U	< 0.0236 U
	Pre-Fraser	10/21/2020	B-P33-P43-57-N	57	< 0.0126 U	< 0.0126 U	**0.153**	< 0.0126 U	< 0.0126 U	< 0.0126 U
P45-P33	Pre-Fraser	10/16/2020	B-P33-P45-60-N	60	< 0.0226 U	< 0.0226 U	< 0.0226 U	< 0.0226 U	< 0.0226 U	< 0.0226 U
P47-P33	Weathered Pre-Fraser	10/15/2020	B-P33-P47-58-N	58	***0.492***	< 0.0235 U	**0.0364**	< 0.0235 U	< 0.0235 U	< 0.0235 U
	Pre-Fraser	10/29/2020	B-P33-P47-57-N	57	***0.557***	***0.0595***	**0.529**	< 0.0204 U	< 0.0204 U	< 0.0204 U
	Pre-Fraser	11/3/2020	B-P33-P47-54-N	54	< 0.03 U	< 0.02 U	**0.78**	--	--	< 0.02 U
P35-P34	Pre-Fraser	10/8/2020	B-P34.25-P35-60-N	60	< 0.0229 U	< 0.0229 U	< 0.0229 U	< 0.0229 U	< 0.0229 U	< 0.0229 U
P37-P34	Pre-Fraser	10/8/2020	B-P34.25-P37-60-N	60	< 0.0197 U	< 0.0197 U	< 0.0197 U	< 0.0197 U	< 0.0197 U	< 0.0197 U
P39-P34	Pre-Fraser	10/8/2020	B-P34.25-P39-60-N	60	< 0.0223 U	< 0.0223 U	< 0.0223 U	< 0.0223 U	< 0.0223 U	< 0.0223 U
P41-P34	Pre-Fraser	10/9/2020	B-P34.25-P41-56-N	56	< 0.0179 U	< 0.0179 U	< 0.0179 U	< 0.0179 U	< 0.0179 U	< 0.0179 U
P43-P34	Pre-Fraser	10/9/2020	B-P34.25-P43-56-N	56	< 0.0161 U	< 0.0161 U	< 0.0161 U	< 0.0161 U	< 0.0161 U	< 0.0161 U
P45-P34	Pre-Fraser	10/14/2020	B-P34.25-P45-57-N	57	< 0.0212 U	< 0.0212 U	< 0.0212 U	< 0.0212 U	< 0.0212 U	< 0.0212 U
P47-P34	Recessional	10/15/2020	B-P34.25-P47-60-N	60	***0.775***	***0.0412***	**0.0348**	< 0.0179 U	< 0.0179 U	< 0.0179 U
	Pre-Fraser	10/29/2020	B-P34.25-P47-57-N	57	***1.09***	***0.0899***	**0.563**	< 0.0271 U	< 0.0271 U	< 0.0271 U
	Pre-Fraser	11/5/2020	B-P34.25-P47-56-N	56	<0.03	<0.02	**0.081**	--	--	< 0.02 U
P49-P34	Recessional	10/15/2020	B-P34-P49-60-N	60	***0.129***	< 0.0228 U	< 0.0228 U	< 0.0228 U	< 0.0228 U	< 0.0228 U
	Pre-Fraser	11/4/2020	B-P34.25-P49-56-N	56	***0.18***	< 0.02 U	< 0.03 U	--	--	< 0.02 U
P51-P34	Recessional	10/15/2020	B-P34-P51-60-N	60	< 0.0217 U	< 0.0217 U	< 0.0217 U	< 0.0217 U	< 0.0217 U	< 0.0217 U
	Recessional	11/5/2020	B-P34.25-P51-56-N	56	***0.14***	< 0.02 U	< 0.03 U	--	--	< 0.02 U
P53-P34	Recessional	11/5/2020	B-P34.25-P53-56-N	56	***0.064***	< 0.02 U	< 0.03 U	--	--	< 0.02 U

Notes:

Bold - detected

Bold, Italics, and Underlined - Detected result exceeded Site-specific cleanup level.

Gray shading - This sample location and elevation was overexcavated and has been removed.

Blue Shading - Detected result above Site-specific cleanup levels.

U - Analyte not detected at or above Reporting Limit (RL) shown.

E - Result exceeded calibration range. Result usable for qualitative analysis of analyte presence, but numeric value should not be included in quantitate analysis.

"--" - indicates results not available.

mg/kg - milligrams per kilogram

Table 4. Maddux North: Summary of Sidewall Performance Soil Sampling Results

Project No. 160324, Maddux North and South, Seattle, Washington

			Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cDCE)	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Site-Specific Cleanup Levels	0.05	0.03				0.02
Sidewall Pile Location	Geologic Unit	Date	Sample Name	Elevation					
P10B	Recessional	10/12/2020	SW-P10B-66-N	66	< 0.0208 U	< 0.0208 U	< 0.0208 U	< 0.0208 U	< 0.0208 U	< 0.0208 U
P12	Recessional	9/10/2020	SW-P12-72-N	72	< 0.0245 U	< 0.0245 U	< 0.0245 U	< 0.0245 U	< 0.0245 U	< 0.0245 U
	Recessional	9/14/2020	SW-P12-67-N	67	< 0.0214 U	< 0.0214 U	< 0.0214 U	< 0.0214 U	< 0.0214 U	< 0.0214 U
	Pre-Fraser	10/9/2020	SW-P12-62-N	62	< 0.0213 U	< 0.0213 U	< 0.0213 U	< 0.0213 U	< 0.0213 U	< 0.0213 U
P14	Recessional	9/10/2020	SW-P14-72-N	72	**0.39**	**0.0538**	**0.113**	< 0.0243 U	< 0.0243 U	< 0.0243 U
	Recessional	9/14/2020	SW-P14-67-N	67	< 0.0247 U	< 0.0247 U	< 0.0247 U	< 0.0247 U	< 0.0247 U	< 0.0247 U
	Pre-Fraser	10/9/2020	SW-P14-62-N	62	< 0.0188 U	< 0.0188 U	< 0.0188 U	< 0.0188 U	< 0.0188 U	< 0.0188 U
P16	Fill	9/9/2020	SW-P16-77-N	77	**0.0933**	< 0.0204 U	< 0.0204 U	< 0.0204 U	< 0.0204 U	< 0.0204 U
	Recessional	9/14/2020	SW-P16-72-N	72	**1.27**	**0.0915**	**0.0804**	< 0.0218 U	< 0.0218 U	< 0.0218 U
	Recessional	10/5/2020	SW-P16-67-N	67	**17.2**	**1.72**	**1.82**	< 0.0198 U	< 0.0198 U	**0.179**
	Weathered Pre-Fraser	10/9/2020	SW-P16-62-N	62	**1.88**	**0.251**	**0.226**	< 0.0241 U	< 0.0241 U	< 0.0241 U
	Weathered Pre-Fraser	10/14/2020	SW-P16-59-N	59	**0.495**	**0.379**	**1.7**	< 0.0233 U	< 0.0233 U	**0.036**
P17.5	Fill	9/9/2020	SW-P23-P17.5-77-N	77	< 1.05 U	< 1.05 U	< 1.05 U	< 1.05 U	< 1.05 U	< 1.05 U
	Fill	9/9/2020	SW-P17.5-77-N	77	< 1.03 U	< 1.03 U	< 1.03 U	< 1.03 U	< 1.03 U	< 1.03 U
P18	Fill	8/19/2020	SW-P18-82-N	82	< 0.0276 U	< 0.0276 U	< 0.0276 U	< 0.0276 U	< 0.0276 U	< 0.0276 U
	Fill	9/9/2020	SW-P18-77-N	77	**0.197**	< 0.0209 U	< 0.0209 U	< 0.0209 U	< 0.0209 U	< 0.0209 U
	Recessional	9/14/2020	SW-P18-72-N	72	**0.587**	< 0.0186 U	< 0.0186 U	< 0.0186 U	< 0.0186 U	< 0.0186 U
	Weathered Pre-Fraser	9/23/2020	SW-P18-67-N	67	**4.1**	< 0.0236 U	< 0.0236 U	< 0.0236 U	< 0.0236 U	< 0.0236 U
	Pre-Fraser	10/5/2020	SW-P18-62-N	62	< 0.0213 U	< 0.0213 U	< 0.0213 U	< 0.0213 U	< 0.0213 U	< 0.0213 U
P20	Fill	8/19/2020	SW-P20-86-N	86	< 0.0275 U	< 0.0275 U	< 0.0275 U	< 0.0275 U	< 0.0275 U	< 0.0275 U
	Fill	8/20/2020	SW-P20-82-N	82	< 0.0276 U	< 0.0276 U	< 0.0276 U	< 0.0276 U	< 0.0276 U	< 0.0276 U
	Recessional	9/9/2020	SW-P20-77-N	77	**1.05**	< 0.0221 U	< 0.0221 U	< 0.0221 U	< 0.0221 U	< 0.0221 U
	Recessional	9/11/2020	SW-P20-72-N	72	**0.565**	< 0.0226 U	< 0.0226 U	< 0.0226 U	< 0.0226 U	< 0.0226 U
	Weathered Pre-Fraser	9/22/2020	SW-P20-67-N	67	< 0.0207 U	< 0.0207 U	< 0.0207 U	< 0.0207 U	< 0.0207 U	< 0.0207 U
	Pre-Fraser	10/5/2020	SW-P20-62-N	62	< 0.0247 U	< 0.0247 U	< 0.0247 U	< 0.0247 U	< 0.0247 U	< 0.0247 U
P22	Fill	8/19/2020	SW-P22-87-N	87	**0.0794**	< 0.0295 U	< 0.0295 U	< 0.0295 U	< 0.0295 U	< 0.0295 U
	Fill	8/20/2020	SW-P22-82-N	82	**0.502**	< 0.0234 U	< 0.0234 U	< 0.0234 U	< 0.0234 U	< 0.0234 U
	Recessional	9/10/2020	SW-P22-72-N	72	< 0.0233 U	< 0.0233 U	< 0.0233 U	< 0.0233 U	< 0.0233 U	< 0.0233 U
	Pre-Fraser	9/22/2020	SW-P22-67-N	67	< 0.0212 U	< 0.0212 U	< 0.0212 U	< 0.0212 U	< 0.0212 U	< 0.0212 U
	Pre-Fraser	10/5/2020	SW-P22-62-N	62	< 0.0242 U	< 0.0242 U	< 0.0242 U	< 0.0242 U	< 0.0242 U	< 0.0242 U
P24	Fill	8/19/2020	SW-P24-86-N	86	**0.15**	< 0.0303 U	< 0.0303 U	< 0.0303 U	< 0.0303 U	< 0.0303 U
	Fill	8/20/2020	SW-P24-82-N	82	**1.98**	< 0.0254 U	< 0.0254 U	< 0.0254 U	< 0.0254 U	< 0.0254 U
	Recessional	9/9/2020	SW-P24-72-N	72	**0.619**	< 0.0197 U	< 0.0197 U	< 0.0197 U	< 0.0197 U	< 0.0197 U
	Pre-Fraser	9/22/2020	SW-P24-67-N	67	< 0.0229 U	< 0.0229 U	< 0.0229 U	< 0.0229 U	< 0.0229 U	< 0.0229 U
	Pre-Fraser	10/5/2020	SW-P24-62-N	62	< 0.0231 U	< 0.0231 U	< 0.0231 U	< 0.0231 U	< 0.0231 U	< 0.0231 U

Table 4. Maddux North: Summary of Sidewall Performance Soil Sampling Results

Project No. 160324, Maddux North and South, Seattle, Washington

				Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cDCE)	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
				Site-Specific Cleanup Levels	0.05	0.03				0.02
Sidewall Pile Location	Geologic Unit	Date	Sample Name	Elevation						
P26	Fill	8/24/2020	SW-P26-77-N	77	**0.231**	< 0.0200 U	< 0.0200 U	< 0.0200 U	< 0.0200 U	< 0.0200 U
	Recessional	9/9/2020	SW-P26-72-N	72	**13.2**	**0.443**	< 0.0193 U	< 0.0193 U	< 0.0193 U	< 0.0193 U
	Weathered Pre-Fraser	9/14/2020	SW-P26-67-N	67	**4.94**	< 1.11 U	< 1.11 U	< 1.11 U	< 1.11 U	< 1.11 U
	Pre-Fraser	10/5/2020	SW-P26-62-N	62	< 0.0245 U	< 0.0245 U	< 0.0245 U	< 0.0245 U	< 0.0245 U	< 0.0245 U
	Pre-Fraser	10/8/2020	SW-P26-57-N	57	< 0.0208 U	< 0.0208 U	< 0.0208 U	< 0.0208 U	< 0.0208 U	< 0.0208 U
P28	Fill	8/24/2020	SW-P28-77-N	77	**0.336**	**0.0233**	**0.0379**	< 0.0188 U	< 0.0188 U	< 0.0188 U
	Recessional	9/9/2020	SW-P28-72-N	72	**3.89**	**0.0784**	**0.0419**	< 0.0230 U	< 0.0230 U	< 0.0230 U
	Weathered Pre-Fraser	9/14/2020	SW-P28-67-N	67	**23.7**	< 1.16 U	< 1.16 U	< 1.16 U	< 1.16 U	< 1.16 U
	Weathered Pre-Fraser	9/22/2020	SW-P28-62-N	62	**0.519**	< 0.0234 U	< 0.0234 U	< 0.0234 U	< 0.0234 U	< 0.0234 U
	Pre-Fraser	10/5/2020	SW-P28-57-N	57	< 0.0195 U	< 0.0195 U	< 0.0195 U	< 0.0195 U	< 0.0195 U	< 0.0195 U
P30	Fill	8/24/2020	SW-P30-77-N	77	**0.386**	< 0.0224 U	< 0.0224 U	< 0.0224 U	< 0.0224 U	< 0.0224 U
	Weathered Pre-Fraser	9/10/2020	SW-P30-72-N	72	**7.36**	< 0.902 U	< 0.902 U	< 0.902 U	< 0.902 U	< 0.902 U
	Weathered Pre-Fraser	9/14/2020	SW-P30-67-N	67	**24.6**	< 0.910 U	< 0.910 U	< 0.910 U	< 0.910 U	< 0.910 U
	Weathered Pre-Fraser	9/22/2020	SW-P30-62-N	62	**0.178**	< 0.0232 U	< 0.0232 U	< 0.0232 U	< 0.0232 U	< 0.0232 U
	Pre-Fraser	10/8/2020	SW-P30-57-N	57	< 0.0222 U	< 0.0222 U	< 0.0222 U	< 0.0222 U	< 0.0222 U	< 0.0222 U
P32	Fill	8/24/2020	SW-P32-77-N	77	< 0.0224 U	< 0.0224 U	< 0.0224 U	< 0.0224 U	< 0.0224 U	< 0.0224 U
	Weathered Pre-Fraser	9/10/2020	SW-P32-72-N	72	**2.18**	< 0.978 U	< 0.978 U	< 0.978 U	< 0.978 U	< 0.978 U
	Weathered Pre-Fraser	9/14/2020	SW-P32-67-N	67	**1.53**	< 0.931 U	< 0.931 U	< 0.931 U	< 0.931 U	< 0.931 U
	Pre-Fraser	10/6/2020	SW-P32-62-N	62	< 0.0226 U	< 0.0226 U	< 0.0226 U	< 0.0226 U	< 0.0226 U	< 0.0226 U
	Pre-Fraser	10/9/2020	SW-P32-61-N	61	**0.0293**	< 0.0205 U	< 0.0205 U	< 0.0205 U	< 0.0205 U	< 0.0205 U
P34	Fill	8/24/2020	SW-P34-77-N	77	**0.0451**	< 0.0201 U	< 0.0201 U	< 0.0201 U	< 0.0201 U	< 0.0201 U
	Recessional	9/11/2020	SW-P34-72-N	72	**0.169**	< 0.0181 U	< 0.0181 U	< 0.0181 U	< 0.0181 U	< 0.0181 U
	Weathered Pre-Fraser	10/7/2020	SW-P34-62-N	62	**15.3**	**0.757**	**0.188**	< 0.0293 U	**0.0313**	< 0.0293 U
	Pre-Fraser	10/9/2020	SW-P34-61-N	61	< 0.0199 U	< 0.0199 U	< 0.0199 U	< 0.0199 U	< 0.0199 U	< 0.0199 U
P36	Fill	8/19/2020	SW-P36-76-N	76	**0.105**	< 0.0224 U	< 0.0224 U	< 0.0224 U	< 0.0224 U	< 0.0224 U
	Fill	8/24/2020	SW-P36-72-N	72	**0.112**	< 0.0183 U	< 0.0183 U	< 0.0183 U	< 0.0183 U	< 0.0183 U
	Recessional	9/23/2020	SW-P36-67-N	67	**4.43**	**0.0781**	**0.0472**	< 0.0211 U	< 0.0211 U	< 0.0211 U
	Weathered Pre-Fraser	10/6/2020	SW-P36-62-N	62	**29.2**	**0.451**	< 0.0218 U	< 0.0218 U	< 0.0218 U	< 0.0218 U
	Pre-Fraser	10/14/2020	SW-P36-58.5-N	58.5	**21.2**	**0.794**	< 0.0264 U	< 0.0264 U	**0.0398**	< 0.0264 U
P38	Fill	8/19/2020	SW-P38-75-N	75	< 0.0254 U	< 0.0254 U	< 0.0254 U	< 0.0254 U	< 0.0254 U	< 0.0254 U
	Fill	8/24/2020	SW-P38-72-N	72	**0.0618**	< 0.0242 U	< 0.0242 U	< 0.0242 U	< 0.0242 U	< 0.0242 U
	Recessional	9/23/2020	SW-P38-67-N	67	**0.688**	< 0.0194 U	< 0.0194 U	< 0.0194 U	< 0.0194 U	< 0.0194 U
	Weathered Pre-Fraser	10/6/2020	SW-P38-62-N	62	< 0.0277 U	< 0.0277 U	< 0.0277 U	< 0.0277 U	< 0.0277 U	< 0.0277 U
P40	Fill	8/19/2020	SW-P40-74-N	74	< 0.0232 U	< 0.0232 U	< 0.0232 U	< 0.0232 U	< 0.0232 U	< 0.0232 U
	Fill	8/24/2020	SW-P40-72-N	72	**0.115**	< 0.0228 U	< 0.0228 U	< 0.0228 U	< 0.0228 U	< 0.0228 U
	Recessional	9/23/2020	SW-P40-67-N	67	**0.04**	< 0.0213 U	< 0.0213 U	< 0.0213 U	< 0.0213 U	< 0.0213 U
	Weathered Pre-Fraser	10/6/2020	SW-P40-62-N	62	< 0.0212 U	< 0.0212 U	< 0.0212 U	< 0.0212 U	< 0.0212 U	< 0.0212 U

Table 4. Maddux North: Summary of Sidewall Performance Soil Sampling Results

Project No. 160324, Maddux North and South, Seattle, Washington

				Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cDCE)	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
				Site-Specific Cleanup Levels	0.05	0.03				0.02
Sidewall Pile Location	**Geologic Unit**	**Date**	**Sample Name**	**Elevation**						
P42	Fill	8/25/2020	SW-P42-67-N	67	**0.0396**	< 0.0184 U	< 0.0184 U	< 0.0184 U	< 0.0184 U	< 0.0184 U
	Recessional	10/7/2020	SW-P42-62-N	62	**0.783**	< 0.0201 U	< 0.0201 U	< 0.0201 U	< 0.0201 U	< 0.0201 U
	Pre-Fraser	10/9/2020	SW-P42-57-N	57	< 0.0179 U	< 0.0179 U	< 0.0179 U	< 0.0179 U	< 0.0179 U	< 0.0179 U
P44	Fill	8/25/2020	SW-P44-67-N	67	**2.03**	**0.089**	< 0.0175 U	< 0.0175 U	< 0.0175 U	< 0.0175 U
	Recessional	10/7/2020	SW-P44-62-N	62	**0.562**	< 0.0230 U	< 0.0230 U	< 0.0230 U	< 0.0230 U	< 0.0230 U
	Pre-Fraser	10/9/2020	SW-P44-57-N	57	**1.74**	< 0.0206 U	< 0.0206 U	< 0.0206 U	< 0.0206 U	< 0.0206 U
	Pre-Fraser	10/23/2020	SW-P44-55-N	55	< 0.0194 U	< 0.0194 U	< 0.0194 U	< 0.0194 U	< 0.0194 U	< 0.0194 U
P46	Fill	8/25/2020	SW-P46-67-N	67	**0.267**	**0.0299**	< 0.0206 U	< 0.0206 U	< 0.0206 U	< 0.0206 U
	Recessional	10/9/2020	SW-P46-62-N	62	**0.947**	**0.0156**	< 0.0127 U	< 0.0127 U	< 0.0127 U	< 0.0127 U
P48	Fill	9/23/2020	SW-P48-67-N	67	**0.0287**	< 0.0210 U	< 0.0210 U	< 0.0210 U	< 0.0210 U	< 0.0210 U
	Recessional	10/14/2020	SW-P48-62-N	62	**0.0616**	< 0.0263 U	< 0.0263 U	< 0.0263 U	< 0.0263 U	< 0.0263 U
P50	Fill	9/23/2020	SW-P50-67-N	67	< 0.0255 U	< 0.0255 U	< 0.0255 U	< 0.0255 U	< 0.0255 U	< 0.0255 U
	Recessional	10/14/2020	SW-P50-62-N	62	**0.392**	< 0.0270 U	< 0.0270 U	< 0.0270 U	< 0.0270 U	< 0.0270 U
P52	Fill	10/14/2020	SW-P52-62-N	62	< 0.0254 U	< 0.0254 U	< 0.0254 U	< 0.0254 U	< 0.0254 U	< 0.0254 U
P53	Fill	10/14/2020	SW-P53-62-N	62	< 0.0210 U	< 0.0210 U	< 0.0210 U	< 0.0210 U	< 0.0210 U	< 0.0210 U

Notes:

Bold - detected

Blue Shaded - Detected result exceeded screening level.

Yellow Shaded - Multiple samples were submitted for analysis. Result reported is largest detection, or lowest nondetection.

U - Analyte not detected at or above Reporting Limit (RL) shown.

J - Result value estimated

mg/kg - milligrams per kilogram

Table 5. Maddux North: Summary of Dewatering Influent and Effluent Analytical Samples

Project 160324, Maddux North and South, Seattle, Washington

Parameter	Amended Agreed Order Indicator Level	Units	Influent Samples to Treatment Train			Effluent Samples - Representative of Water Discharged to Sewer						
			Week of 10/2/20	Week of 12/09/20	Week of 3/17/21	Week of 11/8/20	Week of 11/15/20	Week of 11/22/20	Week of 11/29/20	Week of 12/06/20	Week of 1/24/21	Week of 2/1/21
Sample ID			INF-100220-N	INF-120920-N	INF-031721-N	EFF-111320-N	EFF-111820-N	EFF-112320-N	EFF-120120-N	EFF-120820-N	EFF-012521-N	EFF-020121
Diesel and Oil-range Petroleum Hydrocarbons[(a)]	250	µg/L	**592**	**389**	< 98.2 U	< 99.2 U	< 99.5 U	< 99.6 U	< 98.7 U	< 98.9 U	< 99.3 U	< 99.3 U
Gasoline-range Petroleum Hydrocarbons	250	µg/L	< 50 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
BTEX[(b)]	2.0	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Total Arsenic	69	µg/L	6.79	11.0	3.80	4.43	2.85	3.96	5.42	5.53	7.57	4.32
Total Barium	1,000	µg/L	73.2	23.6	22.5	31.6	29.2	25.3	43.9	54.4	68.9	34.6
Tetrachloroethene	12.3	µg/L	**200 E**	< 1.00 U	12.3	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2,4 Trimethylbenzene	1.0	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,3,5 Trimethylbenzene	1.0	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Isopropylbenzene	1.0	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
n-Butylbenzene	1.0	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
n-Propylbenzene	1.0	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
sec-Butylbenzene	1.0	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1 Dichloroethene	2.0	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Trichloroethene	5.7	µg/L	2.29	< 0.500 U	0.795	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U
cis-1,2 Dichloroethene	4.8	µg/L	1.33	< 1.00 U	**13.7**	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Vinyl Chloride	2.0	µg/L	< 0.200 U	< 0.200 U	< 0.200 U	< 0.200 U	< 0.200 U	< 0.200 U	< 0.200 U	< 0.200 U	< 0.200 U	< 0.200 U
Turbidity	25	NTU	**647**	21	13.1	0.60	2.66	0.90	0.48	0.66	1.25	5.12
pH	6.5 to 8.5	S.U.	6.65	8.38	7.94	7.50	7.51	7.70	7.76	7.79	7.33	7.77

Notes:

(a) - Sum of Diesel Range Organics and Heavy Oil

(b) - Benzene, toluene, ethylbenzene, and total xylenes. Each was not detected at a concentration < 1.00 µg/L

U - Not detected at the reporting limit shown

Bold and shaded indicates that concentration exceeds the Amended AO Indicator Level

BMPs include stabilized construction entrance, clearing limits, perimeter controls (excavation below surrounding grade), and water treatment system.

µg/L - micrograms per liter, NTU - Nephelometric Turbidity Unit, S.U. - standard unit

Table 5. Maddux North: Summary of Dewatering Influent and Effluent Analytical Samples

Project 160324, Maddux North and South, Seattle, Washington

Parameter	Amended Agreed Order Indicator Level	Units	Effluent Samples - Representative of Water Discharged to Sewer						
			Week of 2/8/21	Week of 2/15/21	Week of 2/22/21	Week of 3/1/21	Week of 3/8/21	Week of 3/15/21	Week of 3/22/21
Sample ID			EFF-020821	EFF-021621	EFF-022221	EFF-030121	EFF-030821	EFF-031521	EFF-032321
Diesel and Oil-range Petroleum Hydrocarbons[(a)]	250	µg/L	< 99.0 U	< 99.1 U	< 99.2 U	< 99.8 U	< 98.8 U	< 99.1 U	< 98.8 U
Gasoline-range Petroleum Hydrocarbons	250	µg/L	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
BTEX[(b)]	2.0	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Total Arsenic	69	µg/L	4.24	5.75	5.32	1.17	3.90	4.34	4.03
Total Barium	1,000	µg/L	20.2	11.4	16.5	26.5	31.6	26.8	25.0
Tetrachloroethene	12.3	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2,4 Trimethylbenzene	1.0	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,3,5 Trimethylbenzene	1.0	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Isopropylbenzene	1.0	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
n-Butylbenzene	1.0	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
n-Propylbenzene	1.0	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
sec-Butylbenzene	1.0	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1 Dichloroethene	2.0	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Trichloroethene	5.7	µg/L	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U	< 0.500 U
cis-1,2 Dichloroethene	4.8	µg/L	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Vinyl Chloride	2.0	µg/L	< 0.200 U	< 0.200 U	< 0.200 U	< 0.200 U	< 0.200 U	< 0.200 U	< 0.200 U
Turbidity	25	NTU	0.24	0.12	1.35	0.33	0.24	0.55	0.13
pH	6.5 to 8.5	S.U.	6.97	7.06	7.05	6.86	7.35	6.80	7.10

Notes:

(a) - Sum of Diesel Range Organics and Heavy Oil

(b) - Benzene, toluene, ethylbenzene, and total xylenes. Each was not detected at a concentration < 1.00 µg/L

U - Not detected at the reporting limit shown

Bold and shaded indicates that concentration exceeds the Amended AO Indicator Level

BMPs include stabilized construction entrance, clearing limits, perimeter controls (excavation below surrounding grade), and water treatment system.

µg/L - micrograms per liter, NTU - Nephelometric Turbidity Unit, S.U. - standard unit

Table 6. Maddux South: Summary of Sidewall Performance Soil Sampling Results

Project No. 160324, Maddux North and South, Seattle, Washington

					Analyte Group	Total Petroleum Hydrocarbons				Benzene, Toluene, Ethylbenzene, and Total Xylenes				Chlorinated Volatile Organic Compounds					
					Analyte	Gasoline Range Organics	Diesel Range Organics	Motor Oil Range Organics	Diesel and Oil Extended Range Organics	Benzene	Toluene	Ethylbenzene	Total Xylenes	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cDCE)	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride
					Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
					Site Cleanup Level	30	2,000	2,000	2,000	0.03	7	6	9	0.05	0.03	--	--	--	0.02
Sidewall / Pile Location	Geologic Unit	Date	Sample Name	Elevation															
P12	Fill	10/28/2020	SW-P12-55-S	55	< 5.02 U	< 18.8 U	< 47.0 U	< 47 U	< 0.0201 U	< 0.0201 U	< 0.0251 U	< 0.0502 U	< 0.0201 U	< 0.0201 U	< 0.0201 U	< 0.0201 U	< 0.0201 U	< 0.0201 U
	Fill	10/28/2020	SW-P12-50-S	50	< 5.27 U	< 24.9 U	< 62.2 U	< 62.2 U	< 0.0211 U	< 0.0211 U	< 0.0264 U	< 0.0527 U	**0.0919**	< 0.0211 U	< 0.0211 U	< 0.0211 U	< 0.0211 U	< 0.0211 U
P14	Fill	10/16/2020	SW-P14-55-S	55	< 4.18 U	< 20.3 U	**152**	**152**	< 0.0167 U	< 0.0167 U	< 0.0209 U	< 0.0418 U	**0.14**	< 0.0167 U	< 0.0167 U	< 0.0167 U	< 0.0167 U	< 0.0167 U
	Fill	10/28/2020	SW-P14-50-S	50	< 6.18 U	< 21.4 U	< 53.5 U	< 53.5 U	< 0.0247 U	< 0.0247 U	< 0.0309 U	< 0.0618 U	< 0.0247 U	< 0.0247 U	< 0.0247 U	< 0.0247 U	< 0.0247 U	< 0.0247 U
	Fill	10/29/2020	SW-P14-45-S	45	< 4.64 U	< 20.8 U	< 52.0 U	< 52 U	< 0.0185 U	< 0.0185 U	< 0.0232 U	< 0.0464 U	**0.17**	**0.019**	**0.0342**	< 0.0185 U	< 0.0185 U	< 0.0185 U
P16	Fill	10/14/2020	SW-P16-55-S	55	< 5.47 U	< 22.6 U	< 56.6 U	< 56.6 U	< 0.0219 U	< 0.0219 U	< 0.0274 U	< 0.0547 U	**0.772**	< 0.0219 U	< 0.0219 U	< 0.0219 U	< 0.0219 U	< 0.0219 U
	Fill	10/20/2020	SW-P16-50-S	50	< 5.45 U	< 24.7 U	< 61.8 U	< 61.8 U	< 0.0218 U	< 0.0218 U	< 0.0272 U	< 0.0545 U	**0.139**	**0.0352**	**0.0242**	< 0.0218 U	< 0.0218 U	< 0.0218 U
	Recessional	10/20/2020	SW-P16-45-S	45	< 5.32 U	< 23.7 U	< 59.2 U	< 59.2 U	< 0.0213 U	< 0.0213 U	< 0.0266 U	< 0.0532 U	**0.107**	**0.127**	**0.0282**	< 0.0213 U	< 0.0213 U	< 0.0213 U
P18	Fill	9/30/2020	SW-P18-60-S	60	< 5.79 U	< 20.8 U	**93.5**	**93.5**	< 0.0231 U	< 0.0231 U	< 0.0289 U	< 0.0579 U	< 0.0231 U	< 0.0231 U	< 0.0231 U	< 0.0231 U	< 0.0231 U	< 0.0231 U
	Fill	10/14/2020	SW-P18-55-S	55	< 5.61 U	< 23.1 U	< 57.6 U	< 57.6 U	< 0.0224 U	< 0.0224 U	< 0.0281 U	< 0.0561 U	**0.0524**	< 0.0224 U	< 0.0224 U	< 0.0224 U	< 0.0224 U	< 0.0224 U
	Fill	10/20/2020	SW-P18-50-S	50	< 5.97 U	< 23.7 U	**1,500**	**1,500**	< 0.0239 U	< 0.0239 U	< 0.0298 U	< 0.0597 U	**0.0262**	< 0.0239 U	< 0.0239 U	< 0.0239 U	< 0.0239 U	< 0.0239 U
	Recessional	10/20/2020	SW-P18-45-S	45	< 5.38 U	< 22.0 U	< 55.0 U	< 55 U	< 0.0215 U	< 0.0215 U	< 0.0269 U	< 0.0538 U	< 0.0215 U	< 0.0215 U	< 0.0215 U	< 0.0215 U	< 0.0215 U	< 0.0215 U
P20	Fill	9/29/2020	SW-P20-60-S	60	< 5.16 U	< 19.3 U	**174**	**174**	< 0.0206 U	< 0.0206 U	< 0.0258 U	< 0.0516 U	< 0.0206 U	< 0.0206 U	< 0.0206 U	< 0.0206 U	< 0.0206 U	< 0.0206 U
	Fill	9/30/2020	SW-P20-55-S	55	< 6.32 U	< 20.8 U	**1,550**	**1,550**	< 0.0253 U	< 0.0253 U	< 0.0316 U	< 0.0632 U	**0.0913**	< 0.0253 U	< 0.0253 U	< 0.0253 U	< 0.0253 U	< 0.0253 U
	Fill	10/16/2020	SW-P20-50-S	50	< 7.07 U	< 18.4 U	**6,950**	**6,950**	< 0.0283 U	< 0.0283 U	< 0.0354 U	< 0.0707 U	**0.194**	< 0.0283 U	< 0.0283 U	< 0.0283 U	< 0.0283 U	< 0.0283 U
	Fill	10/20/2020	SW-P20-45-S	45	< 5.96 U	< 24.7 U	< 61.7 U	< 61.7 U	< 0.0238 U	< 0.0238 U	< 0.0298 U	< 0.0596 U	< 0.0238 U	< 0.0238 U	**0.0885**	< 0.0238 U	< 0.0238 U	< 0.0238 U
P22	Fill	9/29/2020	SW-P22-60-S	60	< 5.45 U	< 19.0 U	**1,200**	**1,200**	< 0.0218 U	< 0.0218 U	< 0.0273 U	< 0.0545 U	**0.0269**	< 0.0218 U	< 0.0218 U	< 0.0218 U	< 0.0218 U	< 0.0218 U
	Fill	9/30/2020	SW-P22-55-S	55	< 6.76 U	< 19.8 U	**1,680**	**1,680**	< 0.0270 U	< 0.0270 U	< 0.0338 U	< 0.0676 U	**0.0836**	< 0.0270 U	< 0.0270 U	< 0.0270 U	< 0.0270 U	< 0.0270 U
	Fill	10/16/2020	SW-P22-50-S	50	< 4.38 U	< 19.9 U	**3,340**	**3,340**	< 0.0175 U	< 0.0175 U	< 0.0219 U	< 0.0438 U	**0.0898**	< 0.0175 U	< 0.0175 U	< 0.0175 U	< 0.0175 U	< 0.0175 U
	Fill	10/20/2020	SW-P22-45-S	45	< 6.34 U	< 26.3 U	**1,040**	**1,040**	< 0.0254 U	< 0.0254 U	< 0.0317 U	< 0.0634 U	< 0.0254 U	< 0.0254 U	**0.0623**	< 0.0254 U	< 0.0254 U	< 0.0254 U
P24	Fill	9/25/2020	SW-P24-57-S	57	< 7.02 U	< 20.6 U	**849**	**849**	< 0.0281 U	< 0.0281 U	< 0.0351 U	< 0.0702 U	**0.101**	< 0.0281 U	< 0.0281 U	< 0.0281 U	< 0.0281 U	< 0.0281 U
	Fill	9/25/2020	SW-P24-60-S	60	< 5.57 U	< 24.4 U	**454**	**454**	< 0.0223 U	< 0.0223 U	< 0.0278 U	< 0.0557 U	**0.0348**	< 0.0223 U	< 0.0223 U	< 0.0223 U	< 0.0223 U	< 0.0223 U
	Fill	10/16/2020	SW-P24-50-S	50	< 6.15 U	< 22.3 U	**5,480**	**5,480**	< 0.0246 U	< 0.0246 U	< 0.0308 U	< 0.0615 U	**0.164**	< 0.0246 U	< 0.0246 U	< 0.0246 U	< 0.0246 U	< 0.0246 U
	Fill	10/20/2020	SW-P24-45-S	45	**18.0 X**	< 23.1 U	**425**	**425**	< 0.0209 U	< 0.0209 U	< 0.0261 U	< 0.0522 U	< 0.0209 U	< 0.0209 U	< 0.0209 U	< 0.0209 U	< 0.0209 U	< 0.0209 U
P28	Fill	9/25/2020	SW-P28-60-S	60	< 5.76 U	< 22.1 U	**111**	**111**	< 0.0231 U	< 0.0231 U	< 0.0288 U	< 0.0576 U	**0.0793**	< 0.0231 U	< 0.0231 U	< 0.0231 U	< 0.0231 U	< 0.0231 U
	Fill	9/25/2020	SW-P28-57-S	57	< 4.99 U	< 20.9 U	**77.4**	**77.4**	< 0.0199 U	< 0.0199 U	< 0.0249 U	< 0.0499 U	**0.125**	< 0.0199 U	< 0.0199 U	< 0.0199 U	< 0.0199 U	< 0.0199 U
	Fill	10/16/2020	SW-P28-50-S	50	< 4.52 U	< 20.9 U	< 52.3 U	< 52.3 U	< 0.0181 U	< 0.0181 U	< 0.0226 U	< 0.0452 U	< 0.0181 U	< 0.0181 U	< 0.0181 U	< 0.0181 U	< 0.0181 U	< 0.0181 U
P30	Fill	9/25/2020	SW-P30-60-S	60	< 4.83 U	< 23.6 U	< 58.9 U	< 58.9 U	< 0.0193 U	< 0.0193 U	< 0.0242 U	< 0.0483 U	< 0.0193 U	< 0.0193 U	< 0.0193 U	< 0.0193 U	< 0.0193 U	< 0.0193 U
	Fill	9/25/2020	SW-P30-55-S	55	< 5.01 U	< 21.2 U	< 52.9 U	< 52.9 U	< 0.0201 U	< 0.0201 U	< 0.0251 U	< 0.0501 U	**0.202**	< 0.0201 U	< 0.0201 U	< 0.0201 U	< 0.0201 U	< 0.0201 U
	Fill	10/16/2020	SW-P30-50-S	50	< 5.21 U	< 22.3 U	< 55.7 U	< 55.7 U	< 0.0208 U	< 0.0208 U	< 0.0260 U	< 0.0521 U	< 0.0208 U	< 0.0208 U	< 0.0208 U	< 0.0208 U	< 0.0208 U	< 0.0208 U
	Recessional	10/22/2020	SW-P30-45-S	45	< 4.65 U	< 20.2 U	< 50.4 U	< 50.4 U	< 0.0186 U	< 0.0186 U	< 0.0232 U	**0.2564**	< 0.0186 U	< 0.0186 U	< 0.0186 U	< 0.0186 U	< 0.0186 U	< 0.0186 U
P32	Fill	9/28/2020	SW-P32-60-S	60	< 5.04 U	< 20.5 U	< 51.4 U	< 51.4 U	< 0.0202 U	< 0.0202 U	< 0.0252 U	< 0.0504 U	< 0.0202 U	< 0.0202 U	< 0.0202 U	< 0.0202 U	< 0.0202 U	< 0.0202 U
	Fill	9/29/2020	SW-P32-55-S	55	< 5.00 U	< 20.0 U	< 50.0 U	< 50 U	< 0.0200 U	< 0.0200 U	< 0.0250 U	< 0.05 U	< 0.0200 U	< 0.0200 U	< 0.0200 U	< 0.0200 U	< 0.0200 U	< 0.0200 U
	Fill	10/16/2020	SW-P32-50-S	50	< 4.40 U	< 24.0 U	< 59.9 U	< 59.9 U	< 0.0176 U	< 0.0176 U	< 0.0220 U	< 0.044 U	**0.0673**	< 0.0176 U	< 0.0176 U	< 0.0176 U	< 0.0176 U	< 0.0176 U
	Recessional	10/22/2020	SW-P32-45-S	45	**5.28**	< 21.8 U	< 54.5 U	< 54.5 U	< 0.0189 U	< 0.0189 U	< 0.0237 U	< 0.0474 U	< 0.0189 U	< 0.0189 U	< 0.0189 U	< 0.0189 U	< 0.0189 U	< 0.0189 U
P34	Fill	9/28/2020	SW-P34-60-S	60	< 5.23 U	< 21.0 U	< 52.4 U	< 52.4 U	< 0.0209 U	< 0.0209 U	< 0.0261 U	< 0.0523 U	< 0.0209 U	< 0.0209 U	< 0.0209 U	< 0.0209 U	< 0.0209 U	< 0.0209 U
	Fill	9/29/2020	SW-P34-55-S	55	< 5.29 U	< 19.7 U	< 49.3 U	< 49.3 U	< 0.0212 U	< 0.0212 U	< 0.0264 U	< 0.0529 U	< 0.0212 U	< 0.0212 U	< 0.0212 U	< 0.0212 U	< 0.0212 U	< 0.0212 U
	Fill	10/16/2020	SW-P34-50-S	50	< 3.62 U	< 20.8 U	< 52.0 U	< 52 U	< 0.0145 U	< 0.0145 U	< 0.0181 U	< 0.0362 U	< 0.0145 U	< 0.0145 U	< 0.0145 U	< 0.0145 U	< 0.0145 U	< 0.0145 U
	Recessional	10/22/2020	SW-P34-45-S	45	< 5.40 U	< 21.0 U	< 52.6 U	< 52.6 U	< 0.0216 U	< 0.0216 U	< 0.0270 U	< 0.054 U	< 0.0216 U	< 0.0216 U	< 0.0216 U	< 0.0216 U	< 0.0216 U	< 0.0216 U
P36	Fill	9/29/2020	SW-P36-60-S	60	< 5.53 U	< 20.6 U	< 51.6 U	< 51.6 U	< 0.0221 U	< 0.0221 U	< 0.0277 U	< 0.0553 U	< 0.0221 U	< 0.0221 U	< 0.0221 U	< 0.0221 U	< 0.0221 U	< 0.0221 U
	Fill	9/30/2020	SW-P36-55-S	55	< 5.74 U	< 19.5 U	< 48.7 U	< 48.7 U	< 0.0230 U	< 0.0230 U	< 0.0287 U	< 0.0574 U	< 0.0230 U	< 0.0230 U	< 0.0230 U	< 0.0230 U	< 0.0230 U	< 0.0230 U
	Fill	10/16/2020	SW-P36-50-S	50	**4,160**	**147 X**	< 50.5 U	**147 X**	< 0.167 U	< 0.167 U	**1.56**	**17.04**	< 0.167 U	< 0.167 U	< 0.167 U	< 0.167 U	< 0.167 U	< 0.167 U
	Recessional	10/22/2020	SW-P36-45-S	45	< 5.41 U	< 23.5 U	< 58.8 U	< 58.8 U	< 0.0216 U	< 0.0216 U	< 0.0270 U	< 0.0541 U	< 0.0216 U	< 0.0216 U	< 0.0216 U	< 0.0216 U	< 0.0216 U	< 0.0216 U
P38	Fill	9/29/2020	SW-P38-60-S	60	< 5.31 U	< 20.1 U	< 50.1 U	< 50.1 U	< 0.0212 U	< 0.0212 U	< 0.0265 U	< 0.0531 U	< 0.0212 U	< 0.0212 U	< 0.0212 U	< 0.0212 U	< 0.0212 U	< 0.0212 U
	Fill	9/30/2020	SW-P38-55-S	55	< 5.28 U	< 19.1 U	< 47.8 U	< 47.8 U	< 0.0211 U	< 0.0211 U	< 0.0264 U	< 0.0528 U	< 0.0211 U	< 0.0211 U	< 0.0211 U	< 0.0211 U	< 0.0211 U	< 0.0211 U
	Recessional	10/16/2020	SW-P38-50-S	50	< 4.21 U	< 20.2 U	< 50.6 U	< 50.6 U	< 0.0169 U	< 0.0169 U	< 0.0211 U	< 0.0421 U	< 0.0169 U	< 0.0169 U	< 0.0169 U	< 0.0169 U	< 0.0169 U	< 0.0169 U
	Recessional	10/29/2020	SW-P38-45-S	45	< 6.10 U	< 25.1 U	< 62.9 U	< 62.9 U	< 0.0244 U	< 0.0244 U	< 0.0305 U	< 0.061 U	< 0.0244 U	< 0.0244 U	< 0.0244 U	< 0.0244 U	< 0.0244 U	< 0.0244 U
P40	Fill	9/30/2020	SW-P40-60-S	60	< 5.57 U	< 20.0 U	< 50.0 U	< 50 U	< 0.0223 U	< 0.0223 U	< 0.0278 U	< 0.0557 U	< 0.0223 U	< 0.0223 U	< 0.0223 U	< 0.0223 U	< 0.0223 U	< 0.0223 U
	Fill	10/16/2020	SW-P40-55-S	55	< 4.15 U	< 18.6 U	< 46.5 U	< 46.5 U	< 0.0166 U	< 0.0166 U	< 0.0208 U	< 0.0415 U	< 0.0166 U	< 0.0166 U	< 0.0166 U	< 0.0166 U	< 0.0166 U	< 0.0166 U
	Recessional	10/28/2020	SW-P40-50-S	50	< 6.47 U	< 19.7 U	< 49.3 U	< 49.3 U	< 0.0259 U	< 0.0259 U	< 0.0323 U	< 0.0647 U	< 0.0259 U	< 0.0259 U	< 0.0259 U	< 0.0259 U	< 0.0259 U	< 0.0259 U
	Recessional	10/29/2020	SW-P40-45-S	45	< 8.55 U	< 29.8 U	< 74.4 U	< 74.4 U	< 0.0342 U	< 0.0342 U	< 0.0427 U	< 0.0855 U	< 0.0342 U	< 0.0342 U	< 0.0342 U	< 0.0342 U	< 0.0342 U	< 0.0342 U
P42	Fill	9/30/2020	SW-P42-60-S	60	< 4.32 U	< 20.0 U	< 50.0 U	< 50 U	< 0.0173 U	< 0.0173 U	< 0.0216 U	< 0.0432 U	< 0.0173 U	< 0.0173 U	< 0.0173 U	< 0.0173 U	< 0.0173 U	< 0.0173 U
	Fill	10/28/2020	SW-P42-55-S	55	< 4.67 U	< 20.8 U	< 52.0 U	< 52 U	< 0.0187 U	< 0.0187 U	< 0.0234 U	< 0.0467 U	< 0.0187 U	< 0.0187 U	< 0.0187 U	< 0.0187 U	< 0.0187 U	< 0.0187 U
	Recessional	10/29/2020	SW-P42-50-S	50	< 6.68 U	< 19.1 U	< 47.7 U	< 47.7 U	< 0.0267 U	< 0.0267 U	< 0.0334 U	< 0.0668 U	< 0.0267 U	< 0.0267 U	< 0.0267 U	< 0.0267 U	< 0.0267 U	< 0.0267 U

Notes

Bold - detected

Blue Shaded - Detected result exceeded screening level

U - Analyte not detected at or above Reporting Limit (RL) shown

J - Result value estimated

UJ - Analyte not detected and the Reporting Limit (RL) is an estimate

X - Chromatographic pattern does not match fuel standard used for quantitation

Gasoline Range Hydrocarbons are screened against a tighter value when benzene is present in the sample.

mg/kg - milligrams per kilogram

Table 7. Maddux South: Summary of Base Confirmation Soil Sampling Results

Project No. 160324, Maddux North and South, Seattle, Washington

				Analyte Group	Total Petroleum Hydrocarbons				Benzene, Toluene, Ethylbenzene, and Total Xylenes			
				Analyte	Gasoline-Range Organics	Diesel-Range Organics	Motor Oil-Range Organics	Diesel and Oil Extended-Range Organics	Benzene	Toluene	Ethylbenzene	Total Xylenes
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
				Site Cleanup Levels	30	2,000	2,000	2,000	0.03	7	6	9
Base Sample Location	Geologic Unit	Date	Sample Name	Elevation								
P14-P12	Recessional	11/2/2020	B-P14-P12-50-S	50	< 10 U	< 50 U	< 250 U	< 250 U	< 0.02 U	< 0.10 U	< 0.05 U	< 0.15 U
P28-P19	Recessional	10/23/2020	B-P28-P19-45.5-S	45.5	< 4.94 U	< 21.3 U	< 53.2 U	< 53.2 U	< 0.0197 U	< 0.0197 U	< 0.0247 U	< 0.0494 U
P28-P20	Recessional	10/23/2020	B-P28-P20.5-46-S	46	< 4.97 U	< 19.6 U	< 48.9 U	< 48.9 U	< 0.0199 U	< 0.0199 U	< 0.0248 U	< 0.0497 U
P43-P28	Fill	10/23/2020	B-P43-P28-54-S	54	< 4.54 U	< 21.3 U	**431**	**431**	< 0.0182 U	< 0.0182 U	< 0.0227 U	< 0.0454 U
P45-P28	Fill	10/23/2020	B-P45-P28-54-S	54	< 4.81 U	< 20.2 U	**1,250**	**1,250**	< 0.0192 U	< 0.0192 U	< 0.0241 U	< 0.0481 U
	Fill	10/27/2020	B-P45-P28-50-S	50	< 6.23 U	< 21.6 U	**1,090**	**1,090**	< 0.0249 U	< 0.0249 U	< 0.0312 U	< 0.0623 U
	Recessional	10/27/2020	B-P45-P28-48-S	48	< 4.62 U	< 21.8 U	< 54.6 U	< 54.6 U	< 0.0185 U	< 0.0185 U	< 0.0231 U	< 0.0462 U
P47-P28	Recessional	10/26/2020	B-P47-P28-47-S	47	< 7.36 U	< 26.9 U	< 67.4 U	< 67.4 U	< 0.0294 U	< 0.0294 U	< 0.0368 U	< 0.0736 U
P30-P19	Recessional	10/23/2020	B-P30-P19-45-S	45	< 5.66 U	< 22.9 U	< 57.3 U	< 57.3 U	< 0.0226 U	< 0.0226 U	< 0.0283 U	< 0.0566 U
	Weathered Pre-Fraser	10/27/2020	B-P30-P19-44-S	44	< 5.54 U	< 20.0 U	< 49.9 U	< 49.9 U	< 0.0222 U	< 0.0222 U	< 0.0277 U	< 0.0554 U
	Pre-Fraser	10/27/2020	B-P30-P19-42-S	42	< 5.90 U	< 20.0 U	< 50.0 U	< 50 U	< 0.0236 U	< 0.0236 U	< 0.0295 U	< 0.059 U
P30-P20	Recessional	10/23/2020	B-P30-P20.5-45.5-S	45.5	< 4.65 U	< 22.5 U	< 56.2 U	< 56.2 U	< 0.0186 U	< 0.0186 U	< 0.0232 U	< 0.0465 U
	Weathered Pre-Fraser	10/27/2020	B-P30-P20.5-44-S	44	< 4.86 U	< 21.7 U	< 54.3 U	< 54.3 U	< 0.0194 U	< 0.0194 U	< 0.0243 U	< 0.0486 U
	Pre-Fraser	10/27/2020	B-P30-P20.5-42-S	42	< 4.91 U	< 19.7 U	< 49.2 U	< 49.2 U	< 0.0196 U	< 0.0196 U	< 0.0246 U	< 0.0491 U
	Pre-Fraser	11/2/2020	B-P30-P20.5-40-S	40	< 10 U	< 50 U	< 250 U	< 250 U	< 0.02 U	< 0.10 U	< 0.05 U	< 0.15 U
P30-P21	Pre-Fraser	11/2/2020	B-P30-P21.5-38-S	38	< 10 U	< 50 U	< 250 U	< 250 U	< 0.02 U	< 0.10 U	< 0.05 U	< 0.15 U
P43-P30	Recessional	10/31/2020	B-P43-P30-48-S	48	< 2.89 U	< 23.0 U	< 57.5 U	< 57.5 U	< 0.0116 U	< 0.0116 U	< 0.0145 U	< 0.0289 U
P45-P30	Fill/Rec	10/31/2020	B-P45-P30-49-S	49	< 2.84 U	< 21.2 U	**54.5**	**54.5**	< 0.0114 U	< 0.0114 U	< 0.0142 U	< 0.0284 U
P47-P30	Recessional	10/26/2020	B-P47-P30-47-S	47	< 12.1 U	< 37.0 U	< 92.6 U	< 92.6 U	< 0.0485 U	< 0.0485 U	< 0.0606 U	< 0.121 U
P32-P19	Weathered Pre-Fraser	11/2/2020	B-P32-P19-46-S	46	< 10 U	< 50 U	< 250 U	< 250 U	< 0.02 U	< 0.10 U	< 0.05 U	< 0.15 U
	Recessional	11/4/2020	B-P32-P19-44-S	44	< 10 U	< 50 U	< 250 U	< 250 U	< 0.02 U	< 0.10 U	< 0.05 U	< 0.15 U
	Pre-Fraser	11/4/2020	B-P32-P19-42-S	42	< 10 U	< 50 U	< 250 U	< 250 U	< 0.02 U	< 0.10 U	< 0.05 U	< 0.15 U
	Pre-Fraser	11/5/2020	B-P32-P19-40-S	40	< 10 U	< 50 U	< 250 U	< 250 U	< 0.02 U	< 0.10 U	< 0.05 U	< 0.15 U
P32-P20.5	Weathered Pre-Fraser	11/2/2020	B-P32-P20.5-46-S	46	< 10 U	< 50 U	< 250 U	< 250 U	< 0.02 U	< 0.10 U	< 0.05 U	< 0.15 U
	Recessional	11/4/2020	B-P32-P20.5-44-S	44	< 10 U	< 50 U	< 250 U	< 250 U	< 0.02 U	< 0.10 U	< 0.05 U	< 0.15 U
	Pre-Fraser	11/4/2020	B-P32-P20.5-42-S	42	< 10 U	< 50 U	< 250 U	< 250 U	< 0.02 U	< 0.10 U	< 0.05 U	< 0.15 U
P43-P32	Recessional	10/23/2020	B-P43-P32-42-S	42	< 6.04 U	< 22.7 U	< 56.7 U	< 56.7 U	< 0.0242 U	< 0.0242 U	< 0.0302 U	< 0.0604 U
P45-P32	Recessional	10/23/2020	B-P45-P32-43-S	43	< 5.94 U	< 23.6 U	< 58.9 U	< 58.9 U	< 0.0238 U	< 0.0238 U	< 0.0297 U	< 0.0594 U
P47-P32	Recessional	11/2/2020	B-P47-P32-50-S	50	< 10 U	< 50 U	< 250 U	< 250 U	< 0.02 U	< 0.10 U	< 0.05 U	< 0.15 U
P43-P34	Recessional	10/23/2020	B-P43-P34-42-S	42	< 6.05 U	< 24.5 U	< 61.3 U	< 61.3 U	< 0.0242 U	< 0.0242 U	< 0.0303 U	< 0.0605 U
P45-P34	Recessional	10/26/2020	B-P45-P34-43-S	43	< 2.30 U	< 20.4 U	< 51.0 U	< 51 U	< 0.00919 U	< 0.00919 U	< 0.0115 U	< 0.023 U
P47-P34	Fill	10/31/2020	B-P47-P34-50-S	50	< 3.29 U	< 22.1 U	**438**	**438**	< 0.0131 U	**0.0258**	< 0.0164 U	< 0.0329 U
P43-P36	Recessional	10/26/2020	B-P43-P36-43-S	43	< 6.69 U	< 23.5 U	< 58.7 U	< 58.7 U	< 0.0268 U	< 0.0268 U	< 0.0335 U	< 0.0669 U
P45-P36	Recessional	10/26/2020	B-P45-P36-43-S	43	< 3.68 U	< 23.0 U	< 57.6 U	< 57.6 U	< 0.0147 U	< 0.0147 U	< 0.0184 U	< 0.0368 U
P47-P36	Fill	10/31/2020	B-P47-P36-50-S	50	< 3.07 U	< 18.9 U	< 47.2 U	< 47.2 U	< 0.0123 U	< 0.0123 U	< 0.0153 U	< 0.0307 U
P43-P38	Recessional	10/30/2020	B-P43-P38-43-S	43	< 5.88 U	< 23.7 U	< 59.1 U	< 59.1 U	< 0.0235 U	< 0.0235 U	< 0.0294 U	< 0.0588 U
P45-P38	Recessional	10/30/2020	B-P45-P38-43-S	43	< 4.79 U	< 23.1 U	< 57.8 U	< 57.8 U	< 0.0192 U	< 0.0192 U	< 0.0240 U	< 0.0479 U
P47-P38	Fill	10/31/2020	B-P47-P38-49-S	49	< 4.70 U	< 24.7 U	< 61.7 U	< 61.7 U	< 0.0188 U	< 0.0188 U	< 0.0235 U	< 0.047 U
P43-P40	Recessional	10/30/2020	B-P43-P40-43-S	43	< 4.33 U	< 19.7 U	< 49.3 U	< 49.3 U	< 0.0173 U	< 0.0173 U	< 0.0217 U	< 0.0433 U
P45-P40	Recessional	10/30/2020	B-P45-P40-45-S	45	< 4.02 U	< 20.4 U	< 50.9 U	< 50.9 U	< 0.0161 U	< 0.0161 U	< 0.0201 U	< 0.0402 U
P43-P42	Fill	10/30/2020	B-P43-P42-50-S	50	< 4.42 U	< 19.2 U	< 47.9 U	< 47.9 U	< 0.0177 U	< 0.0177 U	< 0.0221 U	< 0.0442 U
P45-P42	Fill	10/30/2020	B-P45-P42-50-S	50	< 5.16 U	< 20.4 U	< 51.0 U	< 51 U	< 0.0207 U	< 0.0207 U	< 0.0258 U	< 0.0516 U

Notes

Bold - detected

Bold, italics, and underline - Detected result exceeded Site Cleanup Level

Grey shading - This sample location and elevation was over-excavated and has been removed

U - Analyte not detected at or above Reporting Limit (RL) shown

J - Result value estimated

UJ - Analyte not detected and the Reporting Limit (RL) is an estimate

X - Chromatographic pattern does not match fuel standard used for quantitation

mg/kg - milligrams per kilogram

Table 7. Maddux South: Summary of Base Confirmation Soil Sampling Results

Project No. 160324, Maddux North and South, Seattle, Washington

				Analyte Group	Chlorinated Volatile Organic Compounds					
				Analyte	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cDCE)	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
				Site Cleanup Levels	**0.05**	**0.03**	**--**	**--**	**--**	**0.02**
Base Sample Location	**Geologic Unit**	**Date**	**Sample Name**	**Elevation**						
P14-P12	Recessional	11/2/2020	B-P14-P12-50-S	50	< 0.03 U	< 0.02 U	**0.036**	--	--	< 0.02 U
P28-P19	Recessional	10/23/2020	B-P28-P19-45.5-S	45.5	< 0.0197 U	< 0.0197 U	**0.0342**	< 0.0197 U	< 0.0197 U	< 0.0197 U
P28-P20	Recessional	10/23/2020	B-P28-P20.5-46-S	46	< 0.0199 U	< 0.0199 U	< 0.0199 U	< 0.0199 U	< 0.0199 U	< 0.0199 U
P43-P28	Fill	10/23/2020	B-P43-P28-54-S	54	**0.0492**	< 0.0182 U	< 0.0182 U	< 0.0182 U	< 0.0182 U	< 0.0182 U
P45-P28	Fill	10/23/2020	B-P45-P28-54-S	54	***0.0686***	< 0.0192 U	< 0.0192 U	< 0.0192 U	< 0.0192 U	< 0.0192 U
	Fill	10/27/2020	B-P45-P28-50-S	50	***0.223***	< 0.0249 U	< 0.0249 U	< 0.0249 U	< 0.0249 U	< 0.0249 U
	Recessional	10/27/2020	B-P45-P28-48-S	48	< 0.0185 U	< 0.0185 U	< 0.0185 U	< 0.0185 U	< 0.0185 U	< 0.0185 U
P47-P28	Recessional	10/26/2020	B-P47-P28-47-S	47	< 0.0294 U	< 0.0294 U	< 0.0294 U	< 0.0294 U	< 0.0294 U	< 0.0294 U
P30-P19	Recessional	10/23/2020	B-P30-P19-45-S	45	***0.281***	< 0.0226 U	< 0.0226 U	< 0.0226 U	< 0.0226 U	< 0.0226 U
	Weathered Pre-Fraser	10/27/2020	B-P30-P19-44-S	44	***0.31***	***0.0768***	< 0.0222 U	< 0.0222 U	< 0.0222 U	< 0.0222 U
	Pre-Fraser	10/27/2020	B-P30-P19-42-S	42	< 0.0236 U	< 0.0236 U	< 0.0236 U	< 0.0236 U	< 0.0236 U	< 0.0236 U
P30-P20	Recessional	10/23/2020	B-P30-P20.5-45.5-S	45.5	***0.133***	***0.0495***	**0.0191**	< 0.0186 U	< 0.0186 U	< 0.0186 U
	Weathered Pre-Fraser	10/27/2020	B-P30-P20.5-44-S	44	***0.189***	***0.035***	< 0.0194 U	< 0.0194 U	< 0.0194 U	< 0.0194 U
	Pre-Fraser	10/27/2020	B-P30-P20.5-42-S	42	***0.179***	**0.0245**	< 0.0196 U	< 0.0196 U	< 0.0196 U	< 0.0196 U
	Pre-Fraser	11/2/2020	B-P30-P20.5-40-S	40	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
P30-P21	Pre-Fraser	11/2/2020	B-P30-P21.5-38-S	38	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
P43-P30	Recessional	10/31/2020	B-P43-P30-48-S	48	< 0.0116 U	< 0.0116 U	< 0.0116 U	< 0.0116 U	< 0.0116 U	< 0.0116 U
P45-P30	Fill/Rec	10/31/2020	B-P45-P30-49-S	49	< 0.0114 U	< 0.0114 U	< 0.0114 U	< 0.0114 U	< 0.0114 U	< 0.0114 U
P47-P30	Recessional	10/26/2020	B-P47-P30-47-S	47	< 0.0485 U	< 0.0485 U	< 0.0485 U	< 0.0485 U	< 0.0485 U	< 0.0485 U
P32-P19	Weathered Pre-Fraser	11/2/2020	B-P32-P19-46-S	46	***0.24***	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Recessional	11/4/2020	B-P32-P19-44-S	44	***0.16***	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Pre-Fraser	11/4/2020	B-P32-P19-42-S	42	***0.14***	< 0.02 U	**0.032**	--	--	< 0.02 U
	Pre-Fraser	11/5/2020	B-P32-P19-40-S	40	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
P32-P20.5	Weathered Pre-Fraser	11/2/2020	B-P32-P20.5-46-S	46	***0.067***	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Recessional	11/4/2020	B-P32-P20.5-44-S	44	***0.16***	< 0.02 U	< 0.03 U	--	--	< 0.02 U
	Pre-Fraser	11/4/2020	B-P32-P20.5-42-S	42	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
P43-P32	Recessional	10/23/2020	B-P43-P32-42-S	42	< 0.0242 U	< 0.0242 U	< 0.0242 U	< 0.0242 U	< 0.0242 U	< 0.0242 U
P45-P32	Recessional	10/23/2020	B-P45-P32-43-S	43	< 0.0238 U	< 0.0238 U	< 0.0238 U	< 0.0238 U	< 0.0238 U	< 0.0238 U
P47-P32	Recessional	11/2/2020	B-P47-P32-50-S	50	< 0.03 U	< 0.02 U	< 0.03 U	--	--	< 0.02 U
P43-P34	Recessional	10/23/2020	B-P43-P34-42-S	42	< 0.0242 U	< 0.0242 U	< 0.0242 U	< 0.0242 U	< 0.0242 U	< 0.0242 U
P45-P34	Recessional	10/26/2020	B-P45-P34-43-S	43	< 0.00919 U	< 0.00919 U	< 0.00919 U	< 0.00919 U	< 0.00919 U	< 0.00919 U
P47-P34	Fill	10/31/2020	B-P47-P34-50-S	50	**0.0138**	< 0.0131 U	< 0.0131 U	< 0.0131 U	< 0.0131 U	< 0.0131 U
P43-P36	Recessional	10/26/2020	B-P43-P36-43-S	43	< 0.0268 U	< 0.0268 U	< 0.0268 U	< 0.0268 U	< 0.0268 U	< 0.0268 U
P45-P36	Recessional	10/26/2020	B-P45-P36-43-S	43	< 0.0147 U	< 0.0147 U	< 0.0147 U	< 0.0147 U	< 0.0147 U	< 0.0147 U
P47-P36	Fill	10/31/2020	B-P47-P36-50-S	50	**0.0447**	< 0.0123 U	**0.015**	< 0.0123 U	< 0.0123 U	< 0.0123 U
P43-P38	Recessional	10/30/2020	B-P43-P38-43-S	43	< 0.0235 U	< 0.0235 U	< 0.0235 U	< 0.0235 U	< 0.0235 U	< 0.0235 U
P45-P38	Recessional	10/30/2020	B-P45-P38-43-S	43	< 0.0192 U	< 0.0192 U	< 0.0192 U	< 0.0192 U	< 0.0192 U	< 0.0192 U
P47-P38	Fill	10/31/2020	B-P47-P38-49-S	49	< 0.0188 U	< 0.0188 U	< 0.0188 U	< 0.0188 U	< 0.0188 U	< 0.0188 U
P43-P40	Recessional	10/30/2020	B-P43-P40-43-S	43	< 0.0173 U	< 0.0173 U	< 0.0173 U	< 0.0173 U	< 0.0173 U	< 0.0173 U
P45-P40	Recessional	10/30/2020	B-P45-P40-45-S	45	< 0.0161 U	< 0.0161 U	< 0.0161 U	< 0.0161 U	< 0.0161 U	< 0.0161 U
P43-P42	Fill	10/30/2020	B-P43-P42-50-S	50	< 0.0177 U	< 0.0177 U	< 0.0177 U	< 0.0177 U	< 0.0177 U	< 0.0177 U
P45-P42	Fill	10/30/2020	B-P45-P42-50-S	50	< 0.0207 U	< 0.0207 U	< 0.0207 U	< 0.0207 U	< 0.0207 U	< 0.0207 U

Notes

Bold - detected

Bold, italics, and underline - Detected result exceeded Site Cleanup Level

Grey shading - This sample location and elevation was over-excavated and has been removed

U - Analyte not detected at or above Reporting Limit (RL) shown

J - Result value estimated

UJ - Analyte not detected and the Reporting Limit (RL) is an estimate

X - Chromatographic pattern does not match fuel standard used for quantitation

mg/kg - milligrams per kilogram

Table 8. Maddux South: Summary of Dewatering Batch Effluent Analytical Results

Project No. 160324, Maddux North and South, Seattle, Washington

			Batch 1	Batch 2
		Sample Date	10/26/2020	11/25/2020
		Discharge Date	10/30/2020	12/7/2020
Parameter	**Amended Agreed Order Indicator Level**	**Units**		
Diesel- and Oil-range Petroleum Hydrocarbons[(a)]	250	µg/L	< 99.7 U	< 98.6 U
Gasoline-range Petroleum Hydrocarbons	250	µg/L	< 50.0 U	< 50.0 U
BTEX[(b)]	2.0	µg/L	< 1.00 U	< 1.00 U
Total Lead	210	µg/L	0.778	< 0.500 U
Tetrachloroethene	12.3	µg/L	< 1.00 U	< 1.00 U
Trichloroethene	5.7	µg/L	< 0.500 U	< 0.500 U
1,1-Dichloroethene	8.4	µg/L	< 1.00 U	< 1.00 U
trans-1,2-Dichloroethene	4.8	µg/L	< 1.00 U	< 1.00 U
cis-1,2-Dichloroethene	4.8	µg/L	< 1.00 U	< 1.00 U
Vinyl Chloride	2.0	µg/L	< 0.200 U	< 0.200 U
1-Methylnaphthalene	0.01	µg/L	< 0.00997 U	< 0.00974 U
2-Methlynaphthalene	0.01	µg/L	< 0.00997 U	< 0.00808 U
Benzo(g,h,i)perylene	12.3	µg/L	< 0.0997 U	< 0.00792 U
Fluoranthene	6.6	µg/L	< 0.0997 U	< 0.0238 U
Naphthalene	4.8	µg/L	< 0.0997 U	< 0.0296 U
Phenanthrene	16.2	µg/L	< 0.0997 U	< 0.0154 U
Pyrene	5.7	µg/L	< 0.0997 U	< 0.0307 U
Benzo(a)anthracene	23.4	µg/L	< 0.0997 U	< 0.0118 U
Benzo(b)fluoranthene	14.4	µg/L	< 0.0997 U	< 00160 U
Benzo(a)pyrene	7.5	µg/L	< 0.0997 U	< 0.00709 U
Chrysene	7.5	µg/L	< 0.0997 U	< 0.0163 U
Benzo(k)fluoranthene	7.5	µg/L	< 0.0997 U	< 0.0304 U
Turbidity	25	NTU	0.82	0.08
pH	6.5 to 8.5	S.U.	7.09	7.97

Notes:

(a) - Sum of Diesel Range Organics and Heavy Oil; (b) - Benzene, toluene, ethylbenzene, and total xylenes. Each was not detected at a concentration of < 1.00 µg/L

NTU = nephelometric turbidity unit; BTEX = benzene, toluene, ethylbenzene, and xylenes

U - Not detected at the reporting limit shown; ug/L = micrograms per liter

Table 9. ISCR Injection Data Summary
Project No. 160324, Maddux North and South, Seattle, Washington

Well ID	Start Date	Start Time	End Date	End time	Injection Interval (ft)			Fracture Pressure (psi)	Sustained Pressure (psi)	Average Flowrate (gpm)	Injection Mix				Solution Injected (gal)	Flush Water Injected (gal)	Total Injected (gal)	Daylighting	Field Notes
											ZVI (gal)	ZVI (lb)	Water (gal)	ZVI (lb) / Water (gal)					
29th Avenue South Pilot Test Injection Data																			
IJ-01	1/5/2021	10:46	1/5/2021	11:33	6.0	to	8.0	120	65	3.6	2.8	41	164	0.25	167	0	167		
	1/5/2021	11:42	1/5/2021	12:15	8.0	to	10.5	250	85	5.1	2.8	41	164	0.25	167	0	167		
	1/5/2021	12:50	1/5/2021	13:30	10.5	to	13.0	400	62	4.9	2.8	41	164	0.25	167	30	197		
										TOTALS	**8.3**	**124**	**493**	**0.25**	**501**	**30**	**531**		
IJ-02	1/6/2020	9:08	1/6/2020	9:13	17.5	to	20.0	250	65	5.0	0.4	6	25	0.26	25	0	25		
										TOTALS	**0.4**	**6**	**25**	**0.26**	**25**	**0**	**25**		
IJ-03	1/6/2020	11:13	1/6/2020	11:21	17.5	to	20.0	275	125	3.1	0.4	6	25	0.26	25	0	25		
										TOTALS	**0.4**	**6**	**25**	**0.26**	**25**	**0**	**25**		
IJ-04	1/6/2020	12:21	1/6/2020	12:53	6.0	to	8.5	200	45	3.9	2.8	41	122	0.34	125	0	125		
	1/6/2020	13:01	1/6/2020	13:18	8.5	to	11.0	100	15	4.4	1.0	15	74	0.20	75	0	75		
										TOTALS	**3.8**	**56**	**196**	**0.29**	**200**	**0**	**200**		
IJ-05	1/7/2020	8:49	1/7/2020	9:08	12.5	to	15.0	250	25	4.4	2.8	42	80	0.52	83	0	83		
	1/7/2020	9:13	1/7/2020	9:39	10.0	to	12.5	200	30	3.2	2.8	41	80	0.52	83	0	83		
										TOTALS	**5.5**	**83**	**160**	**0.52**	**166**	**0**	**166**		
IJ-06	1/7/2020	11:15	1/7/2020	11:25	17.5	to	20.0	400	100	2.2	1.9	29	20	1.45	22	0	22		
	1/7/2020	11:27	1/7/2020	11:34	15.0	to	17.5	200	75	3.1	1.9	29	20	1.45	22	0	22		
	1/7/2020	11:35	1/7/2020	11:43	12.5	to	15.0	150	100	2.8	1.9	29	20	1.45	22	0	22		
	1/7/2020	11:53	1/7/2020	12:13	10.0	to	12.5	95	80	2.6	1.9	29	20	1.45	22	30	52		
										TOTALS	**7.8**	**116**	**80**	**1.45**	**88**	**30**	**118**		

29th Avenue South Pilot Test Injection Data Summary	Average Fracture Pressure (psi)	Average Sustained Pressure (psi)	Average Flowrate (gpm)	Total ZVI Injected (gal)	Total ZVI Injected (lb)	Total Water Injected (gal)	Average Injection ZVI (lb)/ Water (gal)	Total Solution Injected (gal)	Total Flush Water injected (gal)	Total volume injected
	222	**67**	**3.7**	**26**	**393**	**979**	**0.67**	**1,005**	**60**	**1,065**

Table 9. ISCR Injection Data Summary

Project No. 160324, Maddux North and South, Seattle, Washington

Well ID	Start Date	Start Time	End Date	End time	Injection Interval (ft)			Fracture Pressure (psi)	Sustained Pressure (psi)	Average Flowrate (gpm)	Injection Mix				Solution Injected (gal)	Flush Water Injected (gal)	Total Injected (gal)	Daylighting	Field Notes
											ZVI (gal)	ZVI (lb)	Water (gal)	ZVI (lb) / Water (gal)					
29th Avenue South Full Scale Injections																			
IJ-7	2/17/2021	11:09	12/17/2021	11:35	15.0	to	12.5	--	240	1.8	4	54	47	1.15	50	0	45		2 in tooling, 2 ft perforated screen. Tooling clogged on first attempt.
	2/17/2021	11:40	2/17/2021	12:26	12.5	to	10.0	--	265	1.3	4	54	47	1.15	50	0	120		
	2/17/2021	12:27	2/17/2021	12:58	10.0	to	7.5	--	265	1.6	4	54	47	1.15	50	20	170		
										TOTALS	**11**	**161**	**140**	**1.15**	**150**	**20**	**170**		
IJ-8	2/17/2021	13:25	2/17/2021	13:31	21.0	to	18.5	--	250	3.5	3	40	35	1.15	38	0	38		2 in tooling, 2 ft perforated screen.
	2/17/2021	13:32	2/17/2021	13:50	18.5	to	16.0	215	205	3.5	3	40	35	1.15	38	0	76	X	Slow daylight of reagent @ P29, P30 <0.5 gpm
	2/17/2021	14:36	2/17/2021	14:50	15.0	to	12.5	--	90	2.8	3	40	35	1.15	38	0	113	X	Slow daylight of reagent out of borehole annulus, seal surface w/ bent. Chips
	2/17/2021	14:55	2/17/2021	15:07	12.5	to	10.0	130	55	3.5	3	40	35	1.15	38	20	171	X	Rapid daylighting out of sidewall ~1.5 gpm, continue injection due to low remaining volume.
										TOTALS	**11**	**161**	**140**	**1.15**	**150**	**20**	**171**		
IJ-9	2/19/2021	9:13	2/19/2021	9:20	20.0	to	17.5	200	100	3.6	3	40	23	1.79	25	0	25		
	2/19/2021	9:21	2/19/2021	9:26	17.5	to	15.0	110	45	5.0	3	40	23	1.79	25	0	50	X	
	2/19/2021	9:27	2/19/2021	9:31	15.0	to	12.5	110	65	5.0	3	40	23	1.79	25	0	75	X	
	2/19/2021	9:32	2/19/2021	9:44	12.5	to	10.0	65	45	5.0	3	40	23	1.79	25	25	125	X	
										TOTALS	**11**	**161**	**90**	**1.79**	**100**	**25**	**125**		
IJ-10	2/19/2021	10:36	2/19/2021	10:44	20.0	to	17.5	350	100	3.6	3	40	23	1.79	25	0	25		
	2/19/2021	10:45	2/19/2021	10:48	17.5	to	15.0	--	100	5.0	3	40	23	1.79	25	0	50		GW seeps P28 - P29 @75 ft <0.1 gpm
	2/19/2021	10:49	2/19/2021	10:53	15.0	to	12.5	--	100	5.0	3	40	23	1.79	25	0	75	X	Daylighting P27 - P30 @ 75 ft - 69 ft <1.0 gpm
	2/19/2021	10:54	2/19/2021	11:02	12.5	to	10.0	--	100	5.0	3	40	23	1.79	25	25	125	X	Daylighting out of sidewalk pavers 8 ft N of injection <0.1 gpm
										TOTALS	**11**	**161**	**90**	**1.79**	**100**	**25**	**125**		
IJ-11	2/17/2021	15:52	2/17/2021	16:05	22.5	to	20.0	--	240	3.0	3	40	35	1.15	38	0	38	X	Slow daylighting P28.5 - P30 elevation 75 ft to 69 ft, <0.5 gpm, 2 in tooling, 2 ft perforated screen.
	2/17/2021	16:07	2/17/2021	16:13	20.0	to	17.5	40	25	3.5	3	40	35	1.15	38	0	76	X	Daylighting P27 - P30 elevation 75 ft to 69 ft, <0.75 gpm
	2/17/2021	16:18	2/17/2021	16:31	17.5	to	15.0	--	30	3.5	3	40	35	1.15	38	0	113	X	
	2/17/2021	16:39	2/17/2021	16:52	15.0	to	12.5	115	35	3.5	3	40	35	1.15	38	20	171	X	Daylighting slows to <0.25 gpm from P30, 69 ft
										TOTALS	**11**	**161**	**140**	**1.15**	**150**	**20**	**171**		
IJ-12	2/19/2021	12:11	2/19/2021	12:20	22.5	to	20.0	250	125	2.7	3	40	23	1.79	25	0	25		
	2/19/2021	12:21	2/19/2021	12:26	20.0	to	17.5	110	65	5.0	3	40	23	1.79	25	0	50	X	
	2/19/2021	12:33	2/19/2021	12:39	17.5	to	15.0	70	50	5.0	3	40	23	1.79	25	0	75	X	
	2/19/2021	12:40	2/19/2021	12:54	15.0	to	12.5	--	50	5.0	3	40	23	1.79	25	25	125	X	
										TOTALS	**11**	**161**	**90**	**1.79**	**100**	**25**	**125**		
IJ-13	2/18/2021	10:03	2/18/2021	10:13	25.0	to	22.5	450	100	5.5	3	40	23	1.79	25	0	25		
	2/18/2021	10:16	2/18/2021	10:24	22.5	to	20.0	75	65	5.0	3	40	23	1.79	25	0	50	X	Daylighting P30 @ 69 ft <1.0 gpm
	2/18/2021	10:26	2/18/2021	10:32	20.0	to	17.5	--	75	5.0	3	40	23	1.79	25	0	75	X	
	2/18/2021	10:33	2/18/2021	10:42	17.5	to	15.0	--	75	5.0	3	40	23	1.79	25	20	120	X	Daylighting through sidewalk pavers ~7 ft S of injection <0.2 gpm
										TOTALS	**11**	**161**	**90**	**1.79**	**100**	**20**	**120**		
IJ-14	2/19/2021	13:34	2/19/2021	13:45	22.5	to	20.0	400	100	5.0	3	40	23	1.79	25	0	25		
	2/19/2021	13:46	2/19/2021	13:50	20.0	to	17.5	100	65	5.5	3	40	23	1.79	25	0	50	X	Daylighting P23 @ 75 ft <0.3 gpm
	2/19/2021	13:51	2/19/2021	13:56	17.5	to	15.0	--	50	5.0	3	40	23	1.79	25	0	75	X	
	2/19/2021	13:59	2/19/2021	14:07	15.0	to	12.5	--	50	5.0	3	40	23	1.79	25	25	125	X	Daylighting P24 - P25 75 ft <0.5 gpm
										TOTALS	**11**	**161**	**90**	**1.79**	**100**	**25**	**125**		
IJ-15	2/18/2021	11:39	2/18/2021	11:57	20.0	to	17.5	400	300	1.5	3	40	23	1.79	25	0	25		
	2/18/2021	11:58	2/18/2021	12:04	17.5	to	15.0	275	45	5.0	3	40	23	1.79	25	0	50		GW seeps P24 - P27 <0.1 gpm
	2/18/2021	12:05	2/18/2021	12:12	15.0	to	12.5	--	40	5.0	3	40	23	1.79	25	0	75	X	Daylgilting P24 - P27 <1.0 gpm
	2/18/2021	12:13	2/18/2021	12:24	12.5	to	10.0	--	30	5.0	3	40	23	1.79	25	20	120	X	Daylighting from tiebacks P24 - P27 <1.2 gpm
										TOTALS	**11**	**161**	**90**	**1.79**	**100**	**20**	**120**		
IJ-16	2/18/2021	13:57	2/18/2021	14:03	15.0	to	12.5	400	50	5.0	4	54	30	1.79	33	0	33		
	2/18/2021	14:04	2/18/2021	14:10	12.5	to	10.0	--	47	5.0	4	54	30	1.79	33	0	67	X	Daylighting P23 - P25 @ 75 ft <1 gpm
	2/18/2021	14:11	2/18/2021	14:31	10.0	to	7.5	--	50	5.0	4	54	30	1.79	33	20	120	X	
										TOTALS	**11**	**161**	**90**	**1.79**	**100**	**20**	**120**		
IJ-17	2/19/2021	14:44	2/19/2021	14:54	15.0	to	12.5	350	125	3.5	4	54	30	1.79	33	0	33		
	2/19/2021	14:55	2/19/2021	15:05	12.5	to	10.0	160	82	3.5	4	54	30	1.79	33	0	67	X	Daylighting P25 - P26 @ 75 ft <0.3 gpm
	2/19/2021	15:06	2/19/2021	15:27	10.0	to	7.5	50	40	3.5	4	54	30	1.79	33	25	125	X	Daylighting around annulus <0.1 gpm, sealted w/ bent. Chips
										TOTALS	**11**	**161**	**90**	**1.79**	**100**	**25**	**125**		
IJ-18	2/18/2021	15:10	2/18/2021	15:25	15.0	to	12.5	250	75	5.0	4	54	30	1.79	33	0	33	X	Slow daylighting P23.5 @ 75 ft <0.1 gpm
	2/18/2021	15:30	2/18/2021	15:40	12.5	to	10.0	55	50	5.0	4	54	30	1.79	33	0	67	X	Daylighting P23 - P25 @ 75 ft <0.5 gpm
	2/18/2021	16:08	2/18/2021	16:30	10.0	to	7.5	350	50	1.5	4	54	30	1.79	33	20	120	X	Tooling issue 15:43 to 16:08
										TOTALS	**11**	**161**	**90**	**1.79**	**100**	**20**	**120**		
IJ-19	2/19/2021	16:00	2/19/2021	16:11	15.0	to	12.5	--	150	3.5	4	54	30	1.79	33	0	33		
	2/19/2021	16:12	2/19/2021	16:21	12.5	to	10.0	75	60	3.5	4	54	30	1.79	33	0	67	X	Reagent daylighting from surface ~20 ft N of injection <0.2 gpm
	2/19/2021	16:22	2/19/2021	16:45	10.0	to	7.5	--	50	3.5	4	54	30	1.79	33	25	125	X	
										TOTALS	**11**	**161**	**90**	**1.79**	**100**	**25**	**125**		

29th Avenue South Full Scale Injections Data Summary	Average Fracture Pressure (psi)	Average Sustained Pressure (psi)	Average Flowrate (gpm)	Total ZVI Injected (gal)	Total ZVI Injected (lb)	Total Water Injected (gal)	Average Injection ZVI (lb)/ Water (gal)	Total Solution Injected (gal)	Total Flush Water injected (gal)	Total volume injected
	198	**95**	**4.1**	**151**	**2,258**	**1,410**	**1.64**	**1,450**	**290**	**1,741**

29th Avenue South Pilot and Full Scale Combined Injections Data Summary	Average Fracture Pressure (psi)	Average Sustained Pressure (psi)	Average Flowrate (gpm)	Total ZVI Injected (gal)	Total ZVI Injected (lb)	Total Water Injected (gal)	Average Injection ZVI (lb)/ Water (gal)	Total Solution Injected (gal)	Total Flush Water injected (gal)	Total volume injected
	206	**89**	**4.0**	**177**	**2,650**	**2,389**	**1.43**	**2,455**	**350**	**2,806**

Table 9. ISCR Injection Data Summary

Project No. 160324, Maddux North and South, Seattle, Washington

Well ID	Start Date	Start Time	End Date	End time	Injection Interval (ft)			Fracture Pressure (psi)	Sustained Pressure (psi)	Average Flowrate (gpm)	Injection Mix				Solution Injected (gal)	Flush Water Injected (gal)	Total Injected (gal)	Daylighting	Field Notes
											ZVI (gal)	ZVI (lb)	Water (gal)	ZVI (lb) / Water (gal)					
McClellan Injections																			
IP-20	10/22/2022	11:43	10/22/2022	11:44	8.0	to	10.0	200	175	17.1	2.0	30.0	24.0	1.25	26	4	30		
	10/22/2022	11:56	10/22/2022	11:57	10.0	to	12.0	175	175	17.1	2.0	30.0	24.0	1.25	26	4	60		
	10/22/2022	12:03	10/22/2022	12:04	12.0	to	14.0	175	175	17.1	2.0	30.0	24.0	1.25	26	4	90	X	Surfacing 12' away from asphalt seams
	10/22/2022	12:13	10/22/2022	12:14	14.0	to	16.0	200	200	17.1	2.0	30.0	24.0	1.25	26	4	120		
	10/22/2022	12:23	10/22/2022	12:24	16.0	to	18.0	175	175	17.1	2.0	30.0	24.0	1.25	26	4	150		
										TOTALS	**10**	**150**	**120**	**1.25**	**130**	**20**	**150**		
IP-21	10/22/2022	15:30	10/22/2022	15:31	8.0	to	10.0	150	150	17.1	2.0	30.0	24.0	1.25	26	4	30		
	10/22/2022	15:36	10/22/2022	15:37	10.0	to	12.0	175	175	17.1	2.0	30.0	24.0	1.25	26	4	60		
	10/22/2022	15:47	10/22/2022	15:48	12.0	to	14.0	150	150	17.1	2.0	30.0	24.0	1.25	26	4	90		
	10/22/2022	15:52	10/22/2022	15:53	14.0	to	16.0	150	150	17.1	2.0	30.0	24.0	1.25	26	4	120		
	10/22/2022	16:04	10/22/2022	16:05	16.0	to	18.0	150	150	17.1	2.0	30.0	24.0	1.25	26	4	150	X	Injection refusal at 18'. Pulled up 1'. Surfacing 2' away asphalt seams / cracks
										TOTALS	**10**	**150**	**120**	**1.25**	**130**	**20**	**150**		
IP-22	8/20/2022	13:03	8/20/2022	13:05	8.0	to	10.0	225	225	9.0	1.3	19.5	16.6	1.17	18	5	23		
	8/20/2022	13:17	8/20/2022	13:19	10.0	to	12.0	250	225	9.0	1.3	19.5	16.6	1.17	18	5	46		
	8/20/2022	13:35	8/20/2022	13:37	12.0	to	14.0	225	250	9.0	1.3	19.5	16.6	1.17	18	5	69		
	8/20/2022	13:45	8/20/2022	13:47	14.0	to	16.0	200	275	9.0	1.3	19.5	16.6	1.17	18	5	92		
	8/20/2022	14:02	8/20/2022	14:04	16.0	to	18.0	300	300	9.0	1.3	19.5	16.6	1.17	18	5	115		
										TOTALS	**7**	**98**	**83**	**1.17**	**90**	**25**	**115**		
IP-23	10/22/2022	14:11	10/22/2022	14:12	8.0	to	10.0	175	175	17.1	2.0	30.0	24.0	1.25	26	4	30		
	10/22/2022	14:18	10/22/2022	14:19	10.0	to	12.0	150	150	17.1	2.0	30.0	24.0	1.25	26	4	60	X	Surfacing 3' away asphalt seam
	10/22/2022	14:26	10/22/2022	14:27	12.0	to	14.0	150	150	17.1	2.0	30.0	24.0	1.25	26	4	90	X	Surfacing 3' away asphalt seam
	10/22/2022	14:41	10/22/2022	14:42	14.0	to	16.0	150	150	17.1	2.0	30.0	24.0	1.25	26	4	120	X	Surfacing 3' away asphalt seam
	10/22/2022	14:52	10/22/2022	14:53	16.0	to	18.0	150	150	17.1	2.0	30.0	24.0	1.25	26	4	150		
										TOTALS	**10**	**150**	**120**	**1.25**	**130**	**20**	**150**		
IP-24	10/22/2022	12:58	10/22/2022	12:59	8.0	to	10.0	175	175	17.1	2.0	30.0	24.0	1.25	26	4	30		
	10/22/2022	13:08	10/22/2022	13:09	10.0	to	12.0	175	175	17.1	2.0	30.0	24.0	1.25	26	4	60		
	10/22/2022	13:15	10/22/2022	13:16	12.0	to	14.0	175	175	17.1	2.0	30.0	24.0	1.25	26	4	90		
	10/22/2022	13:21	10/22/2022	13:22	14.0	to	16.0	175	175	17.1	2.0	30.0	24.0	1.25	26	4	120		
	10/22/2022	13:30	10/22/2022	13:31	16.0	to	18.0	175	175	17.1	2.0	30.0	24.0	1.25	26	4	150		
										TOTALS	**10**	**150**	**120**	**1.25**	**130**	**20**	**150**		
IP-25	8/20/2022	14:55	8/20/2022	14:57	8.0	to	10.0	225	250	9.0	1.3	19.5	16.6	1.17	18	5	23		
	8/20/2022	15:12	8/20/2022	15:14	10.0	to	12.0	225	225	9.0	1.3	19.5	16.6	1.17	18	5	46		
	8/20/2022	15:25	8/20/2022	15:27	12.0	to	14.0	200	200	9.0	1.3	19.5	16.6	1.17	18	5	69		
	8/20/2022	15:37	8/20/2022	15:39	14.0	to	16.0	350	300	9.0	1.3	19.5	16.6	1.17	18	5	92		
	8/20/2022	15:55	8/20/2022	15:57	16.0	to	18.0	300	250	9.0	1.3	19.5	16.6	1.17	18	5	115		
										TOTALS	**7**	**98**	**83**	**1.17**	**90**	**25**	**115**		
IP-26	8/21/2022	10:02	8/21/2022	10:04	8.0	to	10.0	250	250	9.0	1.3	19.5	16.6	1.17	18	5	23		
	8/21/2022	10:16	8/21/2022	10:18	10.0	to	12.0	250	225	9.0	1.3	19.5	16.6	1.17	18	5	46		
	8/21/2022	10:16	8/21/2022	10:28	12.0	to	14.0	225	200	9.0	1.3	19.5	16.6	1.17	18	5	69		
	8/21/2022	10:16	8/21/2022	10:37	14.0	to	16.0	225	225	9.0	1.3	19.5	16.6	1.17	18	5	92		
	8/21/2022	10:16	8/21/2022	10:50	16.0	to	18.0	200	225	9.0	1.3	19.5	16.6	1.17	18	5	115		
										TOTALS	**7**	**98**	**83**	**1.17**	**90**	**25**	**115**		
IP-27	8/21/2022	11:16	8/21/2022	11:18	8.0	to	10.0	200	225	9.0	1.3	19.5	16.6	1.17	18	5	23	X	Minor surfacing 4' away from borehole from asphalt seam toward end of interval
	8/21/2022	11:30	8/21/2022	11:32	10.0	to	12.0	200	225	9.0	1.3	19.5	16.6	1.17	18	5	46	X	Minor surfacing 4' away from borehole from asphalt seam toward end of interval (Same area)
	8/21/2022	11:39	8/21/2022	11:46	12.0	to	14.0	450	425	2.6	1.3	19.5	16.6	1.17	18	5	69		
	8/21/2022	11:56	8/21/2022	11:58	14.0	to	16.0	225	225	9.0	1.3	19.5	16.6	1.17	18	5	92		
	8/21/2022	12:08	8/21/2022	12:10	16.0	to	18.0	200	200	9.0	1.3	19.5	16.6	1.17	18	5	115		
										TOTALS	**7**	**98**	**83**	**1.17**	**90**	**25**	**115**		
IP-28	8/21/2022	10:02	8/21/2022	10:04	8.0	to	10.0	250	250	9.0	1.3	19.5	16.6	1.17	18	5	23	X	Minor surfacing 7'-10' away from borehole from cracks in asphalt toward end of interval
	8/21/2022	10:16	8/21/2022	10:18	10.0	to	12.0	250	225	9.0	1.3	19.5	16.6	1.17	18	5	46	X	Minor surfacing 7'-10' away from borehole from cracks in asphalt toward end of interval
	8/21/2022	10:26	8/21/2022	10:28	12.0	to	14.0	225	200	9.0	1.3	19.5	16.6	1.17	18	5	69	X	Minor surfacing 7'-10' away from borehole from cracks in asphalt toward end of interval
	8/21/2022	10:35	8/21/2022	10:37	14.0	to	16.0	225	225	9.0	1.3	19.5	16.6	1.17	18	5	92		
	8/21/2022	10:48	8/21/2022	10:50	16.0	to	18.0	200	225	9.0	1.3	19.5	16.6	1.17	18	5	115		
										TOTALS	**7**	**98**	**83**	**1.17**	**90**	**25**	**115**		
IP-29	8/21/2022	13:00	8/21/2022	13:02	8.0	to	10.0	250	275	9.0	1.3	19.5	16.6	1.17	18	5	23		
	8/21/2022	13:13	8/21/2022	13:15	10.0	to	12.0	175	200	9.0	1.3	19.5	16.6	1.17	18	5	46		
	8/21/2022	13:25	8/21/2022	13:28	12.0	to	14.0	275	275	6.0	1.3	19.5	16.6	1.17	18	5	69		
	8/21/2022	13:37	8/21/2022	13:39	14.0	to	16.0	250	275	9.0	1.3	19.5	16.6	1.17	18	5	92		
	8/21/2022	13:58	8/21/2022	14:00	16.0	to	18.0	300	275	9.0	1.3	19.5	16.6	1.17	18	5	115		Drill tooling refusal at 17.5'
										TOTALS	**7**	**98**	**83**	**1.17**	**90**	**25**	**115**		
IP-30	8/27/2022	9:40	8/27/2022	9:42	8.0	to	10.0	200	250	9.0	1.3	19.5	16.6	1.17	18	5	23		
	8/27/2022	10:00	8/27/2022	10:02	10.0	to	12.0	300	275	9.0	1.3	19.5	16.6	1.17	18	5	46		
	8/27/2022	10:14	8/27/2022	10:16	12.0	to	14.0	250	250	9.0	1.3	19.5	16.6	1.17	18	5	69		
	8/27/2022	10:23	8/27/2022	10:25	14.0	to	16.0	250	250	9.0	1.3	19.5	16.6	1.17	18	5	92		
	8/27/2022	10:35	8/27/2022	10:37	16.0	to	18.0	225	225	9.0	1.3	19.5	16.6	1.17	18	5	115		Minor leak from loose injetion tooling connection. Tooling tightened during interval.
										TOTALS	**7**	**98**	**83**	**1.17**	**90**	**25**	**115**		
IP-31	8/27/2022	11:18	8/27/2022	11:20	8.0	to	10.0	225	250	9.0	1.3	19.5	16.6	1.17	18	5	23		
	8/27/2022	11:38	8/27/2022	11:40	10.0	to	12.0	225	250	9.0	1.3	19.5	16.6	1.17	18	5	46		
	8/27/2022	11:55	8/27/2022	11:57	12.0	to	14.0	225	225	9.0	1.3	19.5	16.6	1.17	18	5	69		
	8/27/2022	12:15	8/27/2022	12:17	14.0	to	16.0	350	325	9.0	1.3	19.5	16.6	1.17	18	5	92		
	8/27/2022	12:35	8/27/2022	12:45	16.0	to	18.0	475	450	1.8	1.3	19.5	16.6	1.17	18	5	115		
										TOTALS	**7**	**98**	**83**	**1.17**	**90**	**25**	**115**		

Table 9. ISCR Injection Data Summary

Project No. 160324, Maddux North and South, Seattle, Washington

Well ID	Start Date	Start Time	End Date	End time	Injection Interval (ft)			Fracture Pressure (psi)	Sustained Pressure (psi)	Average Flowrate (gpm)	Injection Mix				Solution Injected (gal)	Flush Water Injected (gal)	Total Injected (gal)	Daylighting	Field Notes
											ZVI (gal)	ZVI (lb)	Water (gal)	ZVI (lb) / Water (gal)					
IP-32	8/27/2022	13:10	8/27/2022	13:12	8.0	to	10.0	225	225	9.0	1.3	19.5	16.6	1.17	18	5	23		
	8/27/2022	13:28	8/27/2022	13:30	10.0	to	12.0	250	225	9.0	1.3	19.5	16.6	1.17	18	5	46		
	8/27/2022	13:42	8/27/2022	13:44	12.0	to	14.0	450	350	11.5	1.3	19.5	16.6	1.17	18	5	69		Increased GPM output from this point forward.
	8/27/2022	13:58	8/27/2022	14:00	14.0	to	16.0	350	350	11.5	1.3	19.5	16.6	1.17	18	5	92		
	8/27/2022	14:10	8/27/2022	14:15	16.0	to	17.5	350	350	4.6	1.3	19.5	16.6	1.17	18	5	115		Drill tooling refusal at 17.5'
										TOTALS	**7**	**98**	**83**	**1.17**	**90**	**25**	**115**		
IP-33	8/27/2022	14:42	8/27/2022	14:44	8.0	to	10.0	525	450	11.5	1.3	19.5	16.6	1.17	18	5	23		
	8/27/2022	14:58	8/27/2022	15:00	10.0	to	12.0	450	450	11.5	1.3	19.5	16.6	1.17	18	5	46	X	Upwelling in nearby monitoring well observed at end of interval. Product loss apprx. 4 gallons.Locked out well for next interval
	8/27/2022	15:17	8/27/2022	15:19	12.0	to	14.0	450	450	11.5	1.3	19.5	16.6	1.17	18	5	69	X	Observed cut on monitoring well PVC allowing product to escape. Apprx. 2 gallons. Shut down at end of interval to make repair to well riser.
	8/27/2022	16:03	8/27/2022	16:05	14.0	to	16.0	450	450	11.5	1.3	19.5	16.6	1.17	18	5	92		Drill tooling refusal
	8/27/2022	16:09	8/27/2022	16:11	14.0	to	16.0	450	450	11.5	1.3	19.5	16.6	1.17	18	5	115		Surplus volume injected in lowest achievable depth
										TOTALS	**7**	**98**	**83**	**1.17**	**90**	**25**	**115**		
IP-34	8/28/2022	9:44	8/28/2022	9:46	8.0	to	10.0	350	325	11.5	1.3	19.5	16.6	1.17	18	5	23		
	8/28/2022	9:55	8/28/2022	9:57	10.0	to	12.0	400	425	11.5	1.3	19.5	16.6	1.17	18	5	46		
	8/28/2022	10:10	8/28/2022	10:12	12.0	to	14.0	450	450	11.5	1.3	19.5	16.6	1.17	18	5	69	X	Minor surfacing around observation well monument at end of interval
	8/28/2022	10:29	8/28/2022	10:31	13.0	to	15.0	400	400	11.5	1.3	19.5	16.6	1.17	18	5	92	X	Drill tooling refusal at 15'. Minor surfacing around observation well monument at end of interval
	8/28/2022	10:40	8/28/2022	10:42	13.0	to	15.0	400	400	11.5	1.3	19.5	16.6	1.17	18	5	115		
										TOTALS	**7**	**98**	**83**	**1.17**	**90**	**25**	**115**		
IP-35	8/28/2022	11:16	8/28/2022	11:18	8.0	to	10.0	450	425	11.5	1.3	19.5	16.6	1.17	18	5	23		
	8/28/2022	11:27	8/28/2022	11:29	10.0	to	12.0	425	425	11.5	1.3	19.5	16.6	1.17	18	5	46		
	8/28/2022	11:38	8/28/2022	11:40	12.0	to	14.0	475	500	11.5	1.3	19.5	16.6	1.17	18	5	69		
	8/28/2022	11:47	8/28/2022	11:49	14.0	to	16.0	450	450	11.5	1.3	19.5	16.6	1.17	18	5	92		
	8/28/2022	11:54	8/28/2022	12:01	14.2	to	16.2	650	675	3.3	1.3	19.5	16.6	1.17	18	5	115	X	Drill tooling refusal at 16.2' Minor surfacing from annulus at end of interval (high pressure observed).
										TOTALS	**7**	**98**	**83**	**1.17**	**90**	**25**	**115**		
IP-36	8/28/2022	12:36	8/28/2022	12:38	8.0	to	10.0	350	350	11.5	1.3	19.5	16.6	1.17	18	5	23		
	8/28/2022	12:52	8/28/2022	12:54	10.0	to	12.0	375	375	11.5	1.3	19.5	16.6	1.17	18	5	46		
	8/28/2022	13:04	8/28/2022	13:06	12.0	to	14.0	425	425	11.5	1.3	19.5	16.6	1.17	18	5	69		
	8/28/2022	13:12	8/28/2022	13:14	14.0	to	16.0	425	425	11.5	1.3	19.5	16.6	1.17	18	5	92		
	8/28/2022	13:24	8/28/2022	13:26	14.0	to	16.0	450	450	11.5	1.3	19.5	16.6	1.17	18	5	115		Refusal at 16'
										TOTALS	**7**	**98**	**83**	**1.17**	**90**	**25**	**115**		
IP-37	8/28/2022	14:16	8/28/2022	14:18	8.0	to	10.0	325	350	11.5	1.3	19.5	16.6	1.17	18	5	23		
	8/28/2022	14:23	8/28/2022	14:25	10.0	to	12.0	350	375	11.5	1.3	19.5	16.6	1.17	18	5	46		
	8/28/2022	14:30	8/28/2022	14:32	12.0	to	14.0	450	450	11.5	1.3	19.5	16.6	1.17	18	5	69		
	8/28/2022	14:37	8/28/2022	14:39	14.0	to	16.0	450	450	11.5	1.3	19.5	16.6	1.17	18	5	92		
	8/28/2022	14:46	8/28/2022	14:48	16.0	to	18.0	550	450	11.5	1.3	19.5	16.6	1.17	18	5	115		
										TOTALS	**7**	**98**	**83**	**1.17**	**90**	**25**	**115**		
IP-38	10/23/2022	10:34	10/23/2022	10:35	8.0	to	10.0	150	150	17.1	2.0	30.0	24.0	1.25	26	4	30		
	10/23/2022	10:43	10/23/2022	10:44	10.0	to	12.0	200	200	17.1	2.0	30.0	24.0	1.25	26	4	60		
	10/23/2022	10:49	10/23/2022	10:50	12.0	to	14.0	200	200	17.1	2.0	30.0	24.0	1.25	26	4	90		
	10/23/2022	10:55	10/23/2022	10:56	14.0	to	16.0	200	200	17.1	2.0	30.0	24.0	1.25	26	4	120		
	10/23/2022	11:02	10/23/2022	11:03	15.0	to	17.0	600	175	17.1	2.0	30.0	24.0	1.25	26	4	150		
										TOTALS	**10**	**150**	**120**	**1.25**	**130**	**20**	**150**		
IP-39	10/23/2022	12:20	10/23/2022	12:21	8.0	to	10.0	200	200	17.1	2.0	30.0	24.0	1.25	26	4	30		
	10/23/2022	12:30	10/23/2022	12:31	10.0	to	12.0	175	175	17.1	2.0	30.0	24.0	1.25	26	4	60		
	10/23/2022	12:36	10/23/2022	12:37	12.0	to	14.0	175	175	17.1	2.0	30.0	24.0	1.25	26	4	90		
	10/23/2022	12:47	10/23/2022	12:48	14.0	to	16.0	175	175	17.1	2.0	30.0	24.0	1.25	26	4	120		
	10/23/2022	12:57	10/23/2022	12:58	16.0	to	18.0	175	175	17.1	2.0	30.0	24.0	1.25	26	4	150		
										TOTALS	**10**	**150**	**120**	**1.25**	**130**	**20**	**150**		
IP-40	10/23/2022	11:23	10/23/2022	11:24	8.0	to	10.0	150	150	17.1	2.0	30.0	24.0	1.25	26	4	30		
	10/23/2022	11:33	10/23/2022	11:34	10.0	to	12.0	175	175	17.1	2.0	30.0	24.0	1.25	26	4	60		
	10/23/2022	11:43	10/23/2022	11:44	12.0	to	14.0	575	175	17.1	2.0	30.0	24.0	1.25	26	4	90		
	10/23/2022	11:50	10/23/2022	11:51	14.0	to	16.0	225	225	17.1	2.0	30.0	24.0	1.25	26	4	120		Drill refusal at 16'
	10/23/2022	11:56	10/23/2022	11:57	14.0	to	16.0	225	225	17.1	2.0	30.0	24.0	1.25	26	4	150		Place remaining solution for interval 16-18' at 14-16'
										TOTALS	**10**	**150**	**120**	**1.25**	**130**	**20**	**150**		

Table 9. ISCR Injection Data Summary
Project No. 160324, Maddux North and South, Seattle, Washington

Well ID	Start Date	Start Time	End Date	End time	Injection Interval (ft)			Fracture Pressure (psi)	Sustained Pressure (psi)	Average Flowrate (gpm)	Injection Mix				Solution Injected (gal)	Flush Water Injected (gal)	Total Injected (gal)	Daylighting	Field Notes
											ZVI (gal)	ZVI (lb)	Water (gal)	ZVI (lb) / Water (gal)					
IP-41	10/29/2022	14:16	10/29/2022	14:17	8.0	to	10.0	300	300	17.1	3.8	57.0	22.3	2.56	26	4	30		New batching to include surplus SMZVI for remaining points.(41-43)
	10/29/2022	14:23	10/29/2022	14:24	10.0	to	12.0	300	300	17.1	3.8	57.0	22.3	2.56	26	4	60		
	10/29/2022	14:32	10/29/2022	14:33	12.0	to	14.0	300	300	17.1	3.8	57.0	22.3	2.56	26	4	90		
	10/29/2022	14:37	10/29/2022	14:38	14.0	to	16.0	300	300	17.1	3.8	57.0	22.3	2.56	26	4	120		
	10/29/2022	14:54	10/29/2022	14:55	15.0	to	17.0	250	250	17.1	3.8	57.0	22.3	2.56	26	4	150		Drill refusal at 17'
										TOTALS	**19**	**285**	**112**	**2.56**	**130**	**20**	**150**		
IP-42	10/29/2022	15:34	10/29/2022	15:35	8.0	to	10.0	375	375	17.1	3.8	57.0	22.3	2.56	26	4	30		
	10/29/2022	15:51	10/29/2022	15:52	10.0	to	12.0	375	375	17.1	3.8	57.0	22.3	2.56	26	4	60		
	10/29/2022	15:57	10/29/2022	15:58	12.0	to	14.0	375	375	17.1	3.8	57.0	22.3	2.56	26	4	90		
	10/29/2022	16:03	10/29/2022	16:04	14.0	to	16.0	375	375	17.1	3.8	57.0	22.3	2.56	26	4	120		
	10/29/2022	16:14	10/29/2022	16:15	16.0	to	18.0	400	400	17.1	3.8	57.0	22.3	2.56	26	4	150		Drill refusal at 17'
										TOTALS	**19**	**285**	**112**	**2.56**	**130**	**20**	**150**		
IP-43	10/29/2022	16:55	10/29/2022	16:58	8.0	to	10.0	400	400	17.2	7.5	112.5	44.5	2.53	52	4	56		Combined volume from two planned locations at this location due to city requirements on borehole spacing.
	10/29/2022	17:05	10/29/2022	17:08	10.0	to	12.0	400	400	17.2	7.5	112.5	44.5	2.53	52	4	112		
	10/29/2022	17:12	10/29/2022	17:15	12.0	to	14.0	350	350	17.2	7.5	112.5	44.5	2.53	52	4	168		
	10/29/2022	17:18	10/29/2022	17:21	14.0	to	16.0	375	375	17.2	7.5	112.5	44.5	2.53	52	4	224		
	10/29/2022	17:23	10/29/2022	17:26	15.0	to	17.0	375	375	17.2	7.5	112.5	44.5	2.53	52	4	280		Drill refusal at 17'
										TOTALS	**38**	**563**	**223**	**2.53**	**260**	**20**	**280**		
IP-44	10/30/2022	9:38	10/30/2022	9:39	8.0	to	10.0	400	400	17.7	2.9	43.5	24.0	1.81	27	4	31		New batching to account for remaining SMZVI (44-46)
	10/30/2022	9:48	10/30/2022	9:49	10.0	to	12.0	350	350	17.7	2.9	43.5	24.0	1.81	27	4	62		
	10/30/2022	9:54	10/30/2022	9:55	12.0	to	14.0	350	350	17.7	2.9	43.5	24.0	1.81	27	4	93		
	10/30/2022	10:01	10/30/2022	10:02	14.0	to	16.0	350	350	17.7	2.9	43.5	24.0	1.81	27	4	124		
	10/30/2022	10:11	10/30/2022	10:12	16.0	to	18.0	400	400	17.7	2.9	43.5	24.0	1.81	27	4	155		
										TOTALS	**15**	**218**	**120**	**1.81**	**135**	**20**	**155**		
IP-45	10/30/2022	11:10	10/30/2022	11:11	8.0	to	10.0	350	350	17.7	2.9	43.5	24.0	1.81	27	4	31		
	10/30/2022	11:17	10/30/2022	11:18	10.0	to	12.0	375	375	17.7	2.9	43.5	24.0	1.81	27	4	62		
	10/30/2022	11:22	10/30/2022	11:23	12.0	to	14.0	375	375	17.7	2.9	43.5	24.0	1.81	27	4	93		
	10/30/2022	11:28	10/30/2022	11:29	14.0	to	16.0	375	375	17.7	2.9	43.5	24.0	1.81	27	4	124		
	10/30/2022	11:37	10/30/2022	11:38	16.0	to	18.0	375	375	17.7	2.9	43.5	24.0	1.81	27	4	155		
										TOTALS	**15**	**218**	**120**	**1.81**	**135**	**20**	**155**		
IP-46	10/30/2022	12:07	10/30/2022	12:08	8.0	to	10.0	200	200	17.7	2.9	43.5	24.0	1.81	27	4	31		
	10/30/2022	12:14	10/30/2022	12:15	10.0	to	12.0	225	225	17.7	2.9	43.5	24.0	1.81	27	4	62		
	10/30/2022	12:20	10/30/2022	12:21	12.0	to	14.0	225	225	17.7	2.9	43.5	24.0	1.81	27	4	93		
	10/30/2022	12:29	10/30/2022	12:30	14.0	to	16.0	225	225	17.7	2.9	43.5	24.0	1.81	27	4	124	X	Minor surfacing observed 4' away from point (asphalt crack)
	10/30/2022	12:47	10/30/2022	12:48	16.0	to	18.0	250	250	17.7	2.9	43.5	24.0	1.81	27	4	155	X	Minor surfacing observed 4' away from point (asphalt crack) - End of interval.
										TOTALS	**15**	**218**	**120**	**1.81**	**135**	**20**	**155**		

McClellan Injections Summary	Average Fracture Pressure (psi)	Average Sustained Pressure (psi)	Average Flowrate (gpm)	Total ZVI Injected (gal)	Total ZVI Injected (lb)	Total Water Injected (gal)	Average Injection ZVI (lb)/ Water (gal)	Total Solution Injected (gal)	Total Flush Water injected (gal)	Total volume injected
	294	**286**	**13.3**	**280**	**4200**	**2808**	**1.42**	**3095**	**610**	**11,115**

Notes: gal = gallons; gpm = gallons per minute; lbs. = pounds; psi = pounds per square inch;

Table 10. Groundwater Elevation Data

Project No. 160324, Maddux North and South, Seattle, Washington

Well	TOC Elevation (ft NAVD88)	Date	Measured Depth to Water (ft below TOC)	Water Level Elevation (ft NAVD88)
AMW-01 (Decommissioned)	77.55	11/27/2017	9.14	68.41
AMW-02 (Decommissioned)	72.48	11/27/2017	6.71	65.77
		8/24/2018	8.39	64.09
AMW-03	78.38	11/27/2017	7.74	70.64
		8/22/2018	9.01	69.37
		12/29/2020	4.42	73.96
		3/26/2021	6.30	72.08
		6/16/2021	6.73	71.65
		1/25/2022	8.50	69.88
		6/7/2022	6.39	71.99
		12/27/2022	5.35	73.03
AMW-04 (Decommissioned)	64.21	11/29/2017	10.46	53.75
		8/27/2018	13.84	50.37
AMW-05 (Decommissioned)	63.83	11/29/2017	10.76	53.07
		8/22/2018	12.94	50.89
AMW-06	74.96	11/28/2017	9.16	65.80
		8/22/2018	9.83	65.13
		12/30/2020	9.25	65.71
		3/26/2021	9.00	65.96
		6/16/2021	9.21	65.75
		1/25/2022	9.02	65.94
		6/7/2022	9.16	65.80
		12/27/2022	8.65	66.31
AMW-07	75.36	11/28/2017	11.38	63.98
		8/20/2018	12.08	63.28
		12/29/2020	11.05	64.31
		6/16/2021	11.27	64.09
		1/25/2022	11.98	63.38
		6/7/2022	11.17	64.19
		12/27/2022	10.59	64.77
AMW-08	63.69	11/28/2017	12.87	50.82
		8/20/2018	13.60	50.09
		12/29/2020	8.16	55.53
		6/16/2021	15.69	48.00
		6/7/2022	12.12	51.57
		12/27/2022	10.81	52.88
AMW-09	56.5	11/27/2017	8.62	47.88
		8/21/2018	9.62	46.88
		12/30/2020	8.67	47.83
		6/16/2021	9.08	47.42
		6/7/2022	8.89	47.61
		12/27/2022	8.40	48.10
AMW-10 (Decommissioned)	67.08	11/27/2017	7.13	59.95
		8/24/2018	8.94	58.14
AMW-11	55.17	11/28/2017	10.92	44.25
		8/23/2018	11.24	43.93
		12/30/2020	9.58	45.59
		6/16/2021	10.44	44.73
		6/7/2022	9.98	45.19
		12/27/2022	9.50	45.67
AMW-12 (Decommissioned)	60.33	11/29/2017	11.14	49.19
		8/21/2018	12.74	47.59
AMW-13 (Decommissioned)	62.7	11/29/2017	12.73	49.97
		8/27/2018	15.16	47.54
AMW-14	56.85	11/28/2017	11.70	45.15
		8/23/2018	13.19	43.66
		12/29/2020	10.78	46.07
		6/16/2021	12.39	44.46
		6/7/2022	11.90	44.95
		12/27/2022	10.80	46.05
AMW-15	55.78	11/28/2017	9.51	46.27
		8/23/2018	10.02	45.76
		12/30/2020	9.56	46.22
		6/16/2021	9.63	46.15
		6/7/2022	9.56	46.22
		12/27/2022	9.48	46.30
AMW-16	58.11	8/23/2018	11.81	46.30
		12/29/2020	13.89	44.22
		6/16/2021	13.49	44.62
		6/7/2022	13.28	44.83
		12/27/2022	12.71	45.40
AMW-17	58.79	8/23/2018	12.38	46.41
		12/30/2020	11.97	46.82
		6/17/2021	11.08	47.71
		6/7/2022	12.53	46.26
		12/27/2022	11.97	46.82

Table 10. Groundwater Elevation Data

Project No. 160324, Maddux North and South, Seattle, Washington

Well	TOC Elevation (ft NAVD88)	Date	Measured Depth to Water (ft below TOC)	Water Level Elevation (ft NAVD88)
AMW-18	54.07	8/23/2018	10.48	43.59
		12/29/2020	9.67	44.40
		6/16/2021	10.07	44.00
		6/7/2022	9.51	44.56
		12/27/2022	9.56	44.51
AMW-19	65.01	8/24/2018	9.24	55.77
		12/31/2020	8.93	56.08
		3/26/2021	9.24	55.77
		6/16/2021	9.00	56.01
		1/25/2022	8.50	56.51
		6/7/2022	8.09	56.92
		12/27/2022	7.02	57.99
AMW-20	59.9	8/22/2018	12.64	47.26
		8/24/2018	8.39	51.51
		12/29/2020	8.80	51.10
		6/16/2021	9.38	50.52
		6/7/2022	9.15	50.75
		12/27/2022	8.62	51.28
AMW-21 (Decommissioned)	77.7	7/31/2019	3.31	74.39
AMW-22	53.26	4/1/2019	1.75	51.51
		12/29/2020	0.65	52.61
		6/16/2021	1.25	52.01
		6/7/2022	1.40	51.86
		12/27/2022	0.70	52.56
AMW-23	53.36	7/31/2019	8.67	44.69
		12/30/2020	7.77	45.59
		6/16/2021	7.75	45.61
		6/7/2022	7.48	45.88
		12/27/2022	7.46	45.90
AMW-24	72.08	4/1/2019	14.56	57.52
		12/30/2020	15.79	56.29
		6/16/2021	15.73	56.35
		1/25/2022	14.95	57.13
		6/7/2022	15.19	56.89
		12/27/2022	14.69	57.39
AMW-25	69.92	1/25/2021	6.04	63.88
		3/26/2021	5.64	64.28
		6/16/2021	9.55	60.37
		1/25/2022	8.50	61.42
		6/7/2022	8.68	61.24
		12/27/2022	7.23	62.69
HC-MW-1	67.23	11/27/2017	8.02	59.21
		8/27/2018	9.84	57.39
		12/31/2020	8.91	58.32
		3/26/2021	9.26	57.97
		6/17/2021	10.08	57.15
		1/25/2022	8.65	58.58
		6/7/2022[a]	--	--
		12/27/2022[a]	--	--
HC-MW-02	74.82	11/27/2017	8.14	66.68
		8/27/2018	9.14	65.68
		12/31/2020	7.96	66.86
		3/26/2021	7.95	66.87
		6/17/2021	8.60	66.22
		1/25/2022	8.03	66.79
		6/7/2022	8.15	66.67
		12/27/2022	7.75	67.07
HC-MW-03 (Decommissioned)	78.19	12/30/2020	6.52	71.67
		1/25/2021	6.24	71.95
		3/26/2021	6.15	72.04
		11/27/2017	6.33	71.86
		8/24/2018	7.68	70.51
		6/16/2021	6.64	71.55
		1/25/2022	6.16	72.03
		6/7/2022	6.25	71.94
		12/27/2022	4.63	73.56
HC-MW-04	87.74	11/27/2017	9.50	78.24
		8/24/2018	12.21	75.53
		12/29/2020	9.51	78.23
		6/16/2021	8.85	78.89
		1/25/2022	9.82	77.92
		6/7/2022	9.20	78.54
		12/27/2022	8.45	79.29

Table 10. Groundwater Elevation Data

Project No. 160324, Maddux North and South, Seattle, Washington

Well	TOC Elevation (ft NAVD88)	Date	Measured Depth to Water (ft below TOC)	Water Level Elevation (ft NAVD88)
HC-MW-05	72.54	11/27/2017	5.54	67
		8/24/2018	7.59	64.95
		12/31/2020	11.41	61.13
		1/25/2021	11.63	60.91
		3/26/2021	11.70	60.84
		6/16/2021	11.74	60.8
		1/25/2022	10.70	61.84
		6/7/2022	11.81	60.73
	72.07[b]	12/27/2022	7.30	64.77
HC-MW-06	62.92	11/28/2017	6.52	56.4
		8/22/2018	8.35	54.57
		12/30/2020	5.30	57.62
		6/16/2021	6.60	56.32
		6/7/2022	4.00	58.92
		12/27/2022	2.02	60.9
HC-MW-07	63.59	11/27/2017	6.11	57.48
		8/22/2018	7.56	56.03
		12/30/2020	5.50	58.09
		6/16/2021	6.14	57.45
		6/7/2022	5.00	58.59
		12/27/2022	3.23	60.36
MW-01 (Decommissioned)	62.6	11/29/2017	9.92	52.68
		8/24/2018	12.93	49.67
MW-02 (Decommissioned)	60.78	11/28/2017	10.19	50.59
		8/21/2018	12.45	48.33
MW-03 (Decommissioned)	61.87	11/28/2017	10.04	51.83
		8/22/2018	12.44	49.43
MW-04 (Decommissioned)	62.98	11/29/2017	10.30	52.68
		8/22/2018	12.86	50.12
MW-05	61.86	11/29/2017	10.11	51.75
		8/22/2018	12.51	49.35
		12/29/2020	10.55	51.31
		6/16/2021	11.19	50.67
		6/7/2022	10.99	50.87
		12/27/2022	9.05	52.81
MW-06	58.28	11/28/2017	11.72	46.56
		8/22/2018	12.40	45.88
		12/29/2020	11.99	46.29
		6/16/2021	11.90	46.38
		6/7/2022	11.93	46.35
		12/27/2022	11.64	46.64
MW-07	57.13	11/28/2017	10.68	46.45
		8/22/2018	11.27	45.86
		12/30/2020	10.78	46.35
		6/16/2021	10.85	46.28
		6/7/2022	10.83	46.3
		12/27/2022	10.62	46.51
MW-08 (Decommissioned)	61.82	11/29/2017	9.80	52.02
		8/22/2018	12.74	49.08
MW-09 (Decommissioned)	62.83	11/29/2017	12.62	50.21
		8/27/2018	15.01	47.82
MW-10	59.23	11/28/2017	11.06	48.17
		8/23/2018	13.48	45.75
		12/29/2020	9.80	49.43
		6/16/2021	9.38	49.85
		6/7/2022	10.36	48.87
		12/27/2022	8.88	50.35
MW-11 (Decommissioned)	68.17	11/29/2017	9.94	58.23
		8/22/2018	11.58	56.59
MW-12 (Decommissioned)	61.51	11/29/2017	9.98	51.53
		8/22/2018	12.41	49.1
MW-13 (Decommissioned)	65.54	11/29/2017	9.20	56.34
		8/27/2018	10.83	54.71

Notes

TOC - Top of casing

ft - feet

NAVD88 - North American Vertical Datum of 1988

a - HC-MW-01 was covered during the June and December 2022 sampling events

b - The PVC casing for HC-MW-05 was cut down several inches prior to the December 2022 sampling event

Table 11. Groundwater TPH Analytical Data (2017–2022)

Project No. 160324, Maddux North and South, Seattle, Washington

Analyte Group			Field Parameters						BTEX				TPH		
Analyte			Temperature	Specific Conductance	Dissolved Oxygen	pH	Oxidation Reduction Potential	Turbidity	Benzene	Toluene	Ethylbenzene	Total Xylenes	Gasoline Range Organics (TPHg)	Diesel Range Organics (TPHd)	Motor Oil Range Organics (TPHo)
Unit			°C	µS/cm	mg/L	pH units	mV	NTU	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Site Groundwater Cleanup Levels									5	1000	700	1000	800	500	500
Location	Sample	Date													
COMPLIANCE MONITORING WELLS															
AMW-16	AMW-16-082318	08/23/2018	18.5	1613	0.19	6.4	8.1	4.91	< 1 U	< 1 U	< 1 U	< 3 U	< 100 U	**290 X**	< 250 U
	AMW-16-122920	12/29/2020	14.8	1929	0.28	6.74	-74.3	8.9	< 1.00 U	< 1.00 U	< 1.00 U	< 1 U	< 50.0 U	< 49.4 U	**401**
	AMW-16-061621	06/16/2021	16.4	1146	0.16	6.6	-75.6	2.35	< 0.440 U	< 0.750 U	< 0.400 U	< 1 U	< 50.0 U	< 98.8 U	**715**
	AMW-16-20220608	06/08/2022	14.4	996	0.41	6.42	-94.8	2.78	< 0.44 U	< 0.75 U	< 0.4 U	< 1 U	< 50 U	**667 X**	< 94.8 U
	AMW-16-20221228	12/28/2022	15.94	1382.7	0.14	6.64	-90.6	7.46	< 0.440 U	< 1.00 U	< 0.400 U	< 1 U	< 50.0 U	**426 X**	< 95.1 U
AMW-17	AMW-17-082318	08/23/2018	19.5	614	0.15	6.31	-48.1	--	**8.4**	**2.1**	< 1 U	**5.1**	**160**	**250 X**	< 250 U
	AMW-17-123020	12/30/2020	16.1	495.8	0.82	7.1	-42.1	3.5	**1.82**	< 1.00 U	< 1.00 U	**5.88**	**564**	**147 X**	**122**
	AMW-17-061721	06/17/2021	17	647	0.07	6.39	-55.3	12.3	**1.50**	**0.979**	< 0.400 U	**4.95**	**277**	**202**	**132**
	AMW-17-20220608	06/08/2022	15.7	272.9	0.42	6.53	-82.4	1.87	< 0.44 U	< 0.75 U	< 0.4 U	< 1 U	**238**	**581 X**	< 92.4 U
	AMW-17-20221229	12/29/2022	16.24	493.96	0.13	6.73	-58	2.14	< 0.440 U	< 1.00 U	< 0.400 U	< 1 U	**177**	**394**	< 93.2 U
AMW-20	AMW-20-082218	08/22/2018	17.3	501.8	0.12	6.64	-39.4	3.09	**5.4**	**3.9**	< 1 U	**7.1**	**540**	**360 X**	< 250 U
	AMW-20-122920	12/29/2020	12.3	814	2.47	7.84	-4.3	7.73	< 1.00 U	< 1.00 U	< 1.00 U	< 1 U	< 50.0 U	< 49.1 U	**543**
	AMW-20-061721	06/17/2021	15.7	801	0.86	7.48	48.3	1.96	< 0.440 U	< 0.750 U	< 0.400 U	< 1 U	< 50.0 U	< 99.7 U	**550**
	AMW-20-20220609	06/09/2022	14.1	669	1.01	7.41	60.4	1.42	< 0.44 U	< 0.75 U	< 0.4 U	< 1 U	< 50 U	< 92.3 U	**409**
	AMW-20-20221227	12/27/2022	13.34	885.06	1.26	7.56	107.6	0.86	< 0.440 U	< 1.00 U	< 0.400 U	< 1 U	**57.5**	**266 X**	< 96.9 U
MW-05	MW-5-112917	11/28/2017	15.8	304.9	1.93	6.53	17.6	2.32	< 1 U	**3.1**	**1.4**	< 3 U	**500**	**140 X**	< 250 U
	MW-05-082218	08/22/2018	19.5	460.7	1.42	6.16	101.7	15.4	**2.8**	< 1 U	**12**	**8.8**	**3400**	**1300 X**	< 250 U
	MW-5-061721	06/17/2021	15.7	321.2	1.06	6.57	35.3	5	< 0.440 U	< 0.750 U	< 0.400 U	< 1 U	**440**	**134**	< 98.3 U
	MW-5-20220608	06/08/2022	14.1	520	2.43	6.6	-10.8	4	< 0.44 U	< 0.75 U	< 0.4 U	< 1 U	**77.1**	< 93 U	**167**
MW-06	MW-06-112817	11/28/2017	15.7	923	0.46	6.62	-110.6	144	< 1 U	< 1 U	< 1 U	< 3 U	< 100 U	**61 X**	< 250 U
	MW-6-082218	08/22/2018	19.3	883	0.11	6.68	-103.4	5.75	< 1 U	< 1 U	< 1 U	< 3 U	< 100 U	**53 X**	< 250 U
	MW-6-122920	12/29/2020	15.4	1032	0.18	6.87	-106.1	8.94	< 1.00 U	< 1.00 U	< 1.00 U	< 1 U	< 50.0 U	< 49.6 U	< 99.1 U
	MW-6-061721	06/17/2021	16.4	864	0.18	6.59	-32.6	12.4	< 0.440 U	< 0.750 U	< 0.400 U	< 1 U	**85.1**	< 99.3 U	**190**
	MW-6-20220607	06/07/2022	17	803	3.6	6.7	-66.2	10.3	< 0.44 U	< 0.75 U	< 0.4 U	< 1 U	< 50 U	**348 U**	< 93.2 U
	MW-6-20221228	12/28/2022	13.95	965.31	0.18	6.8	-121.4	8.93	< 0.440 U	< 1.00 U	< 0.400 U	< 1 U	< 50.0 U	**238 X**	< 95.7 U
MW-10	MW-10-112817	11/28/2017	16.3	851	0.49	6.38	-24.6	9.1	**4.6**	**6.7**	< 1 U	**11**	**1000**	**570 X**	< 250 U
	AMW-10-082318	08/23/2018	16.8	2156	0.15	6.46	-109.6	--	< 1 U	< 1 U	< 1 U	< 3 U	**120**	**260 X**	< 250 U
	MW-10-122920	12/29/2020	15.2	1441	0.18	6.78	-75.4	9.56	**1.69**	< 1.00 U	< 1.00 U	**3.21**	**448**	**140 X**	**123**
	MW-10-061621	06/16/2021	16.8	1210	0.2	6.67	-101.8	8.22	**0.793**	< 0.750 U	< 0.400 U	< 1 U	**160**	< 99.4 U	**484**
	MW-10-20220607	06/07/2022	15.8	1655	4.3	6.68	-56.3	10.1	**0.894**	< 0.75 U	< 0.4 U	< 1 U	**122**	**528 X**	< 92.4 U
	MW-10-20221228	12/28/2022	15.85	1038.8	0.17	6.7	-103.1	2.95	**1.53**	< 1.00 U	< 0.400 U	< 1 U	**167**	**675 X**	< 92.4 U

Notes

Bold - detected

Blue Shaded - Detected result or nondetected Reporting Limit (RL) exceeded screening level

U - Analyte not detected at or above RL shown

J - Result value estimated

X - Chromatographic pattern does not match fuel standard used for quantitation

XJ - Chromatographic pattern does not match fuel standard used for quantitation, and Result value estimated.

TPH - Total Petroleum Hydrocarbons

BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes

°C - degrees Celsius

µS/cm - microsiemens per centimeter

mg/L - milligrams per liter

mV - millivolts

NTU - Nephelometric Turbidity Units

µg/L - micrograms per liter

--' - Not analyzed

* - Limited groundwater was present in well, therefore field parameters were not representative of groundwater and are not shown

Table 12. Groundwater cVOC and MNA Analytical Data (2017–2022)

Project No. 160324, Maddux North and South, Seattle, Washington

Analyte Group			Field Parameters						cVOCs				Dissolved Gases			Anions				Other		
Analyte			Temperature	Specific Conductance	Dissolved Oxygen	pH	Oxidation Reduction Potential	Turbidity	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cDCE)	Vinyl Chloride	Methane	Ethane	Ethylene	Chloride	Nitrate as Nitrogen	Nitrite as Nitrogen	Sulfate	Alkalinity, Total	Iron	Total Organic Carbon
Unit			°C	µS/cm	mg/L	pH units	mV	NTU	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L
Site Groundwater Cleanup Levels									5	5	16	0.2										
Location	Sample Name	Date																				
AMW-01 (Decommissioned)	AMW-1-032417	03/24/2017							**1500**	**1.8**	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-01-112717	11/27/2017							**1100**	**1.4**	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
AMW-02 (Decommissioned)	AMW-02-112717	11/27/2017	16.9	365.6	4.73	7.04	94.7	7.41	**1800**	**58**	**58**	**0.21**	--	--	--	--	--	--	--	--	--	--
	AMW-02-082418	08/24/2018	18.7	413.2	0.4	6.62	43.5	2	**2100**	**68**	**72**	< 10 U	--	--	--	--	--	--	--	--	--	--
AMW-03	AMW-03-112717	11/27/2017	15.7	319	5.85	7.15	94.2	24	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-03-082218	08/22/2018	21.3	312.4	51.4	6.71	95.7	42.8	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-03-122920	12/29/2020	13	344.5	4.42	6.84	56.2	10.6	< 1.00 U	< 0.500 U	< 1.00 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-3-20210326	03/26/2021	12.7	345	6.95	6.91	103.7	53.6	< 0.400 U	< 0.500 U	< 0.500 U	< 0.350 U	--	--	--	--	--	--	--	--	--	--
	AMW-3-061721	06/17/2021	18.2	335.2	2.94	6.94	75.5	17.1	< 0.400 U	< 0.500 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-03-012522	01/25/2022	11.6	366.1	4.99	6.9	31.3	5.31	< 0.400 U	< 0.500 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-3-20220608	06/08/2022	16.4	291.3	4.35	6.77	44	6.37	< 0.4 U	< 0.5 U	< 0.5 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-03-20221227	12/27/2022	12.06	363.6	5.67	7.13	131.6	78.43	< 0.350 U	< 0.400 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
AMW-04 (Decommissioned)	AMW-04-20171129	11/29/2017	14.4	459.8	0.55	6.36	22.9	16	**110**	**18**	**45**	**8**	--	--	--	--	--	--	--	--	--	--
	AMW-04-082718	08/27/2018	15.1	575.4	1.97	6.58	12.8	96.8	**210**	**36**	**68**	**6.5**	--	--	--	--	--	--	--	--	--	--
	GW-120418-NT-AMW-4	12/04/2018							**153**	**40.2**	**88.7**	**11.1**	--	--	--	--	--	--	--	--	--	--
AMW-05 (Decommissioned)	AMW-05-112917	11/29/2017	16.1	366.8	2.61	6.73	26.6	3.58	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-05-082218	08/22/2018	18.2	798	0.26	6.22	107.7	2.69	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	GW-120418-NT-AMW-5	12/04/2018							< 1 U	< 0.4 U	< 1 U	**0.0414**	--	--	--	--	--	--	--	--	--	--
AMW-06	AMW-06-112817	11/28/2017	14	333	1.86	6.91	22.9	7.04	**4.2**	**1.3**	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-06-082218	08/22/2018	17.6	362.6	2.23	6.29	79.3	0.32	**3**	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-6-123020	12/30/2020	14.1	388.2	0.31	6.55	61.7	12.6	**22.6**	**2.31**	**1.04**	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-6-20210326	03/26/2021	12.8	401	3.64	6.89	-3.1	15.2	**9.15**	**1.14**	< 0.500 U	< 0.350 U	--	--	--	--	--	--	--	--	--	--
	AMW-6-061821	06/18/2021	15.7	343	2.83	6.75	34.8	4.39	**4.71**	**1.18**	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-06-012522	01/25/2022	12.6	470.7	2.94	4.47	-104.5	7.2	**4.13**	**1.15**	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-06-20220608	06/08/2022	14.6	168.9	3.99	6.6	78.6	8.84	**4.93**	**1.07**	< 0.5 U	< 0.2 U	< 0.00675 U	< 0.0151 U	< 0.0146 U	**34.2**	**1.51**	< 1 U	**26.5**	**126**	< 100 U	**0.988**
	AMW-06-20221228	12/28/2022	12.5	389.24	4.98	6.84	19	33.75	**3.64**	**0.978**	< 0.500 U	< 0.200 U	< 0.00675 U	< 0.0151 U	< 0.0146 U	**54.0**	**1.66**	< 1.20 U	**28.0**	**124**	< 250 U	**0.951**
AMW-07	AMW-07-112817	11/28/2017	15	385.2	3.47	6.88	45.8	2.95	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-07-082018	08/20/2018	17.8	319.4	4.91	6.67	71.2	1.32	< 1.0 U	< 1.0 U	< 1.0 U	< 0.20 U	--	--	--	--	--	--	--	--	--	--
	AMW-07-122920	12/29/2020	14.9	537.4	2.79	6.6	51.7	10.5	< 1.00 U	**0.587**	< 1.00 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-7-061621	06/16/2021	16.8	564.3	3.43	6.66	93.3	1.56	**0.625**	< 0.500 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-7-20220607	06/07/2022	15.6	488.5	38.6	6.61	29	2.37	**0.767**	**0.602**	< 0.5 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-07-20221227	12/27/2022	14.06	593.23	3.35	6.79	131.3	0	**0.810**	**0.565**	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
AMW-08	AMW-08-112817	11/28/2017	13.9	404.3	3.23	8.33	83.8	4.35	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-08-082018	08/20/2018	16.2	423.6	0.59	6.82	83.4	2.85	< 1.0 U	< 1.0 U	< 1.0 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-08-122920	12/29/2020	13.2	278.3	4.87	6.01	33.4	11.3	< 1.00 U	< 0.500 U	< 1.00 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-8-061621	06/16/2021	15.5	414.5	1.07	6.69	85.3	1.26	< 0.400 U	< 0.500 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-8-20220607	06/07/2022	13.9	382.6	10.8	6.76	46.7	2.64	< 0.4 U	< 0.5 U	< 0.5 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-08-20221227	12/27/2022	13.46	442.69	0.3	7.2	131.3	0	< 0.350 U	< 0.400 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
AMW-09	AMW-09-112717	11/27/2017	17.2	797	0.3	6.76	-30.5	7.85	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-09-082118	08/21/2018	19.4	952	0.26	6.54	0.3	1.72	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-09-123020	12/30/2020	12.1	817	0.98	6.43	51.2	10.3	< 1.00 U	< 0.500 U	< 1.00 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-9-061721	06/17/2021	15.8	864	0.23	6.35	21.1	0	< 0.400 U	< 0.500 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-9-20220607	06/07/2022	16.2	759	4.3	6.66	-42.7	3.64	< 0.4 U	< 0.5 U	< 0.5 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-09-20221227	12/27/2022	16.79	776.59	0.13	6.73	-86.9	0.28	< 0.350 U	< 0.400 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
AMW-10 (Decommissioned)	AMW-10-112717	11/27/2017	15.7	389.7	1.49	6.52	106.3	16.7	**310**	**25**	**31**	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-10-082418	08/24/2018	17.5	312.6	0.45	6.35	64.6	1	**650**	**52**	**69**	< 2 U	--	--	--	--	--	--	--	--	--	--
AMW-11	AMW-11-112817	11/28/2017	16.3	786	0.39	6.71	-98.4	9.92	< 1 U	< 1 U	< 1 U	**0.22**	--	--	--	--	--	--	--	--	--	--
	AMW-11-082318	08/23/2018	16.9	1035	0.11	6.59	-106.5	--	< 1 U	< 1 U	< 1 U	**0.24**	--	--	--	--	--	--	--	--	--	--
	AMW-11-123020	12/30/2020	13	686	0.32	7.68	-129	2.88	< 1.00 U	< 0.500 U	< 1.00 U	**0.920**	--	--	--	--	--	--	--	--	--	--
	AMW-11-061621	06/16/2021	15.7	465.1	0.22	6.9	-62.8	1.81	< 0.400 U	< 0.500 U	**0.738**	**1.94**	--	--	--	--	--	--	--	--	--	--
	AMW-11-20220608	06/08/2022	13.7	1182	1.71	6.82	-125.8	1.65	< 0.4 U	< 0.5 U	**0.565**	**1.20**	--	--	--	--	--	--	--	--	--	--
	AMW-11-20221229	12/29/2022	14.06	839	0.15	7.02	-91.2	2.73	< 0.350 U	< 0.400 U	< 0.500 U	**0.854**	--	--	--	--	--	--	--	--	--	--
AMW-12 (Decommissioned)	AMW-12-112917	11/29/2017	15.5	393.8	0.1	6.54	16.3	7.17	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-12-082118	08/21/2018	16.6	460.2	0.29	6.48	57.6	5.03	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
AMW-13 (Decommissioned)	AMW-13-20171129	11/29/2017	14.1	450.8	5	6.45	82.5	67.1	**20**	**59**	**110**	**15**	--	--	--	--	--	--	--	--	--	--
	AMW-13-082718	08/27/2018	15.2	512.7	0.21	6.45	23.3	2.81	**93**	**41**	**84**	**7.6**	--	--	--	--	--	--	--	--	--	--

Table 12. Groundwater cVOC and MNA Analytical Data (2017–2022)

Project No. 160324, Maddux North and South, Seattle, Washington

Analyte Group			Field Parameters						cVOCs				Dissolved Gases			Anions				Other		
Analyte			Temperature	Specific Conductance	Dissolved Oxygen	pH	Oxidation Reduction Potential	Turbidity	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cDCE)	Vinyl Chloride	Methane	Ethane	Ethylene	Chloride	Nitrate as Nitrogen	Nitrite as Nitrogen	Sulfate	Alkalinity, Total	Iron	Total Organic Carbon
Unit			°C	µS/cm	mg/L	pH units	mV	NTU	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L
Site Groundwater Cleanup Levels									5	5	16	0.2										
Location	Sample Name	Date																				
AMW-14	AMW-14-112817	11/28/2017	15.9	1052	0.48	6.63	-96.4	7.4	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-14-082318	08/23/2018	17.1	1142	0.23	5.56	-91.9	1.46	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-14-122920	12/29/2020	13.9	1138	0.66	7	-100.1	2.19	< 1.00 U	< 0.500 U	< 1.00 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-14-061621	06/16/2021	17.4	594	0.17	6.89	-87.1	2.47	< 0.400 U	< 0.500 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-14-20220608	06/08/2022	13.8	446.4	0.42	6.68	-105.8	1.55	< 0.4 U	< 0.5 U	< 0.5 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-14-20221228	12/28/2022	15	822.87	0.35	6.95	-115	9.65	< 0.350 U	< 0.400 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
AMW-15	AMW-15-112817	11/28/2017	16.7	567.3	0.32	6.97	-128	11.6	< 1 U	< 1 U	**1.4**	**4.1**	--	--	--	--	--	--	--	--	--	--
	AMW-15-082318	08/23/2018	19.6	484.1	0.11	6.65	-115.6	--	**1**	**4.6**	**6.1**	**2.8**	--	--	--	--	--	--	--	--	--	--
	AMW-15-123020	12/30/2020	14.8	711	0.44	7.69	-131.6	8.24	< 1.00 U	< 0.500 U	**1.63**	**6.06**	--	--	--	--	--	--	--	--	--	--
	AMW-15-061621	06/16/2021	16.7	471.8	0.23	7	-82.3	2.85	< 0.400 U	< 0.500 U	**1.74**	**6.01**	--	--	--	--	--	--	--	--	--	--
	AMW-15-20220608	06/08/2022	14.8	341.9	0.44	6.96	-125.9	3.74	< 0.4 U	< 0.5 U	**0.893**	**4.04**	--	--	--	--	--	--	--	--	--	--
	AMW-15-20221229	12/29/2022	15.66	562.55	0.32	7.13	-101.3	2.87	< 0.350 U	< 0.400 U	**1.01**	**5.02**	--	--	--	--	--	--	--	--	--	--
AMW-16	AMW-16-082318	08/23/2018	18.5	1613	0.19	6.4	8.1	4.91	< 1 U	< 1 U	**2.8**	**1.9**	--	--	--	--	--	--	--	--	--	--
	AMW-16-122920	12/29/2020	14.8	1929	0.28	6.74	-74.3	8.9	< 1.00 U	< 0.500 U	< 1.00 U	**1.40**	--	--	--	--	--	--	--	--	--	--
	AMW-16-061621	06/16/2021	16.4	1146	0.16	6.6	-75.6	2.35	< 0.400 U	< 0.500 U	**0.558**	**0.833**	--	--	--	--	--	--	--	--	--	--
	AMW-16-20220608	06/08/2022	14.4	996	0.41	6.42	-94.8	2.78	< 0.4 U	< 0.5 U	**0.515**	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-16-20221228	12/28/2022	15.94	1382.7	0.14	6.64	-90.6	7.46	< 0.350 U	< 0.400 U	**0.522**	**1.19**	--	--	--	--	--	--	--	--	--	--
AMW-17	AMW-17-082318	08/23/2018	19.5	614	0.15	6.31	-48.1	--	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-17-123020	12/30/2020	16.1	495.8	0.82	7.1	-42.1	3.5	< 1.00 U	< 0.500 U	< 1.00 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-17-061721	06/17/2021	17	647	0.07	6.39	-55.3	12.3	< 0.400 U	< 0.500 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-17-20220608	06/08/2022	15.7	272.9	0.42	6.53	-82.4	1.87	**1.60**	< 0.5 U	< 0.5 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-17-20221229	12/29/2022	16.24	493.96	0.13	6.73	-58	2.14	< 0.350 U	< 0.400 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
AMW-18	AMW-18-082318	08/23/2018	18.4	1098	0.14	6.59	-114.9	--	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-18-122920	12/29/2020	14.8	1197	0.35	6.98	-101.3	3.53	< 1.00 U	< 0.500 U	< 1.00 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-18-061621	06/16/2021	16.3	735	0.31	6.68	-17.3	2.29	< 0.400 U	< 0.500 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-18-20220608	06/08/2022	14.8	2122	1.66	6.53	-114.5	1.95	< 0.4 U	< 0.5 U	< 0.5 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-18-20221228	12/28/2022	15.76	706.78	0.18	6.87	-104.7	3.76	< 0.350 U	< 0.400 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
AMW-19	AMW-19-082418	08/24/2018	19.6	1087	0.25	6.61	36.3	2.85	**12**	**3.6**	**14**	**1.1**	--	--	--	--	--	--	--	--	--	--
	AMW-19-123120	12/31/2020	14	1101	0.34	7.25	-87.5	0.57	**2.39**	**3.91**	**28.2**	**4.18**	--	--	--	--	--	--	--	--	--	--
	AMW-19-20210326	03/26/2021	13.1	1298	0.18	6.69	-28.2	21	**1.03**	**0.609**	**10.1**	**1.90**	--	--	--	--	--	--	--	--	--	--
	AMW-19-061821	06/18/2021	16.1	1129	0.14	6.57	-75.7	28.3	**2.06**	**1.22**	**17.0**	**3.43**	--	--	--	--	--	--	--	--	--	--
	AMW-19-012522	01/25/2022	12.5	859	0.24	6.37	-341.9	17	**29.2**	**34.2**	**119**	**11.4**	--	--	--	--	--	--	--	--	--	--
	AMW-19-20220607	06/07/2022	14.4	2360	1.7	6.42	-71.5	3.71	**13.9**	**12.1**	**49.1**	**6.74**	**2.16**	**0.0175**	< 0.0146 U	**207**	**15.2**	< 1 U	**21.9**	**219**	**8,340**	**5.00**
	AMW-19-20221228	12/28/2022	12.68	703.15	0.1	6.57	37.1	28.81	**43.2**	**23.6**	**13.1**	**14.3**	**0.247**	< 0.0151 U	< 0.0146 U	**106**	< 2.00 U	< 2.40 U	**34.3**	**285**	**882**	**4.80**
AMW-20	AMW-20-082218	08/22/2018	17.3	501.8	0.12	6.64	-39.4	3.09	< 1 U	< 1 U	< 1 U	**0.32**	--	--	--	--	--	--	--	--	--	--
	AMW-20-122920	12/29/2020	12.3	814	2.47	7.84	-4.3	7.73	**4.10**	< 0.500 U	< 1.00 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-20-061721	06/17/2021	15.7	801	0.86	7.48	48.3	1.96	**4.52**	**0.637**	**1.05**	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-20-20220609	06/09/2022	14.1	669	1.01	7.41	60.4	1.42	**7.87**	**2.39 J**	**4.00**	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-20-20221227	12/27/2022	13.34	885.06	1.26	7.56	107.6	0.86	**7.84**	**3.52**	**4.92**	< 0.200 U	--	--	--	--	--	--	--	--	--	--
AMW-21 (Decommissioned)	AMW-21-073119	07/31/2019	18.5	521	1.09	7.39	54.5	0.02	**97000**	**100**	**3.3**	< 0.2 U	--	--	--	--	--	--	--	--	--	--
AMW-22	AMW-22-040119	04/01/2019	11	612.5	0.97	6.59	-33.1	135	< 1 U	< 1 U	**2.7**	**5.3**	--	--	--	--	--	--	--	--	--	--
	AMW-22-122920	12/29/2020	11.2	421.3	0.63	6.18	63.3	11.7	< 1.00 U	< 0.500 U	< 1.00 U	**1.19**	--	--	--	--	--	--	--	--	--	--
	AMW-22-061621	06/16/2021	15.5	554.7	0.18	6.38	10.9	4.45	< 0.400 U	< 0.500 U	**0.762**	**1.36**	--	--	--	--	--	--	--	--	--	--
	AMW-22-20220607	06/07/2022	14.3	978	1.73	6.24	-71.7	12.5	< 0.4 U	< 0.5 U	< 0.5 U	**0.985**	--	--	--	--	--	--	--	--	--	--
	AMW-22-20221228	12/28/2022	11.28	360.86	1.27	6.47	26	14.3	< 0.350 U	< 0.400 U	< 0.500 U	**0.974**	--	--	--	--	--	--	--	--	--	--
AMW-23	AMW-23-073119	07/31/2019	18.4	1127	0.12	6.82	-74.7	5.11	**1.2**	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-23-123020	12/30/2020	13.7	1229	0.23	7.42	-60.9	16.4	< 1.00 U	< 0.500 U	< 1.00 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-23-061721	06/17/2021	17.1	1363	0.09	6.74	-80	117	< 0.400 U	< 0.500 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-23-20220608	06/08/2022	15.8	570	0.42	6.64	-56.5	44.3	< 0.4 U	< 0.5 U	< 0.5 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-23-20221228	12/28/2022	14.77	849.69	0.22	6.93	-93.4	5.05	< 0.350 U	< 0.400 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
AMW-24	AMW-24-040119	04/01/2019	15.4	2098	6.62	7.25	49.4	5.05	**510**	**24**	**9.4**	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-24-123020	12/30/2020	14.1	768	0.57	6.26	51.8	20.3	**461**	**17.0**	**6.15**	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-24-061621	06/16/2021	15.6	665	3.06	6.58	66.7	8.54	**366**	**12.8**	**4.06**	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-24-012522	01/25/2022	13.6	661	2.48	6.37	-215.6	8.86	**308**	**6.20**	**2.01**	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-24-20220608	06/08/2022	14.8	448.2	3.41	6.15	52.2	5.17	**355 J**	**12.6**	**3.60**	< 0.2 U	< 0.00675 U	< 0.0151 U	< 0.0146 U	**76.1**	**4.19**	< 1 U	**22.0**	**134**	< 100 U	**1.39**
	AMW-24-20221229	12/29/2022	13.87	389.14	2.94	6.42	194.1	2.26	**238 E**	**25.5**	**6.94**	< 0.200 U	< 0.00675 U	< 0.0151 U	< 0.0146 U	**86.2**	**3.89**	< 0.240 U	**23.8**	**138**	< 250 U	**1.33**

Table 12. Groundwater cVOC and MNA Analytical Data (2017–2022)

Project No. 160324, Maddux North and South, Seattle, Washington

Analyte Group			Field Parameters						cVOCs				Dissolved Gases			Anions				Other		
Analyte			Temperature	Specific Conductance	Dissolved Oxygen	pH	Oxidation Reduction Potential	Turbidity	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cDCE)	Vinyl Chloride	Methane	Ethane	Ethylene	Chloride	Nitrate as Nitrogen	Nitrite as Nitrogen	Sulfate	Alkalinity, Total	Iron	Total Organic Carbon
Unit			°C	µS/cm	mg/L	pH units	mV	NTU	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L
Site Groundwater Cleanup Levels									5	5	16	0.2										
Location	Sample Name	Date																				
AMW-25	AMW-25-012521	01/25/2021	8.4	503.7	4.95	7.84	98.8	4.86	< 1.00 U	< 0.500 U	< 1.00 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-25-20210326	03/26/2021	11.6	555	8.55	7.68	-6.2	21.1	< 0.400 U	< 0.500 U	< 0.500 U	< 0.350 U	--	--	--	--	--	--	--	--	--	--
	AMW-25-061621	06/16/2021	15.9	483.6	0.6	7.72	43.5	35.2	< 0.400 U	< 0.500 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	AMW-25-012522	01/25/2022	11.9	1099	0.43	7.38	29.9	4.96	< 0.400 U	< 0.500 U	**12.9**	**3.46**	--	--	--	--	--	--	--	--	--	--
	AMW-25-20220608	06/08/2022	12.6	506.7	3.83	7.46	78.3	109	< 0.4 U	< 0.5 U	**58.4**	**3.65**	**0.00963**	< 0.0151 U	< 0.0146 U	**27.7**	< 1 U	< 1 U	**131**	**347**	**102**	**1.53**
	AMW-25-20221227	12/27/2022	14.81	1051.4	0.57	7.86	124.6	7.91	< 0.350 U	< 0.400 U	**65.6**	**1.97**	**0.0484**	< 0.0151 U	< 0.0146 U	**31.1**	< 2.00 U	< 2.40 U	**281**	**334**	< 250 U	**1.63**
HC-MW-01	HC-MW-1-112717	11/27/2017	16.7	626	0.12	6.64	-12	5.6	**240**	**37**	**47**	**7.7**	--	--	--	--	--	--	--	--	--	--
	HC-MW-01-082718	08/27/2018	18.9	732	0.23	6.34	54.2	2.32	**210**	**28**	**55**	**12**	--	--	--	--	--	--	--	--	--	--
	HC-MW-1-123120	12/31/2020	15.3	1047	0.33	7.29	-51.1	9.73	**104**	**24.4**	**114**	**42.3**	--	--	--	--	--	--	--	--	--	--
	HC-MW-1-20210326	03/26/2021	13.3	1292	0.18	6.74	52.6	4.97	**20.1**	**13.7**	**53.4**	**17.0**	--	--	--	--	--	--	--	--	--	--
	HC-MW-1-061721	06/17/2021	16.2	1145	0.15	6.43	23.1	0	**29.4**	**14.2**	**79.5**	**35.7**	--	--	--	--	--	--	--	--	--	--
	HC-MW-01-012522	01/25/2022	13.2	1347	0.2	6.61	-26.1	2.73	**9.47**	**9.86**	**28.1**	**13.7**	--	--	--	--	--	--	--	--	--	--
HC-MW-02	HC-MW-2-112717	11/27/2017	16.8	407.9	0.11	7.34	19.1	2.06	**1100**	**69**	**28**	**0.75**	--	--	--	--	--	--	--	--	--	--
	HC-MW-02-082718	08/27/2018	18.8	497.2	0.23	6.97	67.4	0.47	**990**	**66**	**28**	**0.82**	--	--	--	--	--	--	--	--	--	--
	HC-MW-2-123120	12/31/2020	15.1	454.1	2.45	7.02	68.9	30.5	**377**	**38.5**	**15.1**	**1.25**	--	--	--	--	--	--	--	--	--	--
	HC-MW-2-20210326	03/26/2021	13.3	508	0.13	7.42	16.1	19.8	**230**	**22.7**	**8.14**	**0.460**	--	--	--	--	--	--	--	--	--	--
	HC-MW-2-061721	06/17/2021	16.8	506.2	0.1	7.3	34	19	**139**	**24.2**	**9.20**	**0.867**	--	--	--	--	--	--	--	--	--	--
	HC-MW-02-012522	01/25/2022	13.2	654	0.22	7.32	-64.4	12	**169**	**13.5**	**7.13**	**0.865**	--	--	--	--	--	--	--	--	--	--
	HCMW-2-20220607	06/07/2022	15	1183	1.59	7.26	-84.9	18.9	**102**	**12.8**	**7.41**	**0.912**	**0.0195**	< 0.0151 U	< 0.0146 U	**82.5**	< 1 U	< 1 U	**29.4**	**204**	**178**	**1.78**
	HC-MW-2-20221229	12/29/2022	15.39	460.2	0.12	7.51	-27.6	80.8	< 0.350 U	< 0.400 U	**1.06**	**5.38**	< 0.00675 U	< 0.0151 U	< 0.0146 U	**68.7**	< 0.200 U	< 0.240 U	**31.9**	**193**	< 250 U	**1.34**
HC-MW-03 (Decommissioned)	HC-MW-3-112717	11/27/2017	15.1	250.9	2.93	7.16	90.5	27.2	**18**	**1.2**	**1.1**	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-3-082418	08/24/2018	19	448.9	0.64	6.8	62.9	3	**16**	**2.5**	**1.2**	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-3-123020	12/30/2020	13.4	373.1	0.36	6.89	59	48.7	**38.1**	**4.62**	**3.74**	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-3-012521	01/25/2021	12.8	756	0.12	7.1	-177.2	10	< 1.00 U	< 0.500 U	**1.21**	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-3-20210326	03/26/2021	11.9	631	0.17	6.8	-82.9	19.2	< 0.400 U	< 0.500 U	**3.08**	< 0.350 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-3-061821	06/18/2021	15.7	354.2	0.19	7.11	-160.1	4.35	< 0.400 U	< 0.500 U	**10.0**	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-03-012522	01/25/2022	11.3	646.1	0.19	6.92	-91.4	7.38	< 0.400 U	< 0.500 U	**1.04**	**4.31**	--	--	--	--	--	--	--	--	--	--
	HCMW-3-20220609	06/09/2022	13.8	819	1.62	6.72	-57.6	23.3	< 0.4 U	< 0.5 U	**1.89**	**4.33**	**1.41**	< 0.0151 U	< 0.0146 U	**36.9**	**1.00**	< 1 U	**46.0**	**149**	**6,270**	**1.19**
	HC-MW-3-20221228	12/28/2022	12.2	961.54	0.39	7.17	-32.2	75.89	< 0.350 U	< 0.400 U	< 0.500 U	< 0.200 U	< 0.00675 U	< 0.0151 U	< 0.0146 U	**250**	< 2.00 U	< 2.40 U	**49.5**	**117**	**1,530**	**1.46**
HC-MW-04	HC-MW-4-112717	11/27/2017	15.6	516.2	0.24	7.23	106.1	10.3	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-4-082418	08/24/2018	16	406.2	0.18	7.71	57.3	1.5	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-4-122920	12/29/2020	14.5	401.2	0.29	7.52	63	10.3	< 1.00 U	< 0.500 U	< 1.00 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-4-061621	06/16/2021	14.9	277.9	0.3	6.76	64.7	0.01	< 0.400 U	< 0.500 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	HCMW-4-20220607	06/07/2022	15.1	793	1.7	7.1	-1.3	2.94	< 0.4 U	< 0.5 U	< 0.5 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-4-20221228	12/28/2022	13.47	564.47	0.17	6.88	151.6	18.75	< 0.350 U	< 0.400 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
HC-MW-05	HC-MW-5-112717	11/27/2017	16.9	307.2	1.17	6.47	101.4	6.86	**3400**	**16**	**8**	**0.38**	--	--	--	--	--	--	--	--	--	--
	HC-MW-5-082418	08/24/2018	20	301.4	1.14	6.4	49.8	1.7	**5600**	< 50 U	< 50 U	< 10 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-5-123120	12/31/2020	14.2	402.3	1.63	6.61	64.9	10.3	**1,270**	**14.5**	**7.20**	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-5-012521	01/25/2021	12.6	358.6	1.03	6.81	51.5	12.2	**1,360**	**17.0**	**8.04**	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-5-20210326	03/26/2021	12.7	414	1.25	6.97	-22.1	8.71	**1,210**	**19.1**	**12.6**	< 0.350 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-5-061821	06/18/2021	15.6	432	0.41	6.52	-2.2	0	**1,140**	**31.0**	**18.3**	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-05-012522	01/25/2022	12.7	723	1.31	6.4	-256.9	5.06	**461**	**6.93**	**11.2**	< 4.00 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-5-20220608	06/08/2022	15	589.5	2.88	6.22	62.6	6.7	**420**	**9.35**	**9.93**	< 0.2 U	< 0.00675 U	< 0.0151 U	< 0.0146 U	**127**	**1.19**	< 1 U	**40.5**	**124**	< 100 U	**1.07**
	HC-MW-5-20221228	12/28/2022	13.09	1797.2	0.13	6.93	-132.4	33.28	**3.37**	< 0.400 U	**12.1**	**20.9**	**0.979**	**0.0166**	< 0.0146 U	**109 J**	< 20.0 U	< 24.0 U	< 120 U	**624**	**266,000**	**610**
HC-MW-06	HC-MW-6-112817	11/28/2017	15	550.9	0.16	6.71	37.3	10.9	< 1 U	< 1 U	**2.4**	**0.85**	--	--	--	--	--	--	--	--	--	--
	HC-MW-06-082218	08/22/2018	17.7	530.2	0.39	6.44	56.6	5.8	< 1 U	< 1 U	**13**	**3.5**	--	--	--	--	--	--	--	--	--	--
	HC-MW-6-123020	12/30/2020	13.1	754	1.56	6.31	71.4	147	< 1.00 U	< 0.500 U	< 1.00 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-6-061721	06/17/2021	16.4	674	0.66	6.46	79.6	28.2	< 0.400 U	< 0.500 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-6-20220608	06/08/2022	13.2	437.6	0.39	6.66	25.4	24.1	**19.0**	**3.56**	**51.2**	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-6-20221228	12/28/2022	9.75	486.1	0.16	7.1	-12.5	2.93	< 0.350 U	**1.24**	**11.6**	**9.02**	--	--	--	--	--	--	--	--	--	--
HC-MW-07	HC-MW-7-112717	11/27/2017	15.1	643	0.12	6.45	-44.8	21.2	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-07-082218	08/22/2018	17.7	627	0.12	6.3	-65.4	7.34	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-7-122920	12/29/2020	13.6	651	0.26	6.38	44	47	< 1.00 U	< 0.500 U	< 1.00 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-7-061621	06/16/2021	15.6	481.1	0.24	6.76	-79.2	2.35	**1.20**	< 0.500 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-7-20220608	06/08/2022	13.4	438	0.44	6.32	-16.3	17.8	< 0.4 U	< 0.5 U	**1.04**	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	HC-MW-7-20221229	12/29/2022	12.01	334.03	0.05	6.6	-25	41.66	< 0.350 U	< 0.400 U	**0.573**	< 0.200 U	--	--	--	--	--	--	--	--	--	--

Table 12. Groundwater cVOC and MNA Analytical Data (2017–2022)

Project No. 160324, Maddux North and South, Seattle, Washington

Analyte Group			Field Parameters						cVOCs				Dissolved Gases			Anions				Other		
Analyte			Temperature	Specific Conductance	Dissolved Oxygen	pH	Oxidation Reduction Potential	Turbidity	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cDCE)	Vinyl Chloride	Methane	Ethane	Ethylene	Chloride	Nitrate as Nitrogen	Nitrite as Nitrogen	Sulfate	Alkalinity, Total	Iron	Total Organic Carbon
Unit			°C	µS/cm	mg/L	pH units	mV	NTU	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L
Site Groundwater Cleanup Levels									5	5	16	0.2										
Location	Sample Name	Date																				
MW-01 (Decommissioned)	MW-1-20171129	11/29/2017	14.3	423.2	0.44	6.38	46.3	45.7	**3.2**	**4.1**	**16**	**2**	--	--	--	--	--	--	--	--	--	--
	MW-1-082418	08/24/2018	16.6	514.7	0.36	6.55	24.5	7	**1.1**	**1.6**	**19**	**5.3**	--	--	--	--	--	--	--	--	--	--
	GW-120518-NT-MW-1	12/05/2018							**3.4**	**4.2**	**25.9**	**8.26**	--	--	--	--	--	--	--	--	--	--
MW-02 (Decommissioned)	MW-2-112817	11/28/2017	15.3	340.9	0.13	6.68	-28.3	13.5	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	MW-2-082118	08/21/2018	17.9	420.4	0.13	6.55	-15.7	12.7	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
MW-03 (Decommissioned)	MW-3-112817	11/28/2017	15.6	272.5	1.27	6.65	13.7	5.26	< 1 U	< 1 U	< 1 U	**0.26**	--	--	--	--	--	--	--	--	--	--
	MW-3-082218	08/22/2018	17.1	375.2	0.22	6.24	39.5	2.26	< 1 U	< 1 U	**2.3**	**0.84**	--	--	--	--	--	--	--	--	--	--
MW-04 (Decommissioned)	MW-4-112917	11/29/2017	15.8	499.8	0.08	6.69	-57.2	12.3	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	MW-4-082218	08/22/2018	17	520.5	0.11	6.57	-72.8	5.47	< 1 U	< 1 U	< 1 U	**0.34**	--	--	--	--	--	--	--	--	--	--
MW-05	MW-5-112917	11/28/2017	15.8	304.9	1.93	6.53	17.6	2.32	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	MW-05-082218	08/22/2018	19.5	460.7	1.42	6.16	101.7	15.4	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	MW-5-122920	12/29/2020	11.7	336	2.03	6.67	-0.3	7.87	< 1.00 U	< 0.500 U	< 1.00 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	MW-5-061721	06/17/2021	15.7	321.2	1.06	6.57	35.3	5	**0.909**	< 0.500 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	MW-5-20220608	06/08/2022	14.1	520	2.43	6.6	-10.8	4	**0.409**	< 0.5 U	**0.581**	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	MW-5-20221227	12/27/2022	13.77	381.72	6.5	6.97	98.2	30.85	**0.411**	< 0.400 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
MW-06	MW-06-112817	11/28/2017	15.7	923	0.46	6.62	-110.6	144	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	MW-6-082218	08/22/2018	19.3	883	0.11	6.68	-103.4	5.75	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	MW-6-122920	12/29/2020	15.4	1032	0.18	6.87	-106.1	8.94	< 1.00 U	< 0.500 U	< 1.00 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	MW-6-061721	06/17/2021	16.4	864	0.18	6.59	-32.6	12.4	< 0.400 U	< 0.500 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	MW-6-20220607	06/07/2022	17	803	3.6	6.7	-66.2	10.3	< 0.4 U	< 0.5 U	< 0.5 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	MW-6-20221228	12/28/2022	13.95	965.31	0.18	6.8	-121.4	8.93	< 0.350 U	< 0.400 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
MW-07	MW-07-112817	11/28/2017	16.8	404.9	0.42	6.57	-74	14	< 1 U	**1.2**	**15**	**2.5**	--	--	--	--	--	--	--	--	--	--
	MW-7-082218	08/22/2018	18.8	435.3	0.18	6.36	72.2	1.1	< 1 U	**2.2**	**14**	**2.1**	--	--	--	--	--	--	--	--	--	--
	MW-7-123020	12/30/2020	14.7	456.1	0.5	7.26	-80.4	16.4	< 1.00 U	**1.05**	**16.2**	**2.62**	--	--	--	--	--	--	--	--	--	--
	MW-7-061721	06/17/2021	17.8	739	2.32	6.64	-21.5	13.4	< 0.400 U	< 0.500 U	**12.7**	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	MW-7-20220608	06/08/2022	16	208.8	0.39	6.62	-63.3	12.2	< 0.4 U	**0.682**	**13.5**	**2.69**	--	--	--	--	--	--	--	--	--	--
	MW-7-20221229	12/29/2022	15.14	530.71	0.13	6.81	-76.1	17.56	< 0.350 U	< 0.400 U	**1.75**	**0.810**	--	--	--	--	--	--	--	--	--	--
MW-08 (Decommissioned)	MW-8-20171129	11/29/2017	17	398.8	0.09	6.41	-54.6	5.53	< 1 U	< 1 U	< 1 U	**0.21**	--	--	--	--	--	--	--	--	--	--
	MW-8-082218	08/22/2018	14.8	480.3	0.41	6.3	28.5	13.7	< 1 U	< 1 U	**1.2**	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	GW-120518-NT-MW-8	12/05/2018							< 2 U	< 0.8 U	< 2 U	**0.307**	--	--	--	--	--	--	--	--	--	--
MW-09 (Decommissioned)	MW-9-20171129	11/29/2017	14.1	455.3	1.02	6.36	86.6	6.18	**69**	**45**	**54**	**11**	--	--	--	--	--	--	--	--	--	--
	MW-09-082718	08/27/2018	14.9	520.8	0.3	6.48	12.1	5.08	**110**	**43**	**86**	**7.3**	--	--	--	--	--	--	--	--	--	--
	GW-120518-NT-MW-9	12/05/2018							**29.4**	**25.6**	**75.4**	**6.59**	--	--	--	--	--	--	--	--	--	--
MW-10	MW-10-112817	11/28/2017	16.3	851	0.49	6.38	-24.6	9.1	< 1 U	< 1 U	< 1 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	AMW-10-082318	08/23/2018	16.8	2156	0.15	6.46	-109.6	--	< 1 U	< 1 U	< 1 U	**0.34**	--	--	--	--	--	--	--	--	--	--
	MW-10-122920	12/29/2020	15.2	1441	0.18	6.78	-75.4	9.56	< 1.00 U	< 0.500 U	< 1.00 U	**1.30**	--	--	--	--	--	--	--	--	--	--
	MW-10-061621	06/16/2021	16.8	1210	0.2	6.67	-101.8	8.22	< 0.400 U	< 0.500 U	< 0.500 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	MW-10-20220607	06/07/2022	15.8	1655	4.3	6.68	-56.3	10.1	< 0.4 U	< 0.5 U	< 0.5 U	< 0.2 U	--	--	--	--	--	--	--	--	--	--
	MW-10-20221228	12/28/2022	15.85	1038.8	0.17	6.7	-103.1	2.95	< 0.350 U	< 0.400 U	< 0.500 U	**0.334**	--	--	--	--	--	--	--	--	--	--

Notes

Bold - detected

Blue Shaded - Detected result or nondetected Reporting Limit (RL) exceeded screening level

U - Analyte not detected at or above RL shown

J - Result value estimated

X - Chromatographic pattern does not match fuel standard used for quantitation

XJ - Chromatographic pattern does not match fuel standard used for quantitation, and Result value estimated.

cVOCs - Chlorinated Volatile Organic Compounds

°C - degrees Celsius

µS/cm - microsiemens per centimeter

mg/L - milligrams per liter

mV - millivolts

NTU - Nephelometric Turbidity Units

µg/L - micrograms per liter

--' - Not analyzed

Table 13. Soil Gas Analytical Data (June and December 2022)

Project No. 160324, Maddux North and South, Seattle, Washington

Analyte Group			TPH	BTEX				PAHs	VOCs						Other
Analyte			Total Petroleum Hydrocarbons	Benzene	Toluene	Ethylbenzene	Total Xylenes	Naphthalene	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene (cDCE)	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Helium
Unit			µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m3	µg/m3	µg/m^3	%
MBHA Maddux Buildings Subslab Soil Gas Screening Level*			**7500***	**55**					**1600**	**55**					
Location	**Sample**	**Date**													
ASG-01	ASG-01-20220609	06/09/2022	--	--	--	--	--	--	< 33 U	**2.2**	**12**	< 1.9 U	< 1.9 U	< 1.2 U	< 0.6 U
	ASG-1-20221229	12/29/2022	--	--	--	--	--	--	**30.5**	**8.97**	**47.5**	**2.66**	< 0.0868 U	< 0.791 U	< 0.300 U
ASG-02	ASG-02-20220609	06/09/2022	--	--	--	--	--	--	< 58 U	< 0.92 U	< 3.4 U	< 3.4 U	< 3.4 U	< 2.2 U	< 0.6 U
	ASG-2-20221229	12/29/2022	--	--	--	--	--	--	**9.14**	**2.17**	**9.32**	**0.681**	< 0.0868 U	< 0.791 U	< 0.400 U
ASG-03	ASG-03-20220609	06/09/2022	--	--	--	--	--	--	< 64 U	**2.1**	**21**	< 3.7 U	< 3.7 U	< 2.4 U	< 0.6 U
	ASG-3-20221229	12/29/2022	--	--	--	--	--	--	**46.5**	**6.58**	**36.2**	**1.63**	< 0.0868 U	< 0.791 U	< 0.300 U
ASG-04	ASG-04-20220609	06/09/2022	**544**	**3.8**	< 110 U	**4.1**	**20.7**	< 1.6 U	< 41 U	< 0.64 U	< 2.4 U	< 2.4 U	< 2.4 U	< 1.5 U	< 0.6 U
	ASG-4-20221229	12/29/2022	**1412**	< 1.28 U	**18.1**	< 7.82 U	**17.7**	**0.946**	**166**	**18.1**	**2.94**	**0.617**	< 0.0868 U	< 0.791 U	< 0.400 U
ASG-05	ASG-05-20220609	06/09/2022	**670**	< 2.8 U	< 170 U	**4.7**	**22.9**	< 2.3 U	< 60 U	**1.2**	< 3.5 U	< 3.5 U	< 3.5 U	< 2.3 U	< 0.6 U
	ASG-5-20221229	12/29/2022	**529**	< 1.28 U	**15.0**	< 7.82 U	**14.03**	**1.41**	**10.1**	**2.06**	**0.774**	< 0.391 U	< 0.0868 U	< 0.791 U	< 0.400 U

Notes:

Bold - detected

U - Analyte not detected at or above RL shown

*The listed screening level is 5x Model Toxics Control Act (MTCA) Method B Subslab Screening Level as prescribed in the Compliance Monitoring Plan.

BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes

PAHs - Polycyclic Aromatic Hydrocarbons

VOCs - Volatile Organic Compounds

µg/m^3 - micrograms per cubic meter

--' - Not analyzed

FIGURES

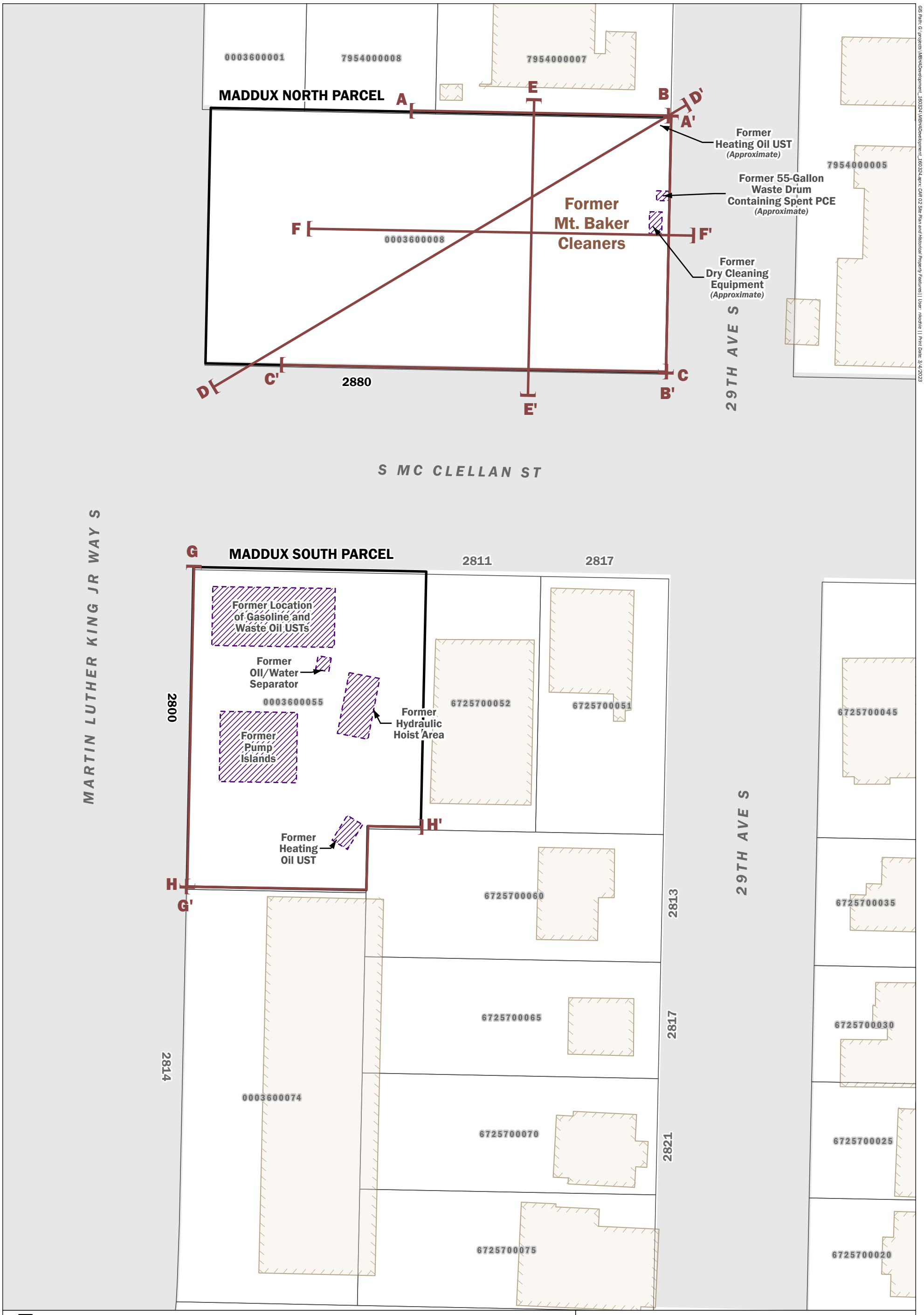
Site Location Map

Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect CONSULTING	MAR-2023	BY: MWC / AWP / NLK	FIGURE NO. 1
	PROJECT NO. 160324	REVISED BY: ---/---	

GIS Path: G:\projects\MBHADevelopment_160324\MBHADevelopment_160324.aprx; CAR 01 Site Location Map | | User: - nlochle | | Print Date: 3/4/2023

Data source credits: None | | Basemap Service Layer Credits: City of Seattle, King County, WA State Parks GIS, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, Esri, NASA, NGA, USGS, FEMA, Esri, CGIAR, USGS, City of Seattle, King County, WA State Parks GIS, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri, HERE, Garmin, USGS, EPA, NPS



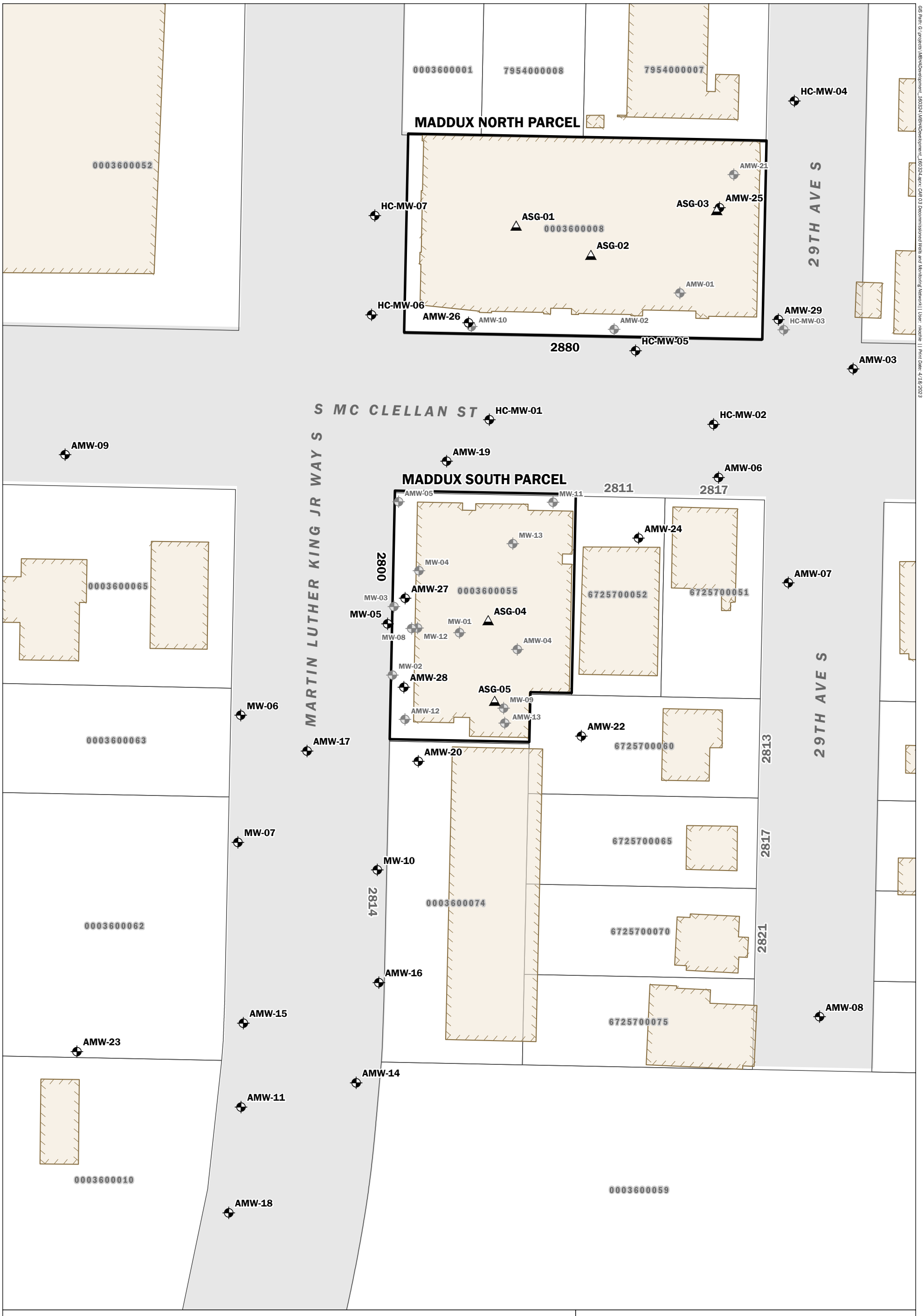
Site Plan and Historical Property Features

Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect Consulting	MAR-2023	BY: MWC / AWP / NLK	FIGURE NO. 2
	PROJECT NO. 160324	REVISED BY: ---/---	

Data source credits: None || Basemap Service Layer Credits: NA

GIS Path: G:\projects\MBHADevelopment_160324\MBHADevelopment_160324_aprx: CAP 02 Site Plan and Historical Property Features || User: nkotrlie || Print Date: 3/4/2023



Decommissioned Wells and Monitoring Network

Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect Consulting	APR-2023	BY: MWC / AWP / NLK	FIGURE NO. 3
	PROJECT NO. 160324	REVISED BY: ---/---	

Data source credits: None || Basemap Service Layer Credits: NA

GIS Path: G:\projects\MBHADevelopment_160324\MBHADevelopment_160324.aprx; CAP 03 Decommissioned Wells and Monitoring Network | | User: nkothe | | Print Date: 4/18/2023

GIS Path: G:\projects\MBHADevelopment_160324\MBHADevelopment_160324.aprx: CAP 04 Matrix North - UST Sample Results || User: nkoehle || Print Date: 4/14/2023

7954000007

ESW-UST-1

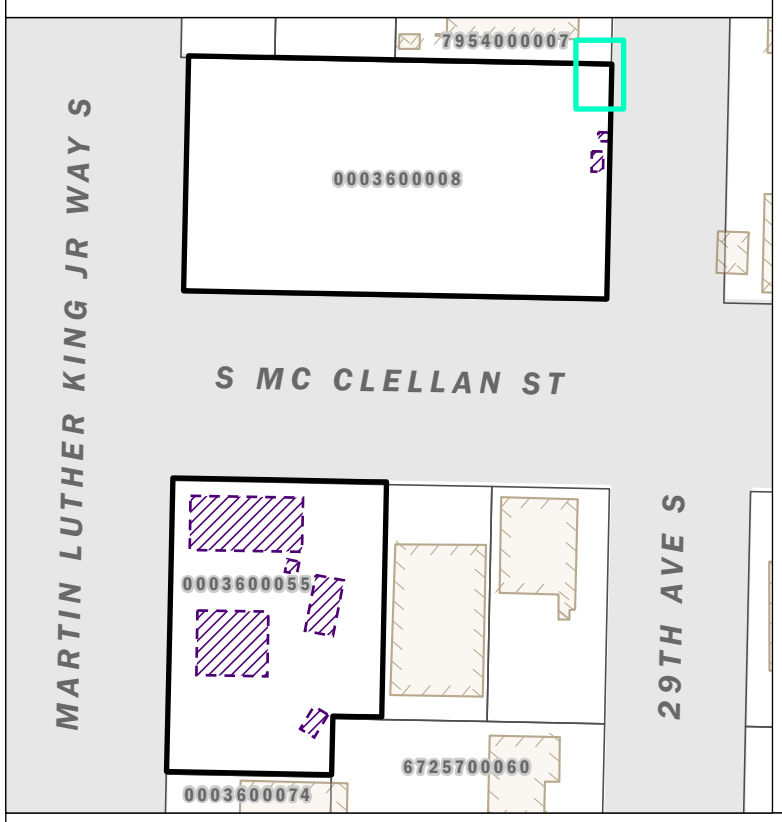
B-UST-1

NSW-UST-1

Former Heating
Oil UST
(Approximate)

0003600008

LOCATOR MAP



Soil Sample

Subject Property

Historic Property Feature

Tax Parcel

N

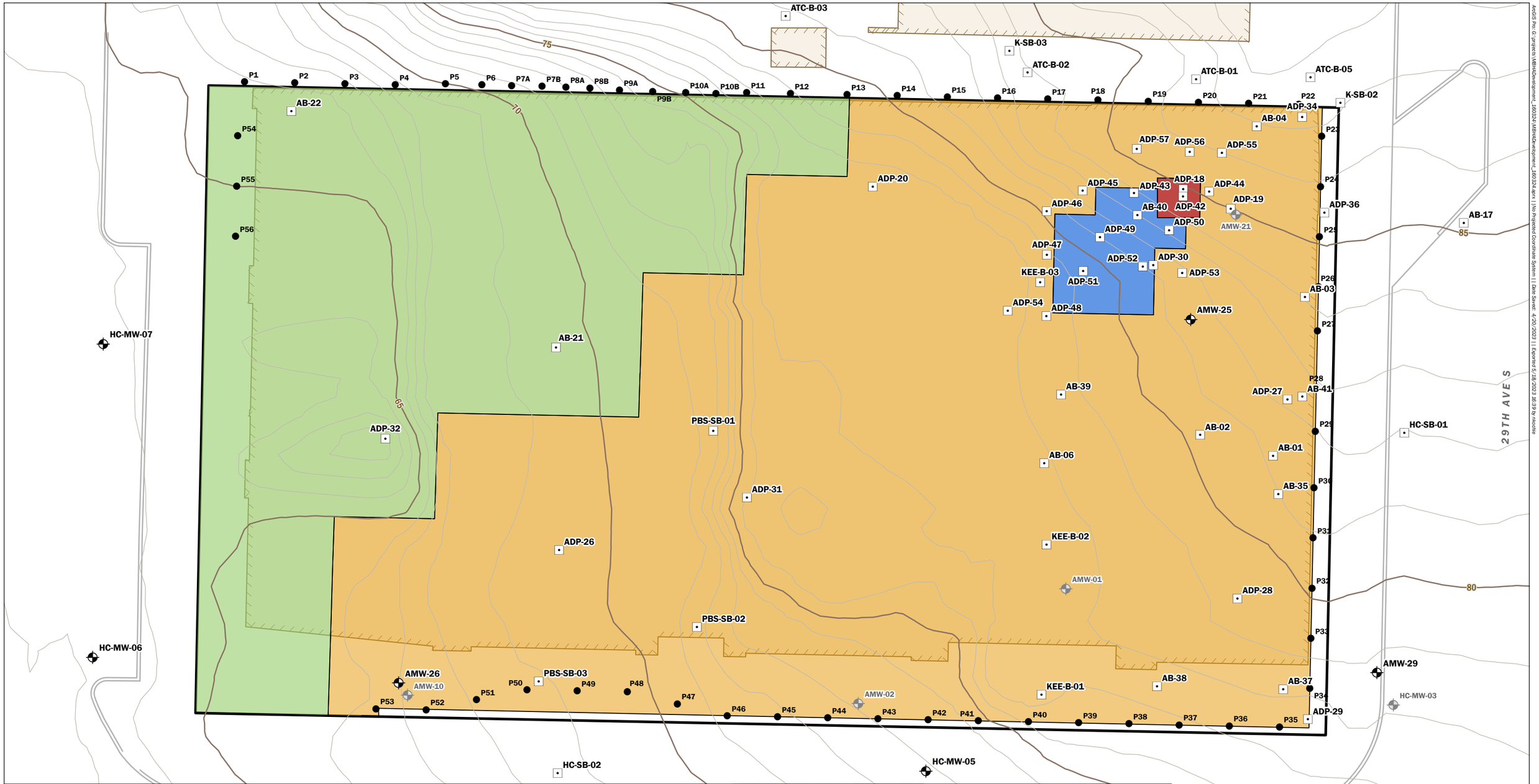
0 2 4 Feet

Underground Storage Tank Location and Soil Sample Results

Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect CONSULTING	APR-2023	BY: MWC / AWP / NLK	FIGURE NO. 4
	PROJECT NO. 160324	REVISED BY: ---/---	

Data source credits: None || Basemap Service Layer Credits: NA



Extremely Hazardous Waste Soil
Soil contaminated with chlorinated solvent F002 listed hazardous waste classified by Washington State regulations as "Dangerous Waste" at concentrations requiring treatment before disposal (land banned)

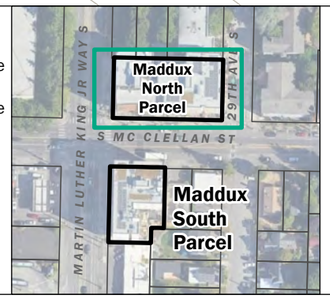
Dangerous Waste Soil
Soil contaminated with chlorinated solvent F002 listed hazardous waste classified by Washington State regulations as "Dangerous Waste" as "Dangerous Waste"

Contained-In Soil
Soil contaminated with chlorinated solvent F002 listed hazardous waste classified by Washington State regulations as "Dangerous Waste" as "Contained-In" Soil

Non-Impacted Soil
Soil not known to be contaminated and potentially clean

- Monitoring Well
- Abandoned Monitoring Well
- Soil Boring
- Shoring Pile
- 5-ft Ground Surface Contour Line
- 1-ft Ground Surface Contour Line
- Building Footprint
- Subject Property

Notes:
- Site feature are approximate.
- Contour lines created from King County 2016 lidar dataset from DNR Lidar Portal.



N

0 15 30 Feet

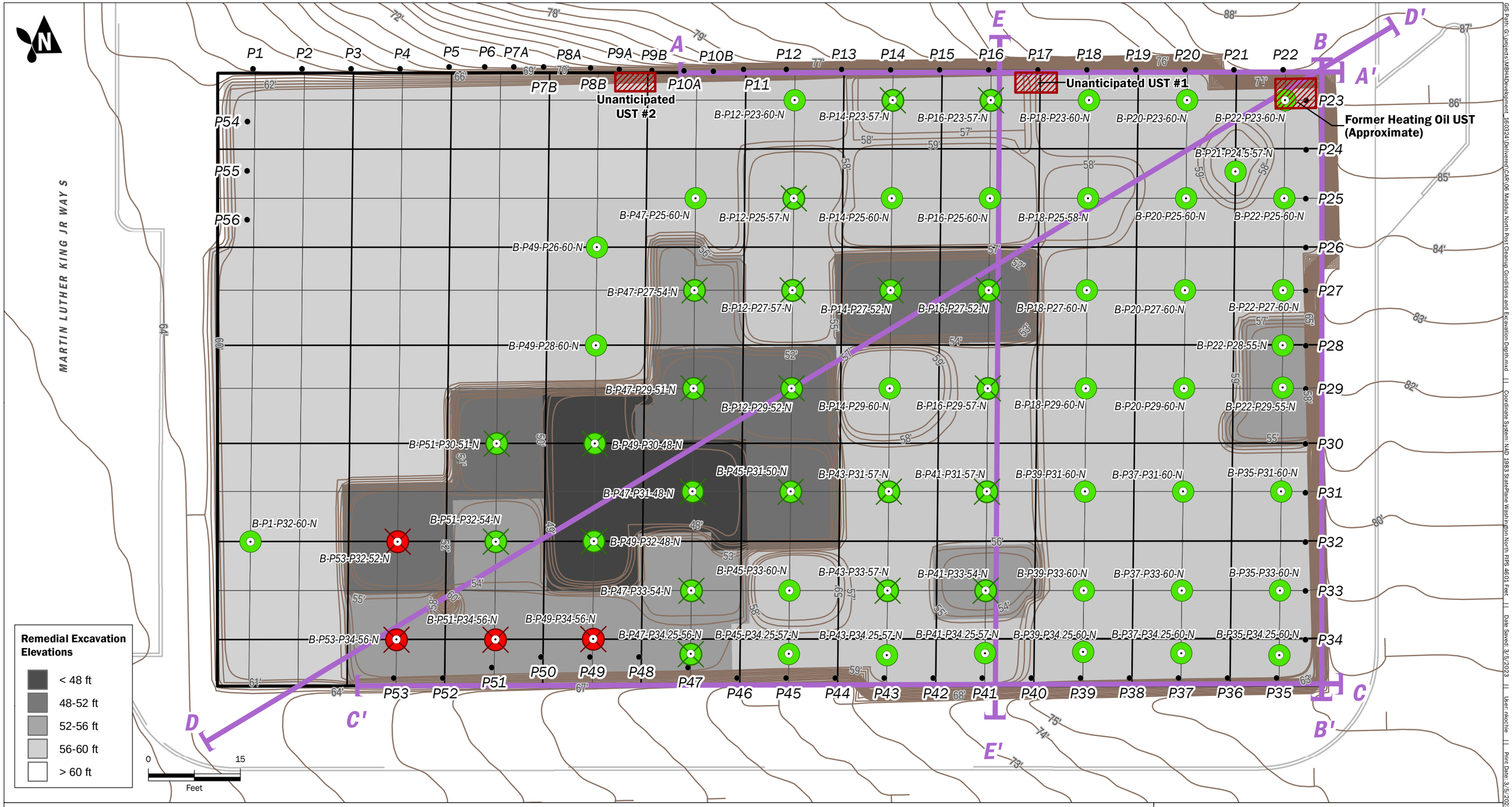
Maddux North
Soil Management Categories

Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect Consulting	APR-2023	BY: MWC / AWP / NLK	FIGURE NO. 5
	PROJECT NO. 160324	REVISED BY: ---/---	

Data source credits: None | | Basemap Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA

ArcGIS Pro: C:\projects\MBHADevelopment_160324\MBHADevelopment_160324.aprx | | No Projected Coordinate System | | Date Saved: 4/20/2023 | | Exported 5/18/2023 16:39 by mkonhe



PCE not detected or detected at a concentration less than the MTCA Method A Cleanup Level.

PCE was detected at a concentration greater than the MTCA Method A cleanup level in a sample(s) obtained above the final base elevation. These areas were over-excavated and PCE was not detected or was detected at a concentration less than the MTCA Method A cleanup levels in the final base sample.

These areas were excavated to the maximum depth possible due to the practical limitations of shoring design. PCE was still detected at a concentration greater than the MTCA Method A Cleanup Level in the final base sample at the elevation shown.

Contour Lines within Excavation Extent

Removed Underground Storage Tank (UST)

Sampling Location

Shoring Pile

Cross Section Transect

Subject Property

East-West Pile ID — Elevation of Sample (ft)

B = Bottom Sample → B-P53-P34-56-N

North-South Pile ID — N = Maddux North

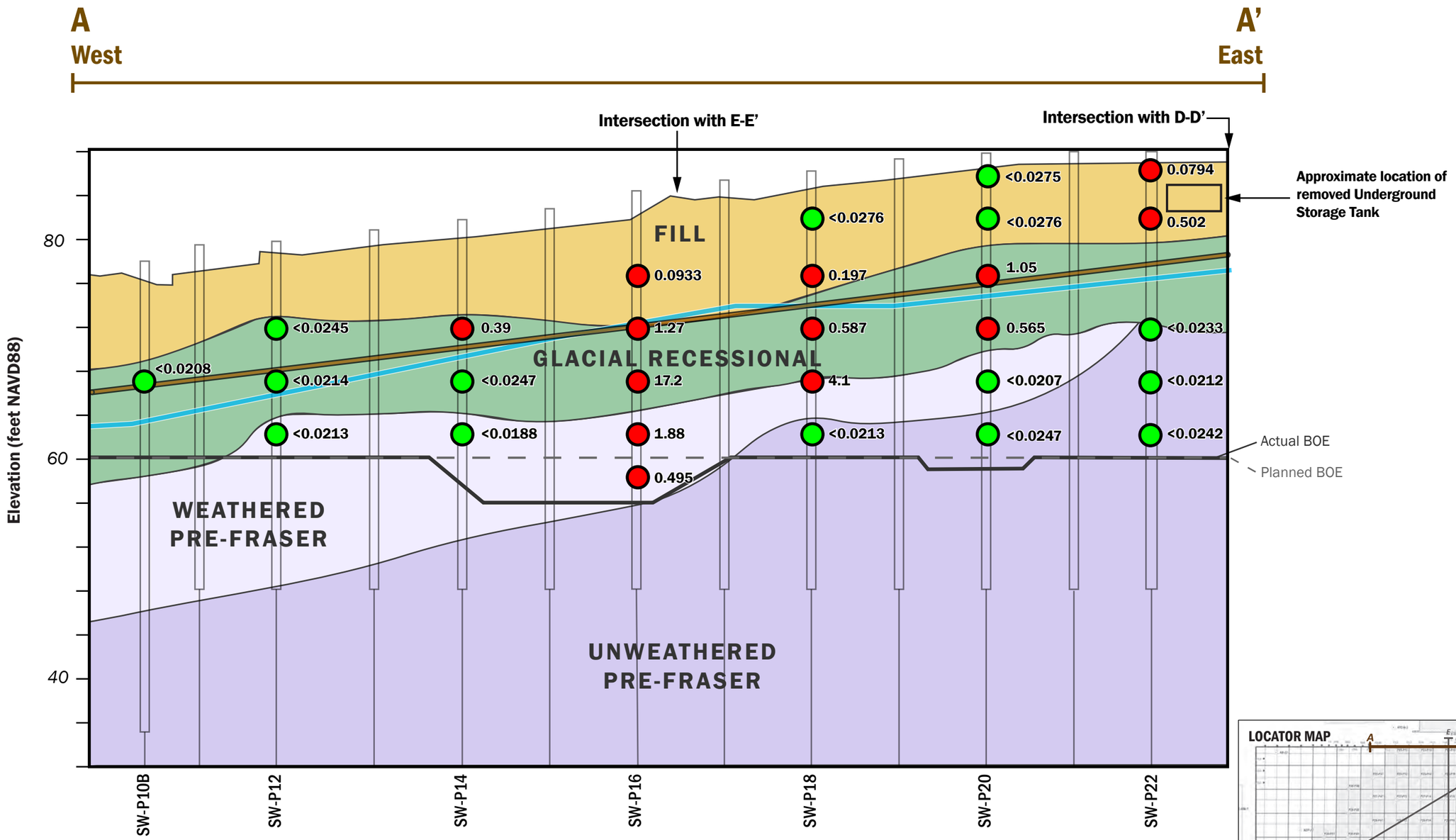
- PCE = Tetrachloroethene
- MTCA = Model Toxics Control Act
- Sidewall soil sample analytical results shown on cross sections A-A', B-B', and C-C'

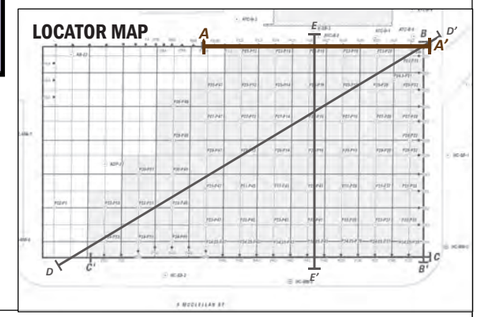
Maddux North - Post-Cleanup Conditions and Excavation Depth

Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect Consulting	MAR-2023	BY: AWP / NLK	FIGURE NO. 6
	PROJECT NO. 160324	REVISED BY: ---	

GIS Path: G:\projects\MBH\Redevelopment_160324\Delivered\CAR\06 Maddux North Post Cleanup Conditions and Excavation Depth.mxd | Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet | Date Saved: 3/5/2023 | User: nkochle | Print Date: 3/5/2023





PCE was detected in confirmation soil samples at a concentration greater than the MTCA Method A Cleanup Level. Results are shown in mg/kg.

PCE was detected in confirmation soil samples but at a concentration less than the MTCA Method A Cleanup Level. Results are shown in mg/kg.

PCE was not detected in confirmation soil samples. Reporting limit shown in mg/kg.

- Fill: silt and gravelly sand
- Glacial Recessional: sand and silt, loose to medium dense
- Weathered Pre-Fraser: silt and clay with sand lenses, soft to stiff
- Unweathered Pre-Fraser: silt and clay with sand lenses, very stiff to hard

Approximate Pre-Construction Groundwater Elevation

Sewer Line

Shoring wall piles

0 16 32
Feet
Vertical Exaggeration: 2x

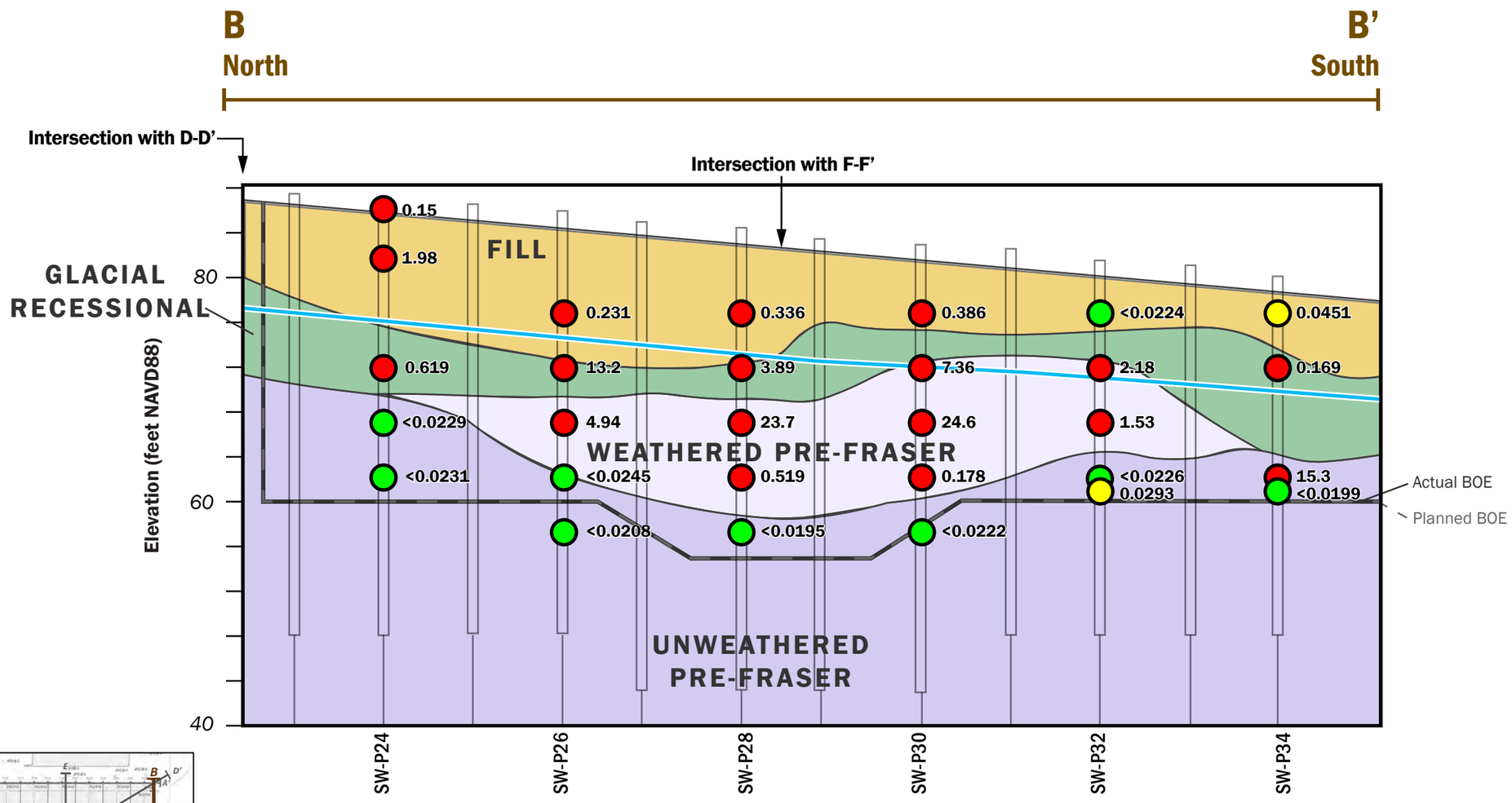
Notes:
- *The MTCA Method A Cleanup Level is 0.05 mg/kg*
- *PCE = Tetrachloroethene*
- *MTCA = Model Toxics Control Act*
- *BOE = Base of Excavation*

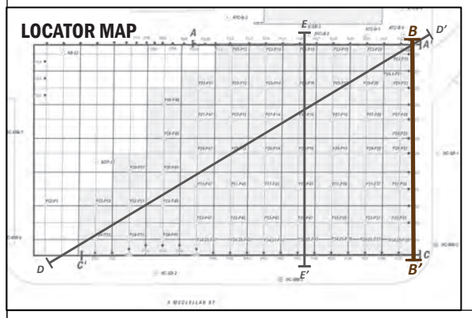
Cross Section A-A'
Maddux North - North Shoring Wall

Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect CONSULTING	MAR-2023	BY: AY / TDR / RAC / AWP	FIGURE NO. 7
	PROJECT NO. 160324	REV BY: AY	

T:\projects_8\MBHADevelopment_160324\Delivered\GCR S McClellan St\02 Cross Section Maddux North - North Shoring Wall.ai





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PCE was detected in confirmation soil samples but at a concentration less than the MTCA Method A Cleanup Level. Results are shown in mg/kg.

PCE was not detected in confirmation soil samples. Reporting limit shown in mg/kg.

Fill: silt and gravelly sand

Glacial Recessional: sand and silt, loose to medium dense

Weathered Pre-Fraser: silt and clay with sand lenses, soft to stiff

Unweathered Pre-Fraser: silt and clay with sand lenses, very stiff to hard

Approximate Pre-Construction Groundwater Elevation

Shoring wall piles

0 16 32
Feet

Vertical Exaggeration: 2x

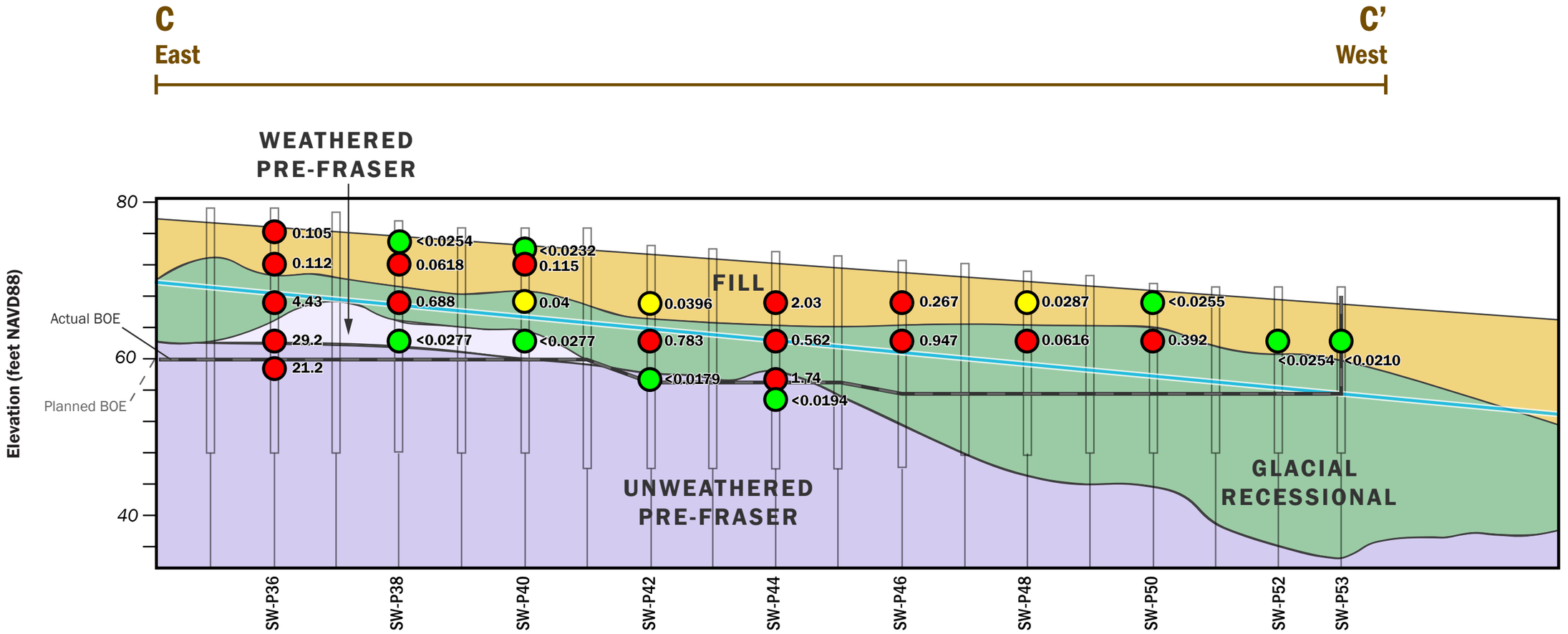
Notes:
- *The MTCA Method A Cleanup Level is 0.05 mg/kg*
- *PCE = Tetrachloroethene*
- *MTCA = Model Toxics Control Act*
- *BOE = Base of Excavation*

Cross Section B-B'
Maddux North - East Shoring Wall

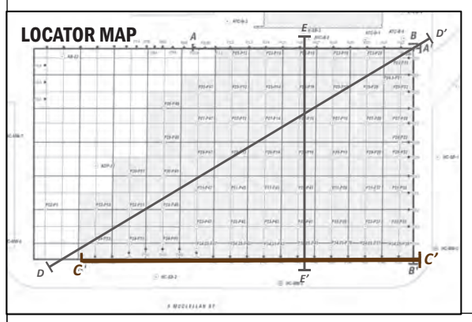
Cleanup Action
Mount Baker Properties Site
Seattle, Washington

Aspect Consulting	MAR-2023	BY: AY / TDR / RAC / AWP	FIGURE NO. 8
	PROJECT NO. 160324	REV BY: AY / MWC / WEG	

T:\projects_8\MBHADevelopment_160324\Delivered\SCR S McClellan St\03 Cross Section Maddux North - East Shoring Wall.ai



Sidewall Sample Locations



PCE was detected in confirmation soil samples at a concentration greater than the MTCA Method A Cleanup Level. Results are shown in mg/kg.

PCE was detected in confirmation soil samples but at a concentration less than the MTCA Method A Cleanup Level. Results are shown in mg/kg.

PCE was not detected in confirmation soil samples. Reporting limit shown in mg/kg.

Fill: silt and gravelly sand

Glacial Recessional: sand and silt, loose to medium dense

Weathered Pre-Fraser: silt and clay with sand lenses, soft to stiff

Unweathered Pre-Fraser: silt and clay with sand lenses, very stiff to hard

Approximate Pre-Construction Groundwater Elevation

Shoring wall piles

0 16 32

Feet

Vertical Exaggeration: 2x

Notes:

- *The MTCA Method A Cleanup Level is 0.05 mg/kg*
- *PCE = Tetrachloroethene*
- *MTCA = Model Toxics Control Act*
- *BOE = Base of Excavation*

Cross Section C-C'
Maddux North - South Shoring Walls

Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect CONSULTING	MAR-2023	BY: AY / TDR / RAC / AWP	FIGURE NO. 9
	PROJECT NO. 160324	REV BY: AY	

T:\projects_8\MBHADevelopment_160324\Delivered\ExcavationMaddux_2020\North\04 Cross Section Maddux North - South Shoring Wall.ai

Southwest

D

Intersection with F-F'

Intersection with E-E'

Intersection with A-A'

Northeast

D'

16' 32' 48' 64' 80' 96' 112' 128' 144' 160' 176' 192' 208'

80

60

40

Elevation (feet NAVD88)

Original Ground Surface

AMW-10 (8.2' SE)

ADP-26 (0')

FILL

GLACIAL RECESSIONAL

WEATHERED PRE-FRASER

UNWEATHERED PRE-FRASER

Actual BOE

Planned BOE

P22 Shoring Wall

<0.025 <0.025 0.035 <0.025 0.064 <0.03 0.19 <0.025 <0.025

<0.025 <0.025 0.066 0.046 0.079 0.079 <0.025

0.071 0.030 0.39 1.02 <0.03

0.329 1.32 1.05 0.66 <0.03

5.42 3.17 8.9 <0.03 <0.03

3.07 2.83 3.14 <0.03

0.445 <0.0231 <0.0219

6.13 0.981 0.727 <0.0219

6.59 7.04 2.88 <0.0219

<0.0201

<0.0198 <0.0203 <0.0235

P53-P32 P53-P34 P51-P32 P49-P34 P49-P32 P47-P31 P47-P29 P12-P29 P12-P27 P14-P27 P16-P27 P16-P25 P18-P25 P21-P25 P22-P23

Sample Locations (Intersecting Pile Numbers)

LOCATOR MAP

D D'

- PCE was detected in confirmation soil samples at a concentration greater than the MTCA Method A Cleanup Level. Results are shown in mg/kg.
- PCE was detected in confirmation soil samples but at a concentration less than the MTCA Method A Cleanup Level. Results are shown in mg/kg.
- PCE was not detected in confirmation soil samples. Reporting limit shown in mg/kg.

- Fill: silt and gravelly sand
- Glacial Recessional: sand and silt, loose to medium dense
- Weathered Pre-Fraser: silt and clay with sand lenses, soft to stiff
- Unweathered Pre-Fraser: silt and clay with sand lenses, very stiff to hard

Approximate Pre-Construction Groundwater Elevation

Notes:

- *The MTCA Method A Cleanup Level is 0.05 mg/kg*
- *PCE = Tetrachloroethene*
- *MTCA = Model Toxics Control Act*
- *BOE = Base of Excavation*

0 16 32

Feet

Vertical Exaggeration: 2x

Cross Section D-D' Maddux North

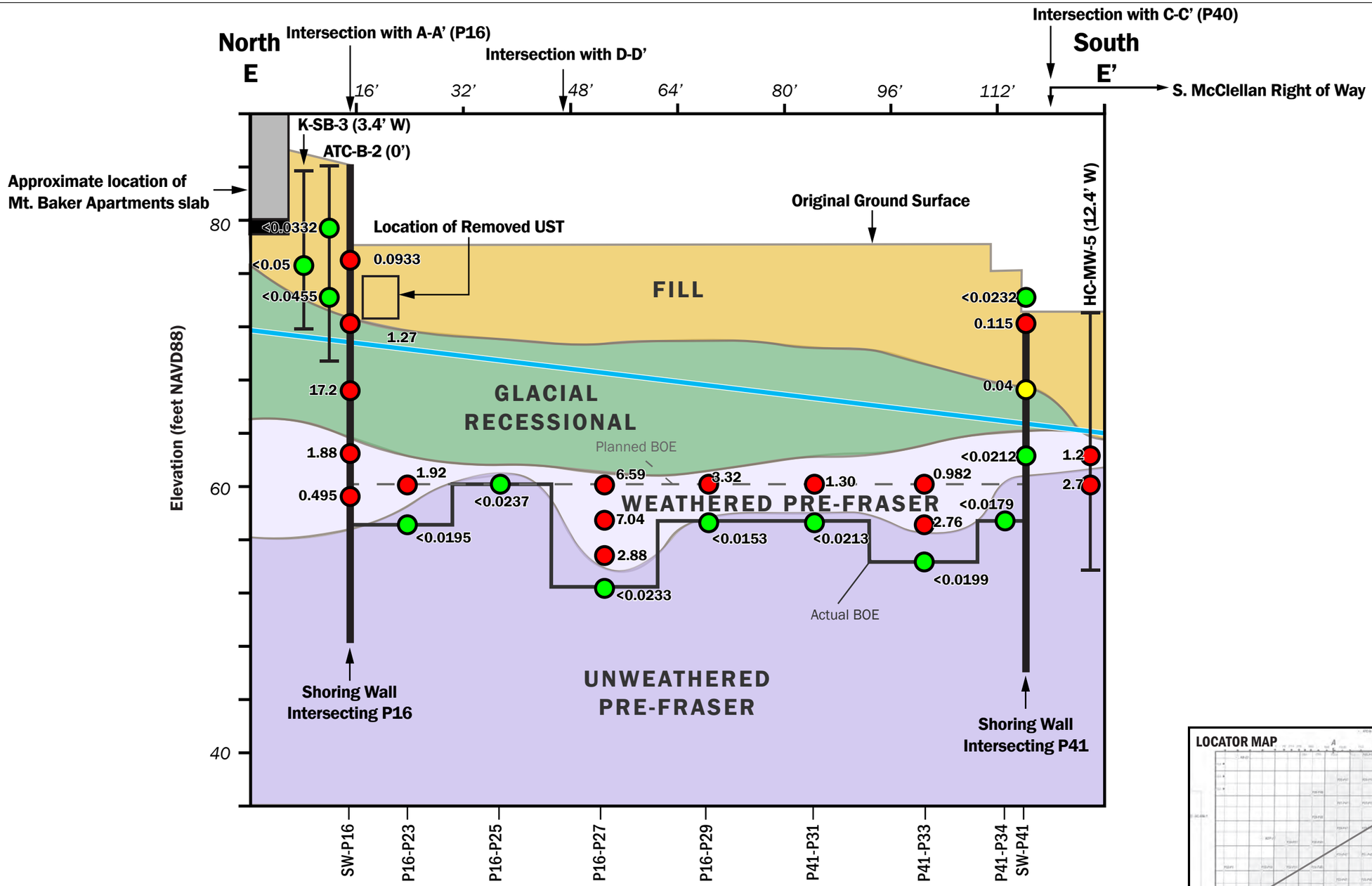
Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

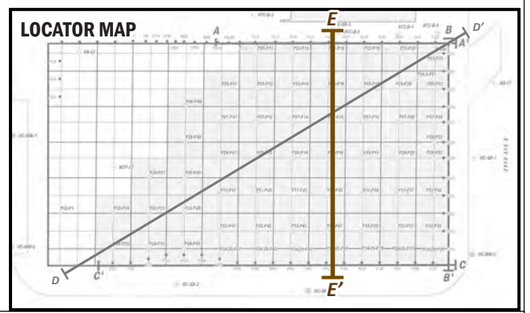
Aspect CONSULTING

MAR-2023 | BY: KB / RAC / AWP | FIGURE NO. 10

PROJECT NO. 160324 | REV BY: AY

T:\projects_8\MBH\Development_160324\Deliverered\Excavation\Maddux_2020\North\06 Cross Section Maddux North - D-D' ai





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PCE was not detected in confirmation soil samples. Reporting limit shown in mg/kg.

- Fill: silt and gravelly sand
- Glacial Recessional: sand and silt, loose to medium dense
- Weathered Pre-Fraser: silt and clay with sand lenses, soft to stiff
- Unweathered Pre-Fraser: silt and clay with sand lenses, very stiff to hard

Approximate Pre-Construction Groundwater Elevation

Notes:
- *The MTCA Method A Cleanup Level is 0.05 mg/kg*
- *PCE = Tetrachloroethene*
- *MTCA = Model Toxics Control Act*
- *BOE = Base of Excavation*

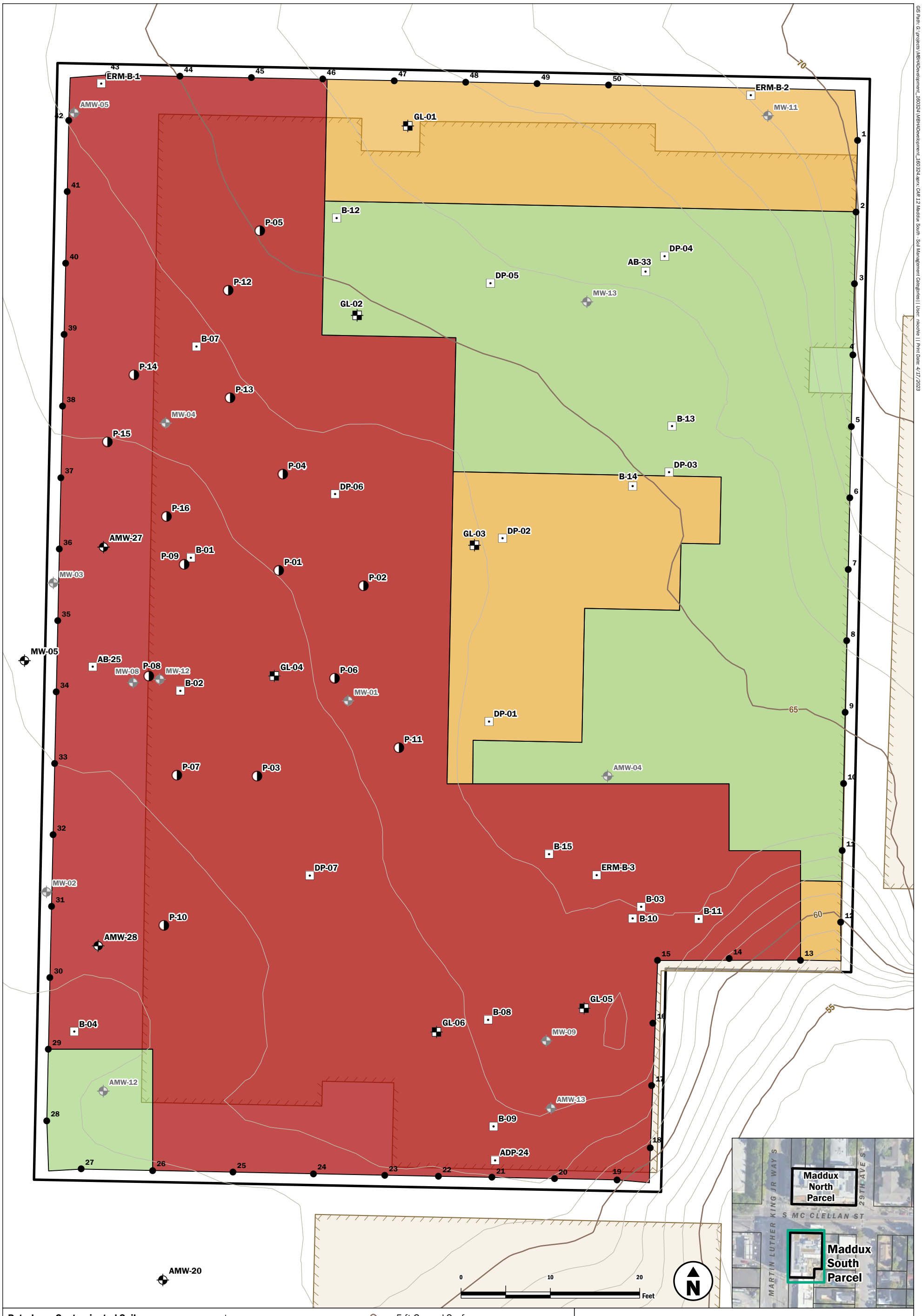
0 16 32
Feet
Vertical Exaggeration: 2x

Cross Section E-E' Maddux North

Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect Consulting	MAR-2023	BY: KB/RAC/AWP	FIGURE NO. 11
	PROJECT NO. 160324	REV BY: AY	

GIS Path: T:\projects_8\MBHADevelopment_160324\Delivered\Excavation\Maddux_2020\North\06 Cross Section Maddux North - E-E'.ai



Petroleum-Contaminated Soil

Soil containing petroleum hydrocarbons above the Site Cleanup Levels

Petroleum-Impacted Soil

Soil containing petroleum hydrocarbons below the Site Cleanup Levels

Non-Impacted Soil

Soil not contaminated

Monitoring Well

Abandoned Monitoring Well

Auger Boring

Geoprobe

Soil Boring

Shoring Pile

5-ft Ground Surface Contour Line

1-ft Ground Surface Contour Line

Subject Property

Notes:
- Site feature are approximate.
- Contour lines created from King County 2016 lidar dataset from DNR Lidar Portal.

Maddux South - Soil Management Categories

Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect CONSULTING	APR-2023	BY: MWC / AWP / NLK	FIGURE NO. 12
	PROJECT NO. 160324	REVISED BY: ---/---	

Data source credits: None || Basemap Service Layer Credits: © OpenStreetMap (and) contributors, CC-BY-SA

GIS Path: G:\projects\MBHADevelopment_160324\MBHADevelopment_160324.aprx; CAP 12 Maddux South - Soil Management Categories || User: nkoche || Print Date: 4/17/2023

GIS Path: G:\projects\MBHADevelopment_160324\Delivered\CAR\13 Maddux South Post Cleanup Conditions and Excavation Depth.mxd || Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet || Date Saved: 3/5/2023 || User: nkoehle || Print Date: 3/5/2023

MARTIN LUTHER KING JR WAY S

F'

P43 P44 P45 P46 P47 P48 P49 P50

P42 P41 P40 P39 P38 P37 P36 P35 P34 P33 P32 P31 P30 P29 P28 P27 P26 P25 P24 P23 P22 P21 P20 P19

P1 P2 P3 P4 P5 P6 P7 P8 P9 P10 P11 P12 P13 P14 P15 P16 P17 P18

G'

F

B-P43-P42-50-S
B-P45-P42-50-S
B-P43-P40-43-S
B-P45-P40-45-S
B-P43-P38-43-S
B-P45-P38-43-S
B-P47-P38-49-S
B-P43-P36-43-S
B-P45-P36-43-S
B-P47-P36-50-S
B-P43-P34-42-S
B-P45-P34-43-S
B-P47-P34-50-S
SW-P32-P20.5-42-S
SW-P32-P19-42-S
B-P43-P32-42-S
B-P45-P32-43-S
B-P47-P32-50-S
B-P32-P20.5-42-S
B-P32-P19-40-S
B-P14-P12-50-S
B-P43-P30-48-S
B-P45-P30-49-S
B-P47-P30-47-S
B-P30-P20.5-40-S
B-P30-P19-42-S
B-P43-P28-54-S
B-P45-P28-48-S
B-P47-P28-47-S
B-P28-P20.5-46-S
B-P28-P19-45.5-S

Remedial Excavation Elevations

- 40-44 ft
- 44-48 ft
- 48-52 ft
- > 52 ft

0 6 12
Feet

N

COCs* not detected or detected at concentrations less than the MTCA Method A Cleanup Level.

One or more COCs were detected at concentrations greater than the MTCA Method A cleanup levels in a sample(s) obtained above the final base elevation. These areas were over-excavated and COCs were not detected or were detected atconcentrations less than the MTCA Method A cleanup levels in the final base sample.

Sampling Location
Contour Lines within Excavation Extent
Shoring Pile
Excavation Extent
Cross Section Transect
Subject Property

B-P47-P30-47-S
- B = Bottom Sample or SW = Sidewall
- P47-P30 = North-South Pile ID
- 47 = East-West Pile ID
- P30 = Elevation of Sample
- S = Maddux South

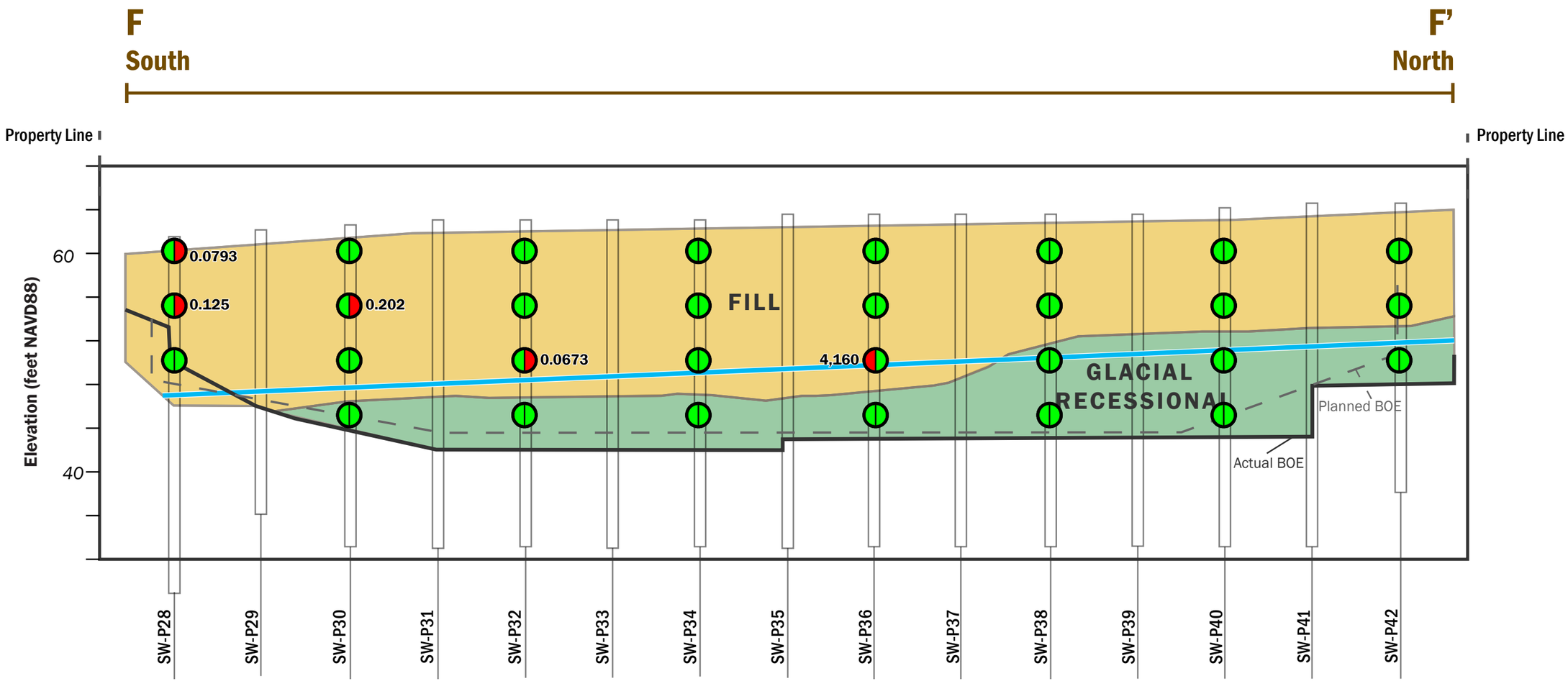
Notes:
1. Sidewall soil sample analytical results shown on Cross Sections F-F' and G-G'.
** All samples analyzed for benzene, toluene, ethylbenzene, and total xylenes; gasoline-, diesel-, and oil-range total petroleum hydrocarbons; and chlorinated volatile organic compounds.*
- COC = Contaminants of concern
- MTCA = Model Toxics Control Ac

Maddux South - Post-Cleanup Conditions and Excavation Depth

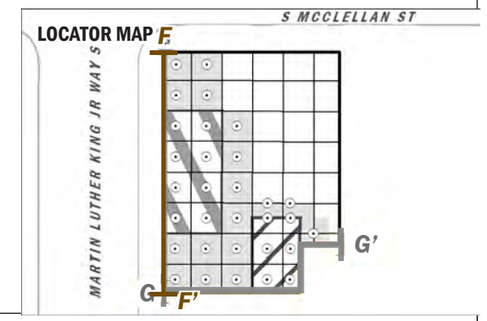
Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect Consulting	MAR-2023	BY: AWP / NLK	FIGURE NO. 13
	PROJECT NO. 160324	REVISED BY: ---	

T:\projects_8\MBHADevelopment_160324\Delivered\ExcavationMaddux_2020\South\X Cross Section Maddux South - South Shoring Wall.ai



Sidewall Sample Locations



One or more COCs was detected in confirmation soil samples at a concentration greater than the MTCA Method A Cleanup Level. Results are shown in mg/kg.

One or more COCs was not detected in confirmation soil samples.

Gasoline-Range TPH Results — *PCE Results*

Sample Location

Fill: silt and gravelly sand

Glacial Recessional: sand and silt, loose to medium dense

Approximate Pre-Construction Groundwater Elevation

Shoring wall piles

Notes:
- *The MTCA Method A Cleanup Level is 0.05 mg/kg*
- *MTCA Method A Cleanup Level for Gasoline-Range TPH = 30 mg/kg*
- *COC = Contaminants of concern*
- *PCE = Tetrachloroethene*
- *TPH = Total petroleum hydrocarbons*
- *MTCA = Model Toxics Control Act*
- *BOE = Base of Excavation*

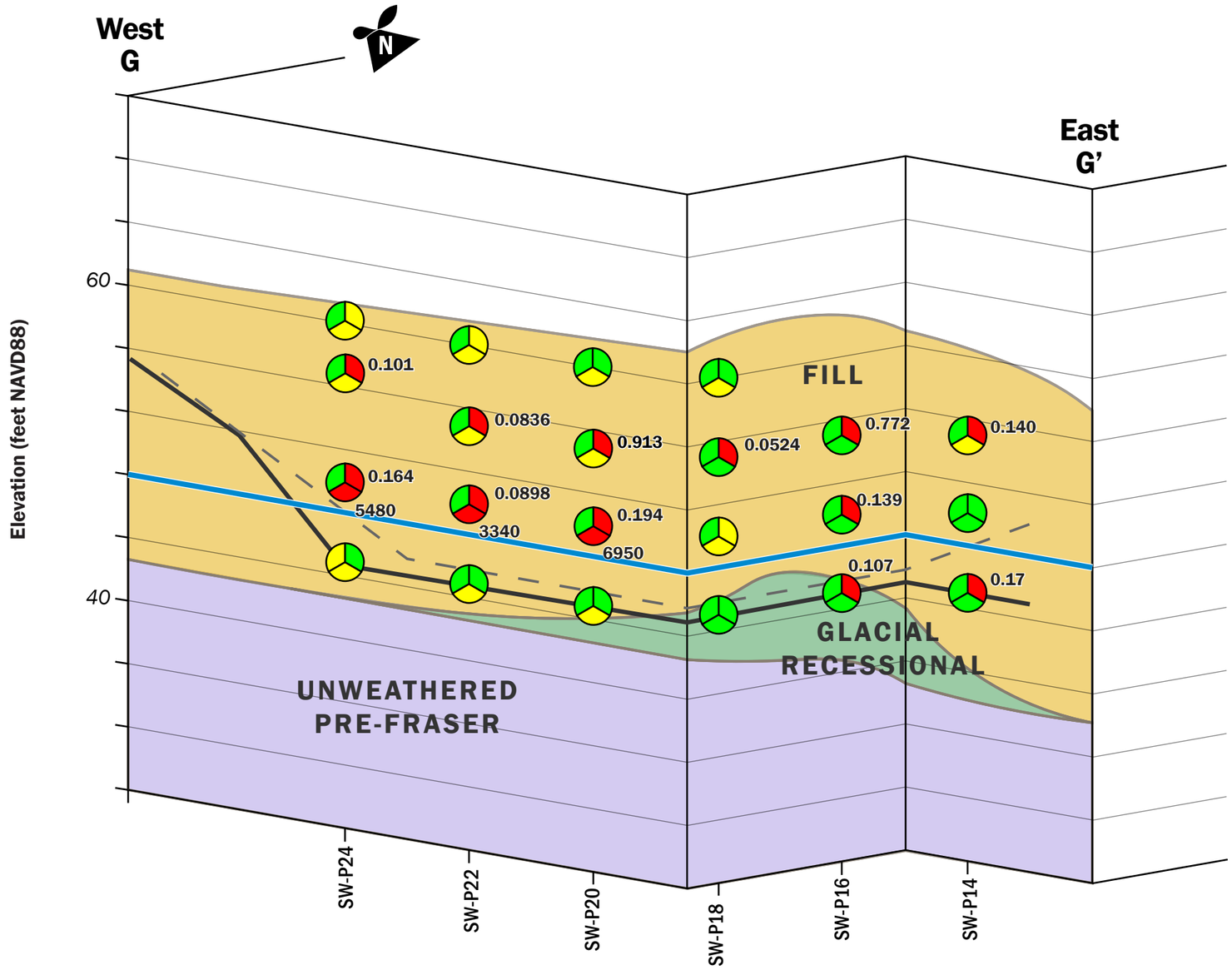
0 — 20 — 40
Feet
Vertical Exaggeration: 2x

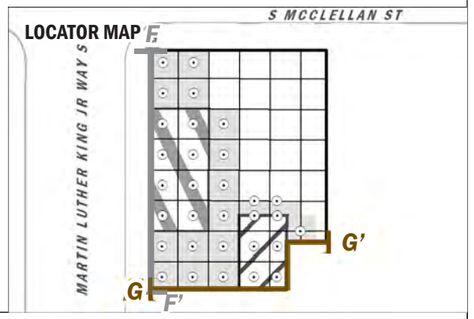
Cross Section F-F'
Maddux South - West Shoring Wall

Cleanop Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect Consulting	MAR-2023	BY: AY / TDR / RAC /AWP	FIGURE NO. 14
	PROJECT NO. 160324	REV BY: KB	

GIS Path: T:\projects_8\MBHADevelopment_160324\Delivered\ExcavationMaddux_2020\South





One or more COCs was detected in confirmation soil samples at a concentration greater than the MTCA Method A Cleanup Level. Results are shown in mg/kg.

One or more COCs was not detected in confirmation soil samples.

Contaminant of concern was not detected in confirmation soil samples.

Gasoline Range TPH Results (mg/kg) — *PCE Results (mg/kg)*

5480

Diesel and Motor Oil Range Results (mg/kg)

- Fill: silt and gravelly sand
- Glacial Recessional: sand and silt, loose to medium dense
- Unweathered Pre-Fraser: silt and clay with sand lenses, very stiff to hard

Notes:
- *The MTCA Method A Cleanup Level is 0.05 mg/kg*
- *MTCA Method A Cleanup Level for Gasoline-Range TPH = 30 mg/kg*
- *COC = Contaminants of concern*
- *PCE = Tetrachloroethene*
- *TPH = Total petroleum hydrocarbons*
- *MTCA = Model Toxics Control Act*
- *BOE = Base of Excavation*

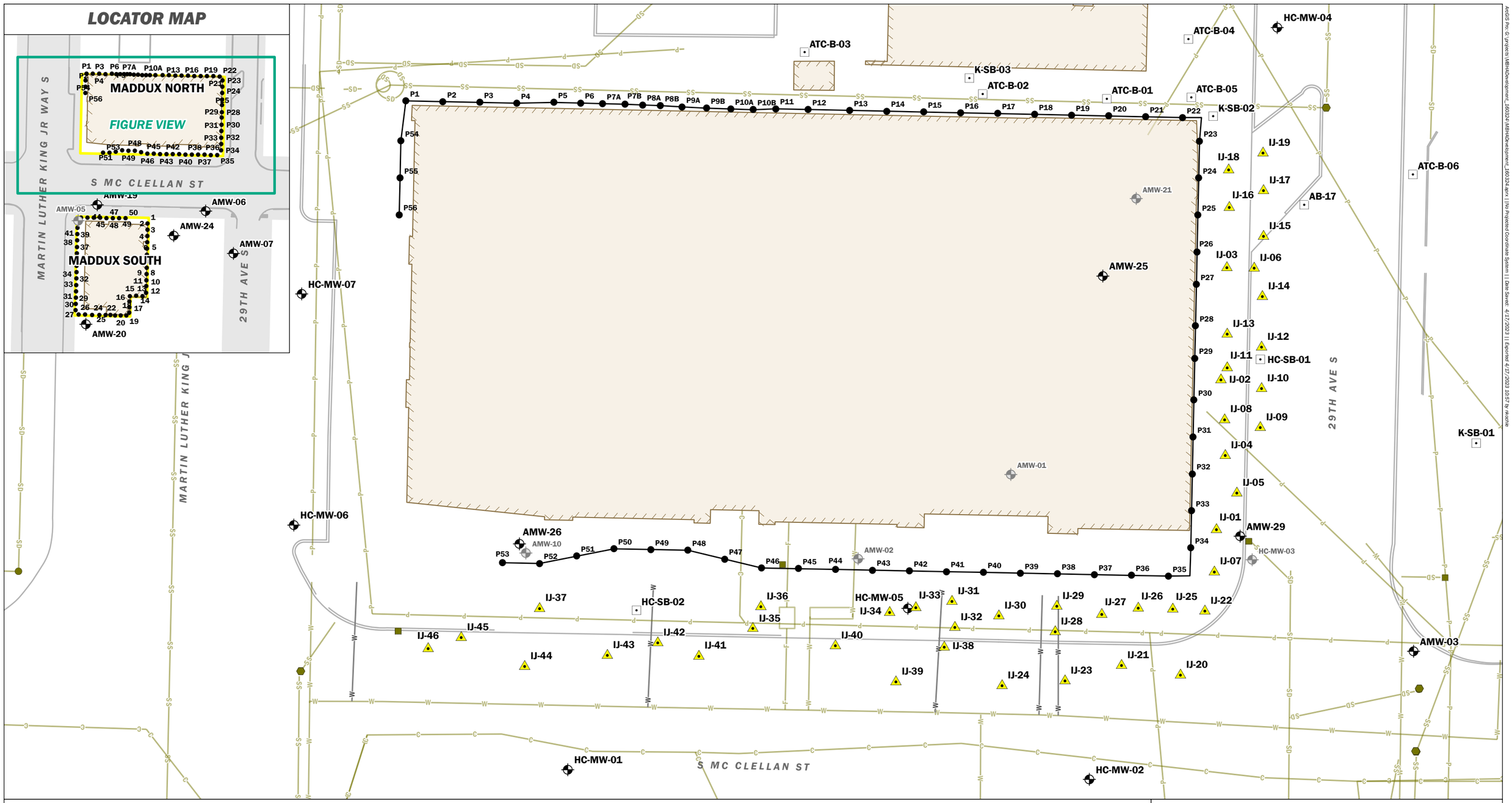
0 — 16 — 32
Feet
Vertical Exaggeration: 2x

Maddux South - Cross Section G-G' Southern Shoring Wall

Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect Consulting	MAR-2023	BY: CEB / RAC / AWP	FIGURE NO. 15
	PROJECT NO. 160324	REV BY: KB	

LOCATOR MAP



- Completed Injection Location
- Monitoring Well
- Abandoned Monitoring Well
- Soil Boring
- Shoring Pile
- Shoring Wall
- Power Line
- Storm Drain Line
- Sanitary Sewer Line
- Communication Line
- Water Line
- Water Line *Decommissioned/ Abandoned-in-Place*
- Fire Service Line
- Catch Basin
- Storm Manhole
- Sanitary Manhole
- Building Footprint
- Subject Property
- Curb

Notes:
- ISCR = In-Situ Chemical Reduction
-See Table 6 for injection solution design, injection volumes and target vertical intervals.
- Locations and alignments of utilities are approximate and may have changed during construction work conducted in 2022.

N

0 20 40 Feet

ISCR Injection Locations

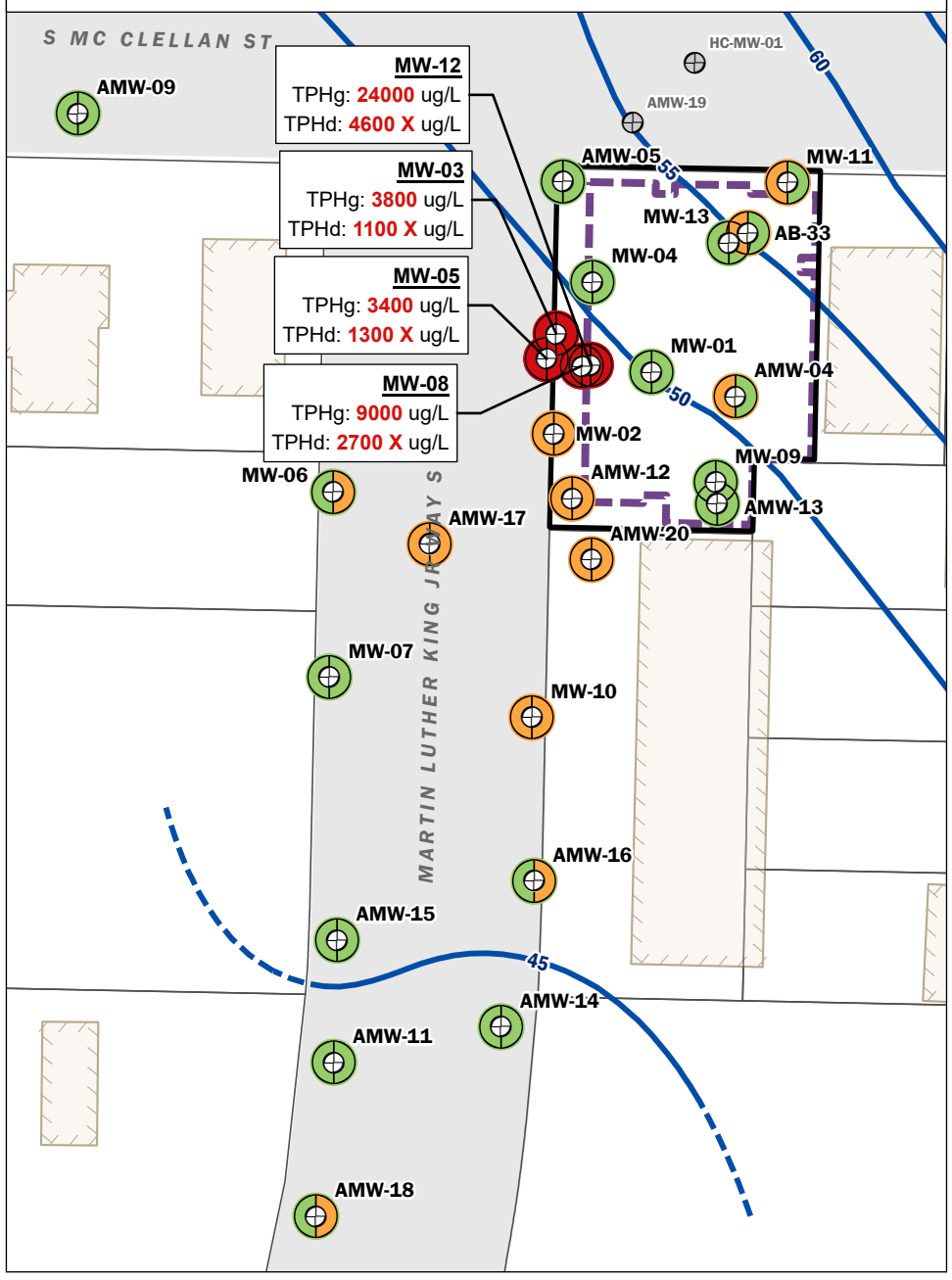
Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect CONSULTING	APR-2023	BY: MWC / AWP / NLK	FIGURE NO. 16
	PROJECT NO. 160324	REVISED BY: ---/---	

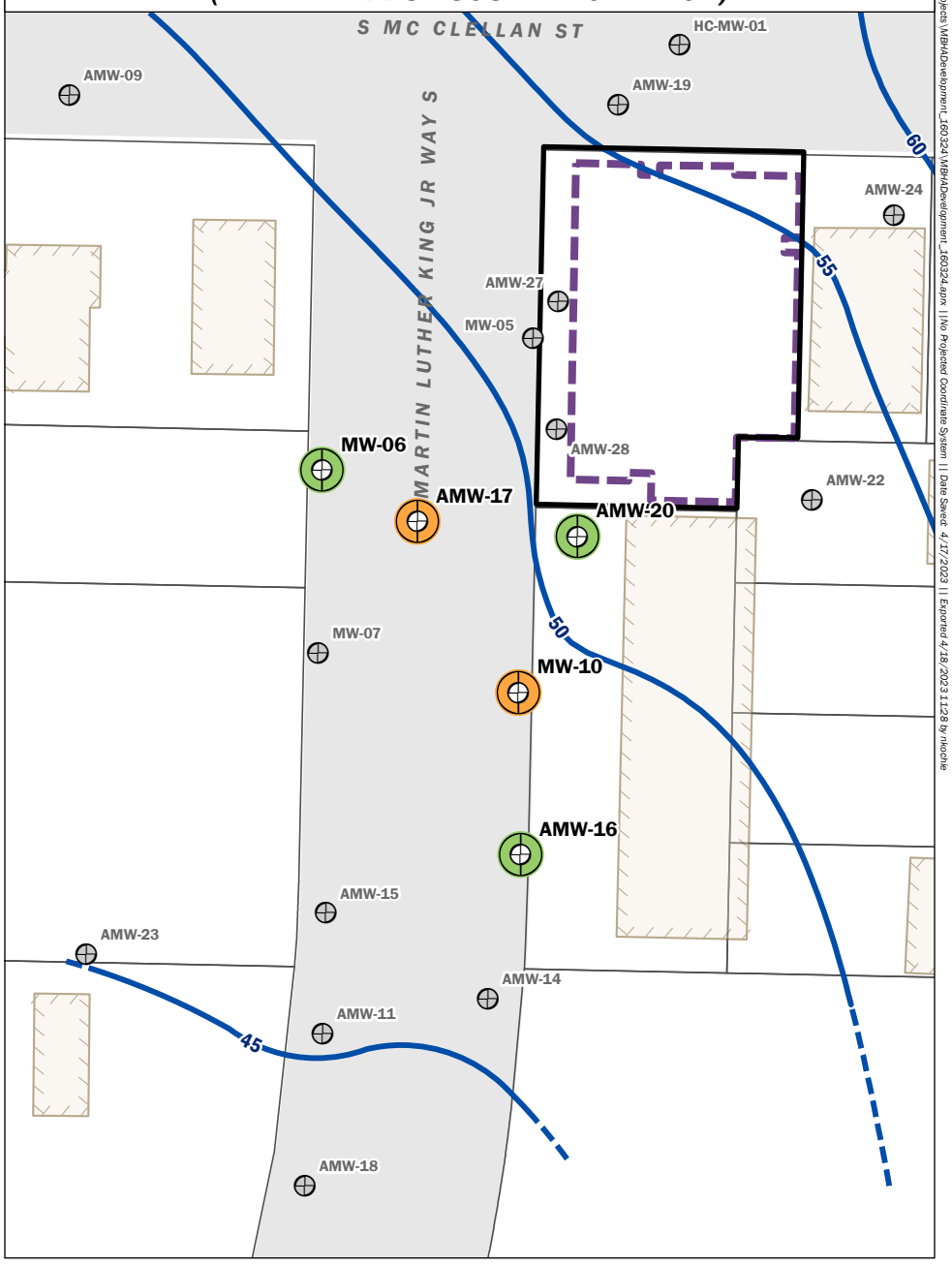
Data source credits: None | | Basemap Service Layer Credits: NA

ArcGIS Pro: G:\projects\MBHADevelopment_160324\MBHADevelopment_160324.aprx | | No Projected Coordinate System | | Date Saved: 4/17/2023 | | Exported 4/17/2023 10:57 by mkorhe

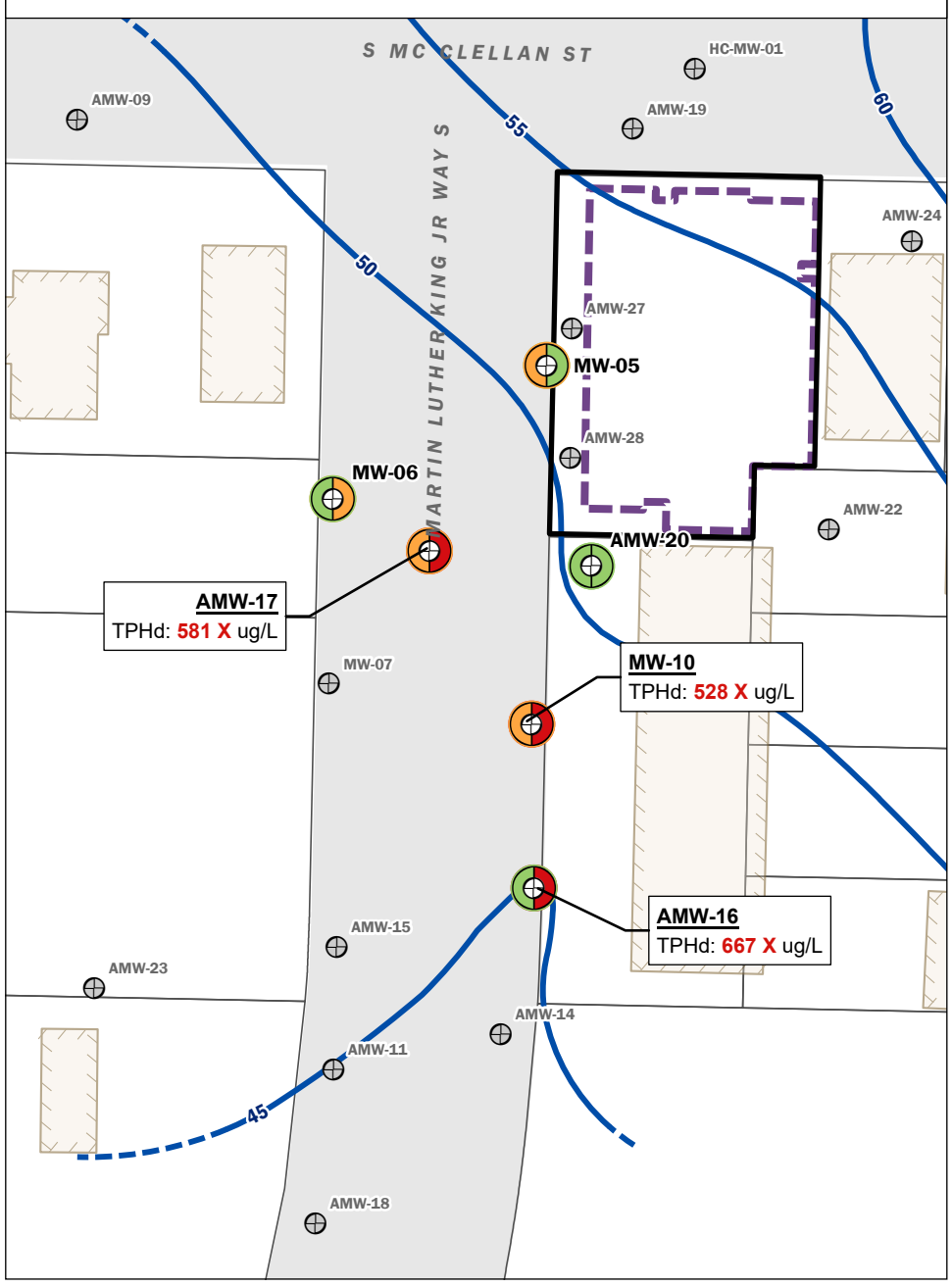
2018: PRE-CLEANUP ACTION



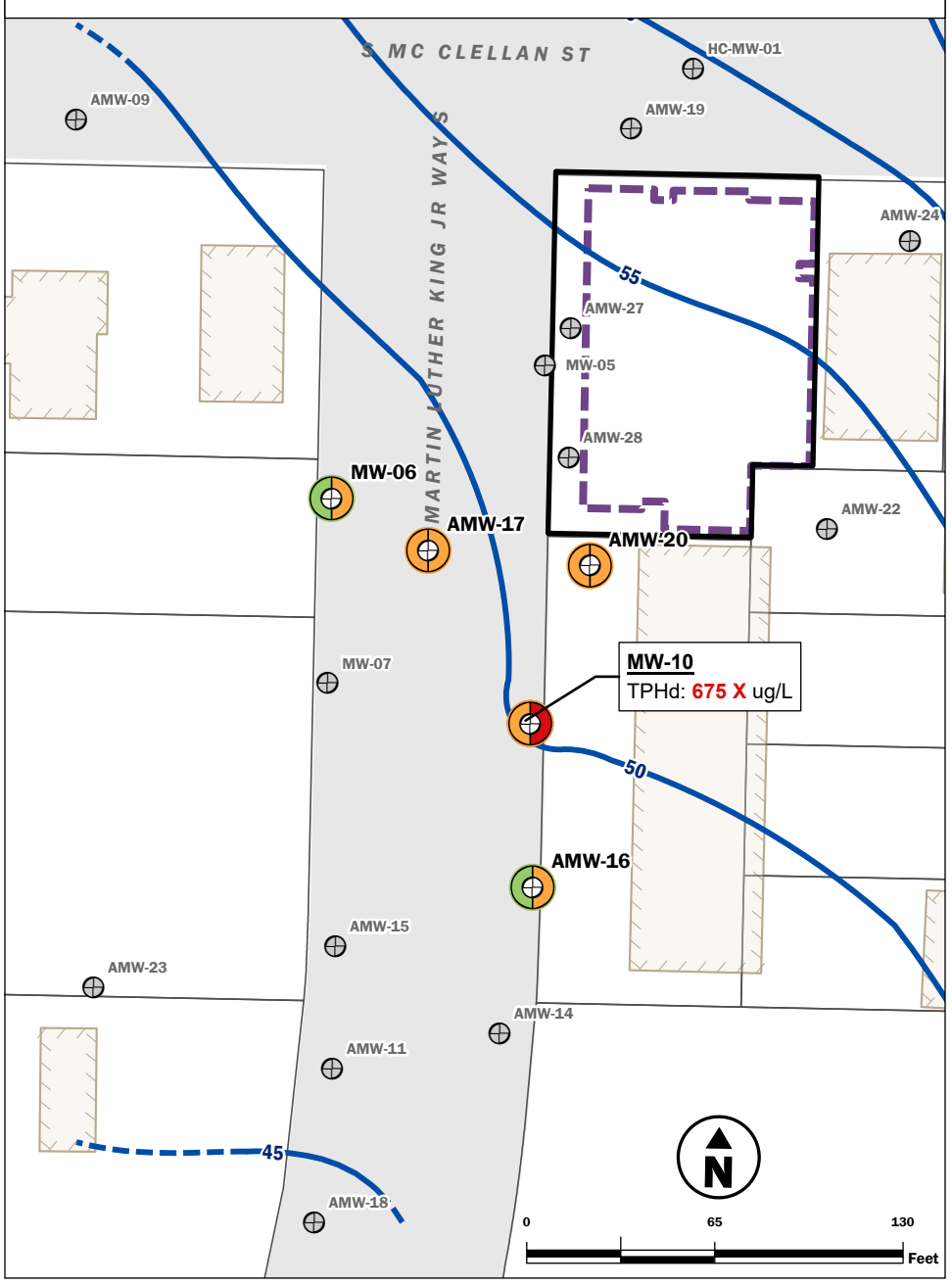
DECEMBER 2020
(AFTER MADDUX SOUTH EXCAVATION)



JUNE 2022



DECEMBER 2022



Monitoring Well

Monitoring Well Not Sampled

TPH dectected at concentrations above Site Specific Cleanup Levels

TPH dectected at concentrations below Site Specific Cleanup Levels

TPH not detected

Subject Property

Maddux Building Footprint

Building Footprint

Tax Parcel

Groundwater Contour
(dashed where inferred)

Sample ID
TPHg
TPHd
Result Value

MW-12
TPHg: 24000 ug/L
TPHd: 4600 X ug/L

Notes:
1. ug/L = micrograms per liter
2. TPHg = Gasoline Range Organics
3. TPHd = Diesel Range Organics
4. TPH = Total Petroleum Hydrocarbons

TPH Concentrations in Groundwater

Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect Consulting	APR-2023	BY: MWC / AWP / NLK	FIGURE NO. 17
	PROJECT NO. 160324	REVISED BY: ---/---	

Data source credits: None || Basemap Service Layer Credits: NA

ArcGIS Pro: G:\projects\MBHADevelopment_160324\MBHADevelopment_160324.aprx || No Projected Coordinate System || Date Saved: 4/17/2023 || Exported 4/18/2023 11:28 by nlochle

2018: PRE-CLEANUP ACTION

AMW-01* PCE: 1100 ug/L
AMW-02 PCE: 2100 ug/L
HC-MW-04
AMW-21* PCE: 97000 ug/L
HC-MW-07
AMW-10 PCE: 650 ug/L
HC-MW-06
HC-MW-03 PCE: 16 ug/L
AMW-03
MW-11 PCE: 1200 ug/L
HC-MW-01 PCE: 210 ug/L
HC-MW-05 PCE: 5600 ug/L
AMW-09
AMW-19 PCE: 12 ug/L
AMW-06
HC-MW-02 PCE: 990 ug/L
AMW-05
MW-04
AMW-07
MW-03
MW-08
MW-01
AMW-24* PCE: 510 ug/L
MW-05
MW-02
MW-12
AB-33 PCE: 160 ug/L
AMW-22
MW-06
AMW-12
AMW-17
AMW-20
AMW-04 PCE: 210 ug/L
MW-13 PCE: 7.1 ug/L
MW-09 PCE: 110 ug/L
MW-07
MW-10
AMW-13 PCE: 93 ug/L
AMW-16
AMW-15
AMW-23
AMW-14
AMW-11
AMW-18
AMW-08
29TH AVE S
70
60
50
45

DECEMBER 2020
(AFTER MADDUX NORTH AND SOUTH EXCAVATION)

HC-MW-04
HC-MW-05 PCE: 1270 ug/L
75
29TH AVE S
HC-MW-07
HC-MW-03 PCE: 38.1 ug
HC-MW-06
HC-MW-01 PCE: 104 ug/L
AMW-03
70
AMW-09
AMW-19
HC-MW-02 PCE: 377 ug/L
AMW-06 PCE: 22.6 ug/L
AMW-07
MW-05
AMW-24 PCE: 461 ug/L
MW-06
AMW-17
AMW-22
AMW-20
60
55
MW-07
MW-10
50
MARTIN LUTHER KING JR WAY S
AMW-16
AMW-08
AMW-23
AMW-15
AMW-14
AMW-11
45
AMW-18

JUNE 2022
(AFTER 29TH AVE S. INJECTIONS)

HC-MW-04
HC-MW-05 PCE: 420 ug/L
75
AMW-25
29TH AVE S
HC-MW-07
HC-MW-06 PCE: 19.0 ug/L
60
HC-MW-03
AMW-03
S MC CLELLAN ST
HC-MW-01
70
AMW-09
AMW-19 PCE: 13.9 ug/L
HC-MW-02 PCE: 102 ug/L
AMW-06
60
AMW-07
MW-05
AMW-24 PCE: 355 J ug/L
MW-06
AMW-17
AMW-22
55
AMW-20 PCE: 7.87 ug/L
MW-07
MW-10
50
MARTIN LUTHER KING JR WAY S
AMW-16
AMW-15
AMW-08
AMW-23
AMW-14
AMW-11
45
AMW-18

DECEMBER 2022
(AFTER MCCLELLAN INJECTIONS)

HC-MW-04
70
AMW-25
29TH AVE S
HC-MW-07
HC-MW-06
HC-MW-03
HC-MW-05
AMW-03
70
AMW-19 PCE: 43.2 ug/L
S MC CLELLAN ST
HC-MW-02
AMW-09
HC-MW-01
AMW-06
50
60
65
AMW-07
MW-05
55
AMW-24 PCE: 238 E ug/L
MW-06
AMW-17
AMW-22
MW-07
MW-10
AMW-20 PCE: 7.84 ug/L
MARTIN LUTHER KING JR WAY S
AMW-16
AMW-15
AMW-08
AMW-23
AMW-14
AMW-11
AMW-18
N
0
100
200
Feet

Monitoring Well
Well Not Accessible During Monitoring Event
PCE dectected at concentrations above Site Specific Cleanup Level
PCE dectected at concentrations below Site Specific Cleanup Level
PCE not dectected

Subject Property
Maddux Building Footprint
Building Footprint
Tax Parcel
Groundwater Contour *(dashed where inferred)*

Sample ID
MW-12 PCE: 7.1 ug/L
Result Value

Notes:
1. ug/L = micrograms per liter
2. PCE = Tetrachloroethene
*2018 data for this location was not available, so data from closest event (2017 or 2019) is presented

PCE Concentrations in Groundwater

Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect CONSULTING	APR-2023	BY: MWC / AWP / NLK	FIGURE NO. 18
	PROJECT NO. 160324	REVISED BY: ---/---	

Data source credits: None || Basemap Service Layer Credits: NA

ArcGIS Pro: G:\projects\MBHADevelopment_160324\MBHADevelopment_160324.aprx || No Projected Coordinate System || Date Saved: 4/17/2023 || Exported 4/17/2023 11:18 by mkoche

2018: PRE-CLEANUP ACTION

AMW-10
PCE: 650 ug/L
TCE: 52 ug/L
cDCE: 69 ug/L
VC: < 2 U ug/L

AMW-02
PCE: 2100 ug/L
TCE: 68 ug/L
cDCE: 72 ug/L
VC: < 10 U ug/L

HC-MW-06
VC: 3.5 ug/L

HC-MW-05
PCE: 5600 ug/L
TCE: < 50 U ug/L
cDCE: < 50 U ug/L
VC: < 10 U ug/L

HC-MW-01
PCE: 210 ug/L
TCE: 28 ug/L
cDCE: 55 ug/L
VC: 12 ug/L

HC-MW-03
PCE: 16 ug/L

AMW-19
PCE: 12 ug/L
VC: 1.1 ug/L

HC-MW-02
PCE: 990 ug/L
TCE: 66 ug/L
cDCE: 28 ug/L
VC: 0.82 ug/L

MW-11
PCE: 1200 ug/L
TCE: 38 ug/L
VC: 0.43 ug/L

MW-04
VC: 0.34 ug/L

MW-03
VC: 0.84 ug/L

MW-13
PCE: 7.1 ug/L
cDCE: 65 ug/L
VC: 30 ug/L

MW-07
VC: 2.1 ug/L

AMW-20
VC: 0.32 ug/L

AMW-04
PCE: 210 ug/L
TCE: 36 ug/L
cDCE: 68 ug/L
VC: 6.5 ug/L

MW-10
VC: 0.34 ug/L

MW-09
PCE: 110 ug/L
TCE: 43 ug/L
cDCE: 86 ug/L
VC: 7.3 ug/L

AMW-16
VC: 1.9 ug/L

AMW-15
VC: 2.8 ug/L

AMW-13
PCE: 93 ug/L
TCE: 41 ug/L
cDCE: 84 ug/L
VC: 7.6 ug/L

AMW-11
VC: 0.24 ug/L

MW-01
cDCE: 19 ug/L
VC: 5.3 ug/L

HC-MW-04 | HC-MW-07 | AMW-09 | AMW-05 | AMW-06 | AMW-07 | MW-08 | MW-12 | MW-05 | MW-02 | MW-06 | AMW-12 | AMW-17 | AMW-03 | AMW-08 | AMW-14 | AMW-18 | 29TH AVE S | 60 | 65 | 50 | 45

DECEMBER 2020
(AFTER MADDUX NORTH AND SOUTH EXCAVATION)

HC-MW-05
PCE: 1270 ug/L
TCE: 14.5 ug/L

HC-MW-02
PCE: 377 ug/L
TCE: 38.5 ug/L
VC: 1.25 ug/L

HC-MW-03
PCE: 38.1 ug/L

HC-MW-01
PCE: 104 ug/L
TCE: 24.4 ug/L
cDCE: 114 ug/L
VC: 42.3 ug/L

AMW-19
cDCE: 28.2 ug/L
VC: 4.18 ug/L

AMW-06
PCE: 22.6 ug/L

AMW-24
PCE: 461 ug/L
TCE: 17.0 ug/L

MW-07
cDCE: 16.2 ug/L
VC: 2.62 ug/L

AMW-22
VC: 1.19 ug/L

MW-10
VC: 1.30 ug/L

AMW-15
VC: 6.06 ug/L

AMW-16
VC: 1.40 ug/L

AMW-11
VC: 0.920 ug/L

HC-MW-04 | HC-MW-07 | HC-MW-06 | AMW-09 | AMW-03 | AMW-07 | MW-05 | MW-06 | AMW-17 | AMW-20 | AMW-08 | AMW-23 | AMW-14 | AMW-18 | S MC CLELLAN ST | 29TH AVE S | 70 | 60 | 55 | 50 | 45

JUNE 2022
(AFTER 29TH AVE S. INJECTIONS)

AMW-25
cDCE: 58.4 ug/L
VC: 3.65 ug/L

HC-MW-06
PCE: 19.0 ug/L
cDCE: 51.2 ug/L

HC-MW-05
PCE: 420 ug/L
TCE: 9.35 ug/L

HC-MW-03
VC: 4.33 ug/L

HC-MW-02
PCE: 102 ug/L
TCE: 12.8 ug/L
VC: 0.912 ug/L

AMW-19
PCE: 13.9 ug/L
TCE: 12.1 ug/L
cDCE: 49.1 ug/L
VC: 6.74 ug/L

AMW-24
PCE: 355 J ug/L
TCE: 12.6 ug/L

AMW-22
VC: 0.985 ug/L

AMW-20
PCE: 7.87 ug/L

MW-07
VC: 2.69 ug/L

MW-10

AMW-15
VC: 4.04 ug/L

AMW-11
VC: 1.20 ug/L

HC-MW-04 | HC-MW-07 | HC-MW-01 | AMW-09 | AMW-03 | AMW-06 | AMW-07 | MW-05 | MW-06 | AMW-17 | AMW-16 | AMW-08 | AMW-23 | AMW-14 | AMW-18 | S MC CLELLAN ST | 29TH AVE S | MARTIN LUTHER KING JR WAY S | 70 | 60 | 65 | 55 | 50 | 45

DECEMBER 2022
(AFTER MCCLELLAN INJECTIONS)

AMW-25
cDCE: 65.6 ug/L
VC: 1.97 ug/L

HC-MW-06
VC: 9.02 ug/L

HC-MW-05
VC: 20.9 ug/L

HC-MW-03

HC-MW-02
VC: 5.38 ug/L

AMW-19
PCE: 43.2 ug/L
TCE: 23.6 ug/L
VC: 14.3 ug/L

AMW-24
PCE: 238 E ug/L
TCE: 25.5 ug/L

AMW-22
VC: 0.974 ug/L

AMW-20
PCE: 7.84 ug/L

MW-07
VC: 0.810 ug/L

MW-10
VC: 0.334 ug/L

AMW-15
VC: 5.02 ug/L

AMW-16
VC: 1.19 ug/L

AMW-11
VC: 0.854 ug/L

HC-MW-04 | HC-MW-07 | HC-MW-01 | AMW-09 | AMW-03 | AMW-06 | AMW-07 | MW-05 | MW-06 | AMW-17 | AMW-08 | AMW-23 | AMW-14 | AMW-18 | S MC CLELLAN ST | 29TH AVE S | MARTIN LUTHER KING JR WAY S | 70 | 60 | 65 | 55 | 50

N

0 100 200 Feet

Monitoring Well
Monitoring Well Not Sampled for CVOCs
CVOC dectected at concentrations above Site Specific Cleanup Levels
CVOC dectected at concentrations below Site Specific Cleanup Levels
CVOC not detected

Subject Property
Maddux Building Footprint
Building Footprint
Tax Parcel
Groundwater Contour *(dashed where inferred)*

PCE TCE VC cDCE

Sample ID
AMW-24
PCE: 238 E ug/L
TCE: 25.5 ug/L
Result Value

Notes:
1. ug/L = micrograms per liter
2. cDCE = cis-1,2-Dichloroethene
3. PCE = Tetrachloroethene
4. TCE = Trichloroethene
5. VC = Vinyl Chloride
6. cVOCs = Chlorinated Volatile Organic Compounds

CVOC Concentrations in Groundwater

Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect CONSULTING

APR-2023	BY: MWC / AWP / NLK	FIGURE NO. 19
PROJECT NO. 160324	REVISED BY: ---/---	

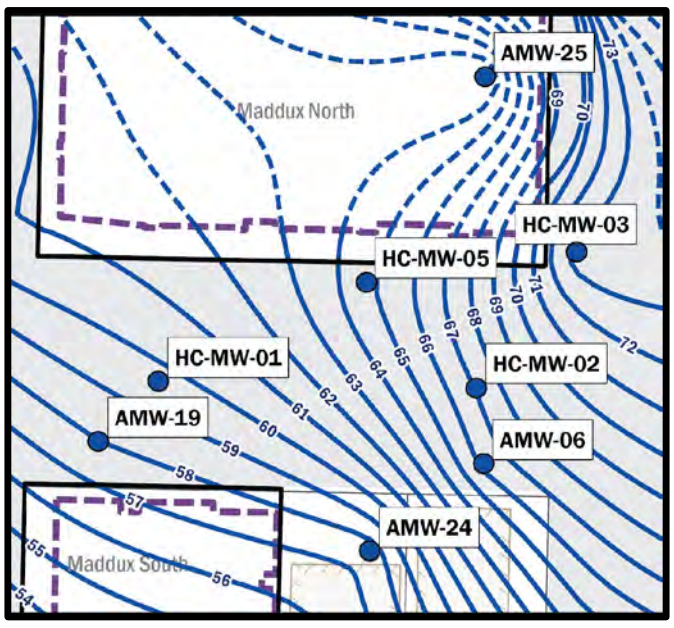
Data source credits: None || Basemap Service Layer Credits: NA

ArcGIS Pro: G:\projects\MBHADevelopment_160324\MBHADevelopment_160324.aprx || No Projected Coordinate System || Date Saved: 4/17/2023 || Exported 4/17/2023 11:21 by mkoche

Figure 20. Groundwater Analytical Results – Time-Series cVOC Graphs

Project No.160324, Seattle, Washington

Maddux North cVOCs



Legend

- PCE - tetrachloroethene
- TCE - trichloroethene
- cDCE - cis-1,2 dichloroethene
- VC - vinyl chloride
- Date of Injection event
- Groundwater elevation (feet NAVD88)
- Duration of excavation

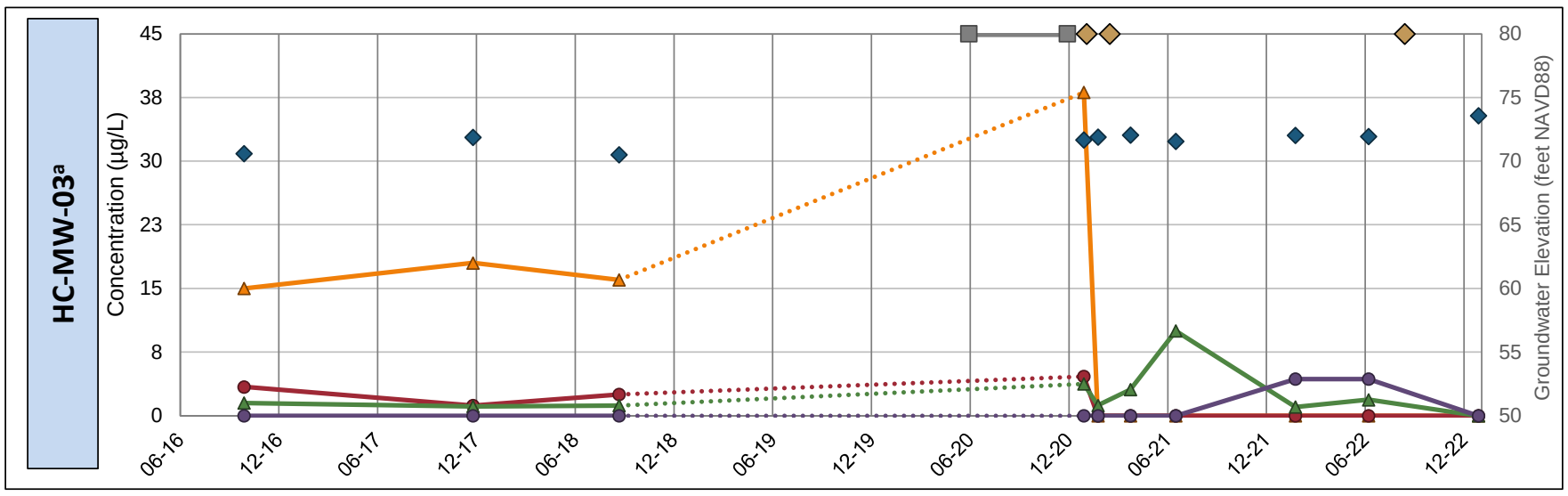
µgl/L - microrams per liter

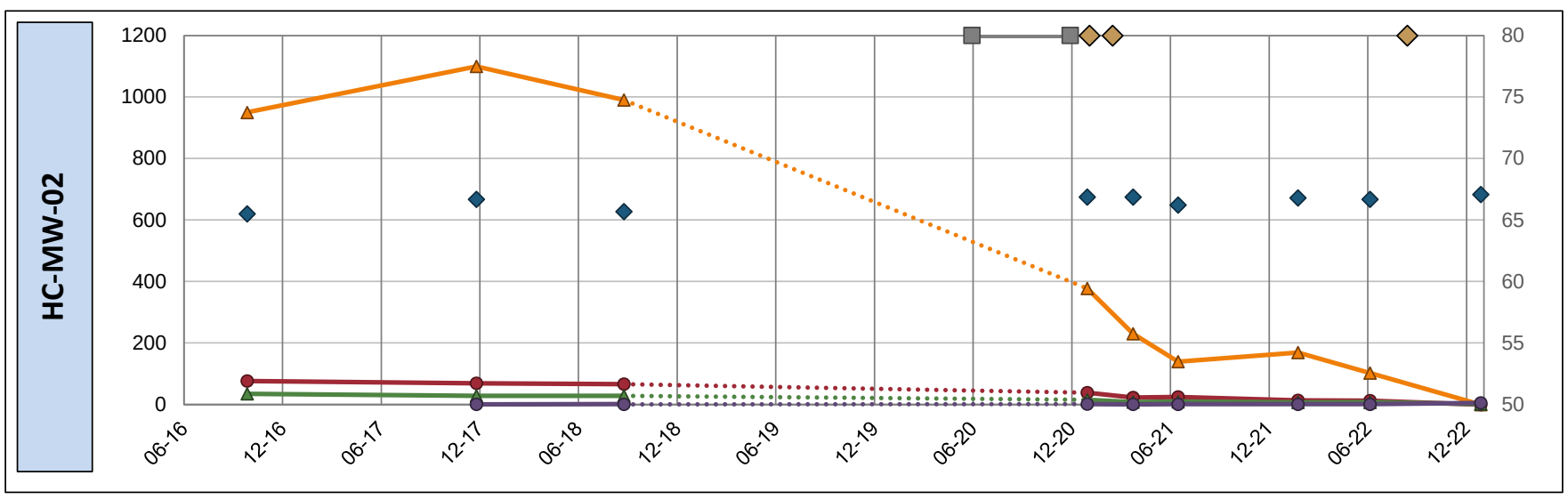
Notes

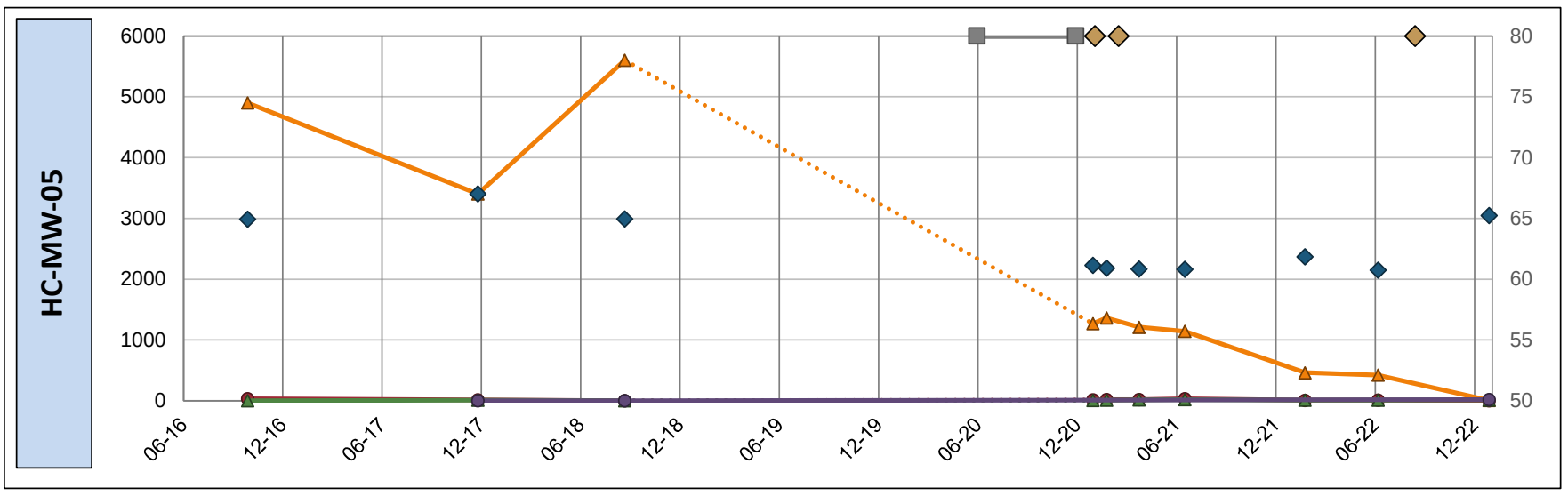
1. Groundwater elevation contours represent groundwater levels obtained in December 2022.
2. Nondetect results were graphed using a value of zero

[a] HC-MW-03 is decommissioned and will be replaced with AMW-29

[b] HC-MW-01 has been inaccessible since Spring 2022







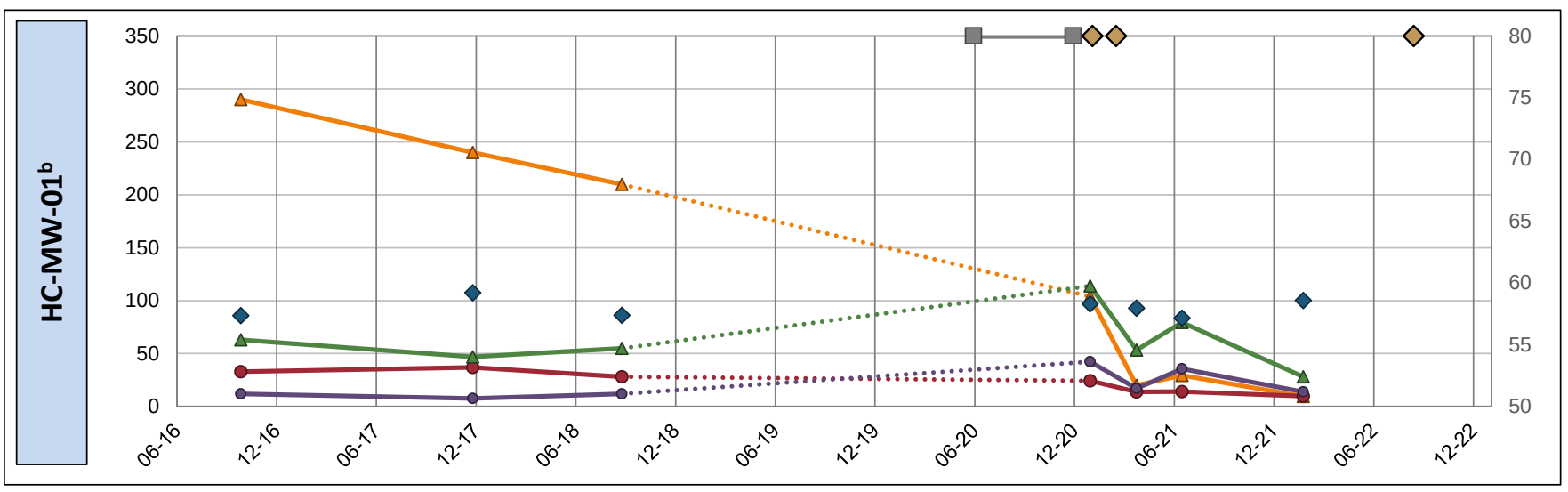
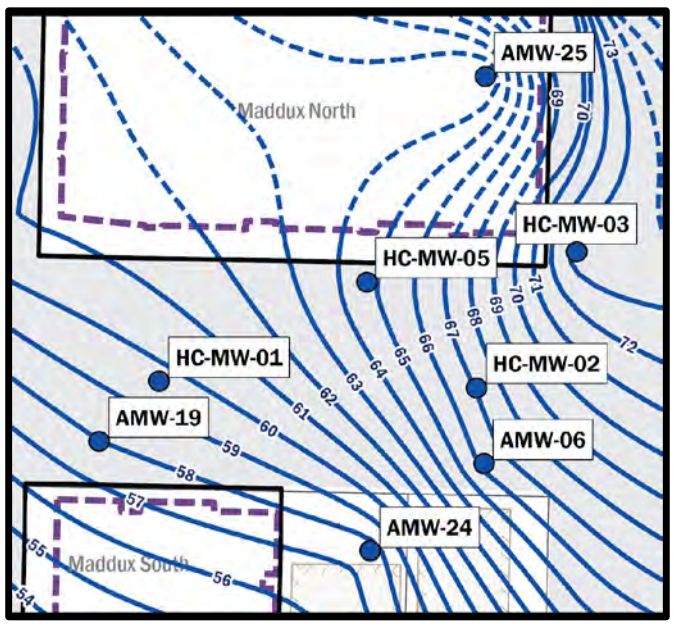


Figure 20. Groundwater Analytical Results – Time-Series cVOC Graphs

Project No.160324, Seattle, Washington

Maddux North cVOCs



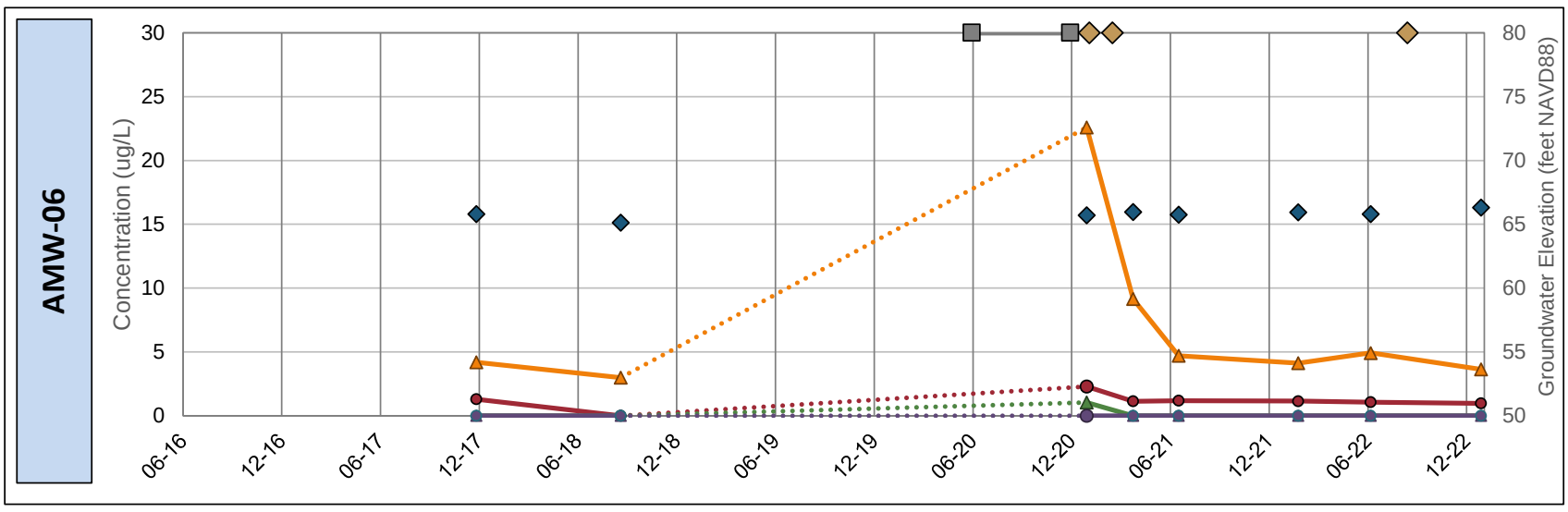
Legend

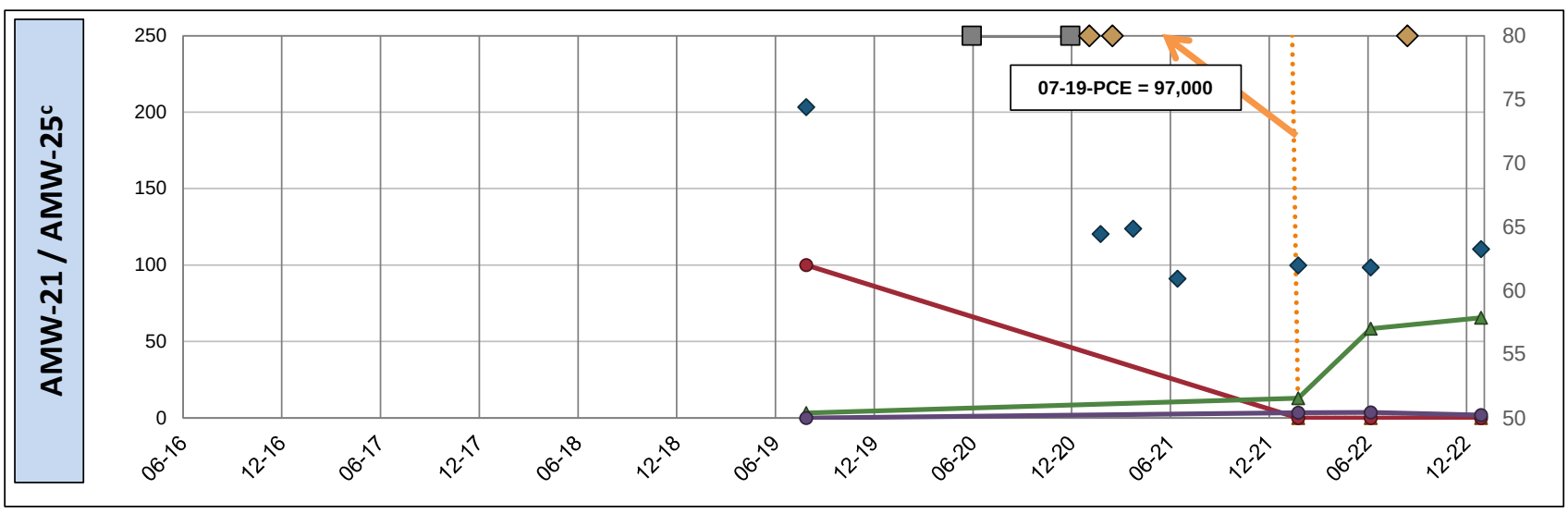
µgl/L -

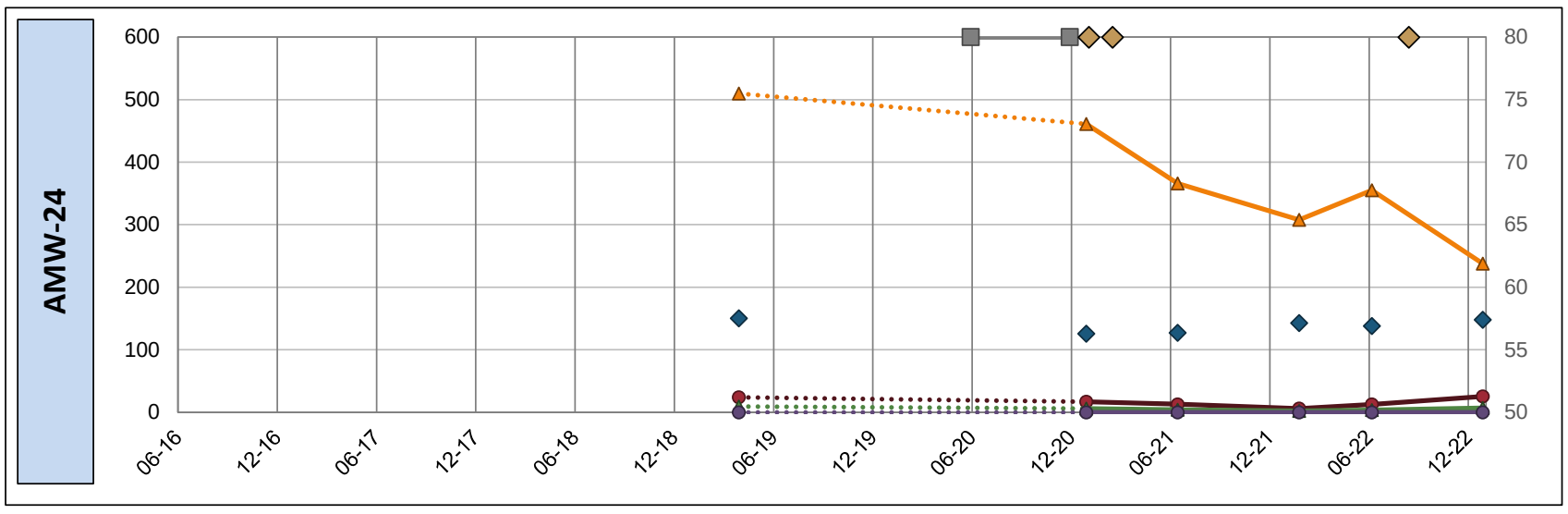
Notes

1. Groundwater elevation contours represent groundwater levels obtained in December 2022.
2. Nondetect results were graphed using a value of zero

[c] AMW-25 was drilled in January 2021 to replace AMW-21 following construction. Data from AMW-21 is graphed with AMW-25 data.







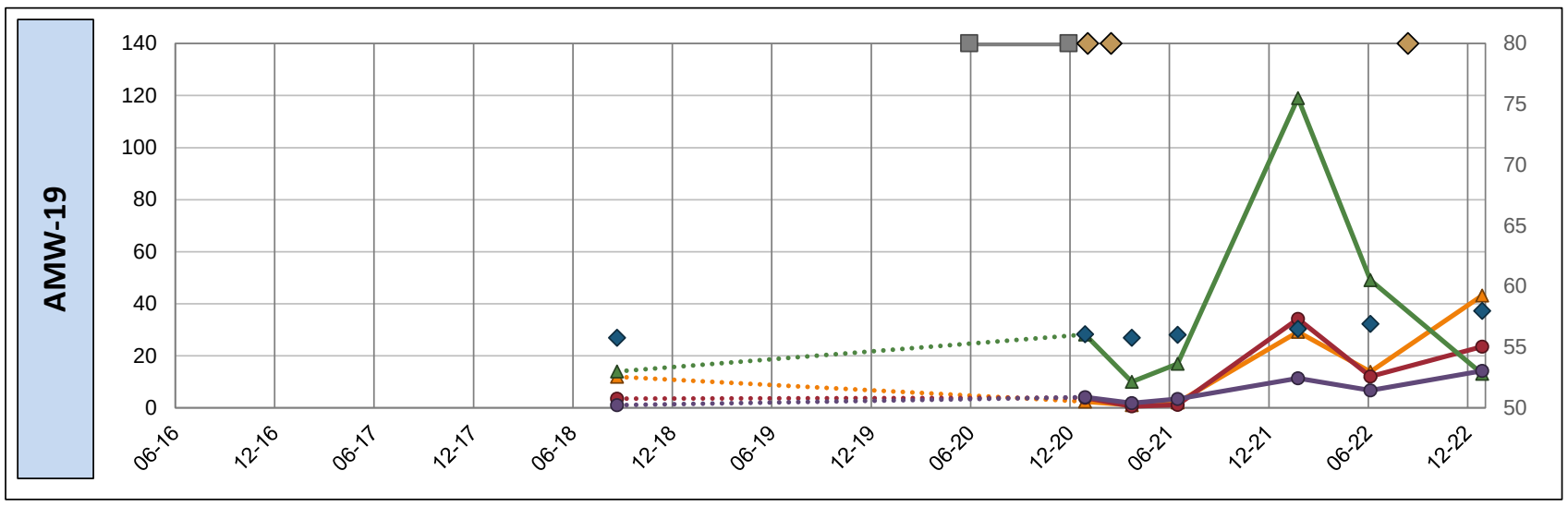


Figure 21. Groundwater Analytical Results – Absolute Molar cVOC Concentrations

Project No.160324, Seattle, Washington

Legend

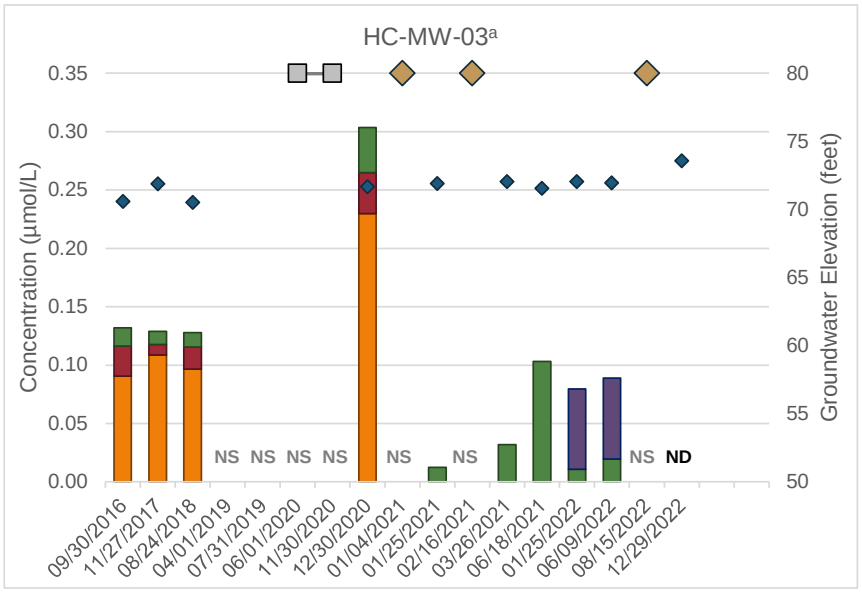
- PCE - tetrachloroethene
- TCE - trichloroethene
- cDCE - cis-1,2 dichloroethe
- VC - vinyl chloride
- ND Nondetect
- Groundwater Elevation (feet NAVD88)
- Date of Injection event
- Duration of Excavation
- NS Not sampled
- µmol/L - µmol/L - micromoles per liter

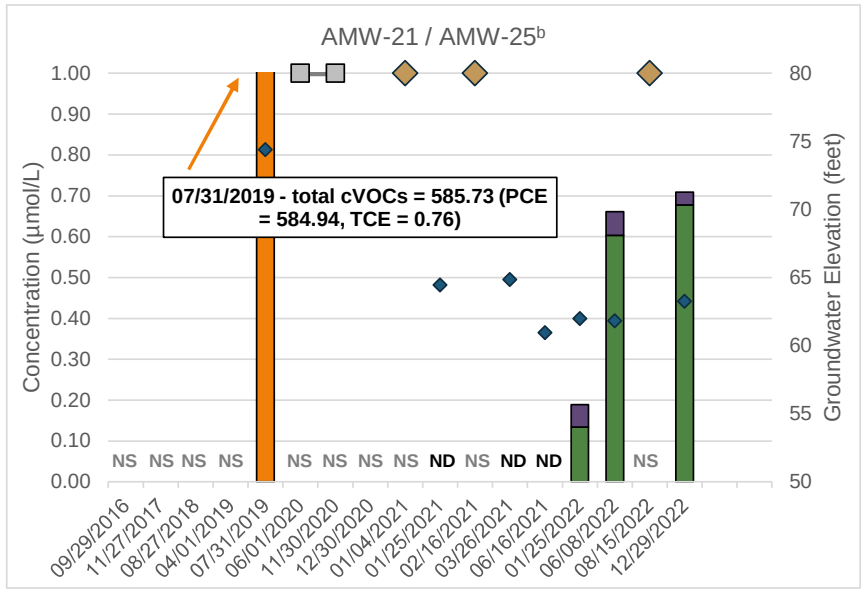
Notes

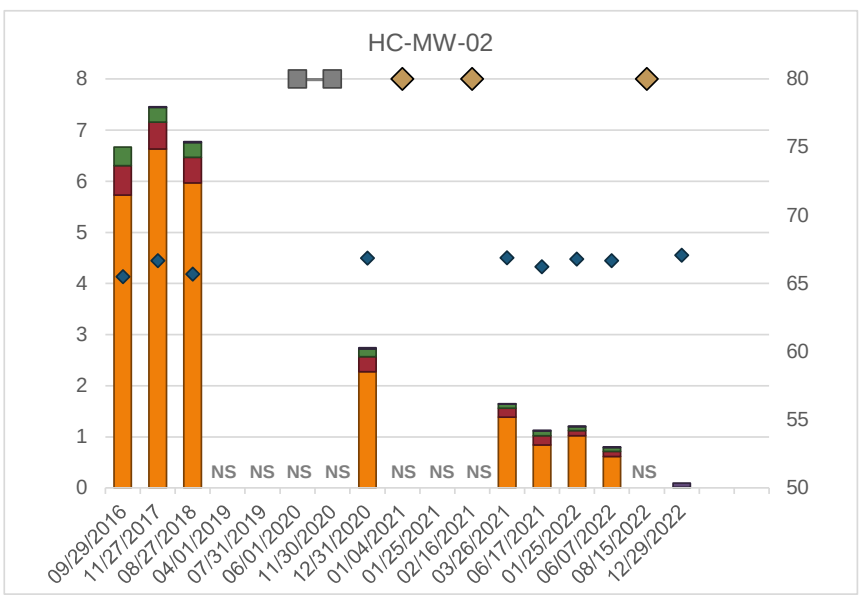
[a] HC-MW-03 is decommissioned and will be replaced with AMW-29

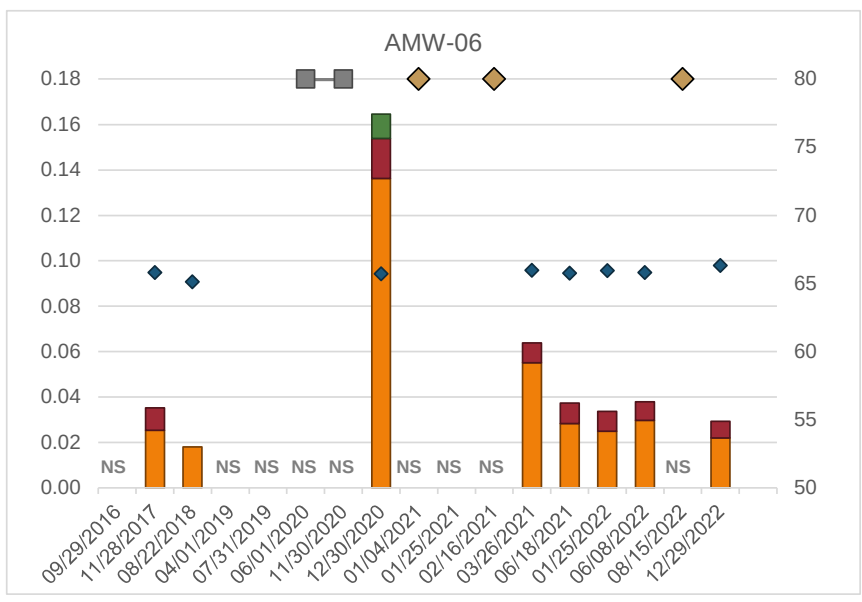
[b] AMW-25 was drilled in January 2021 to replace AMW-21 following construction. Data from AMW-21 is graphed with AMW-25 data.

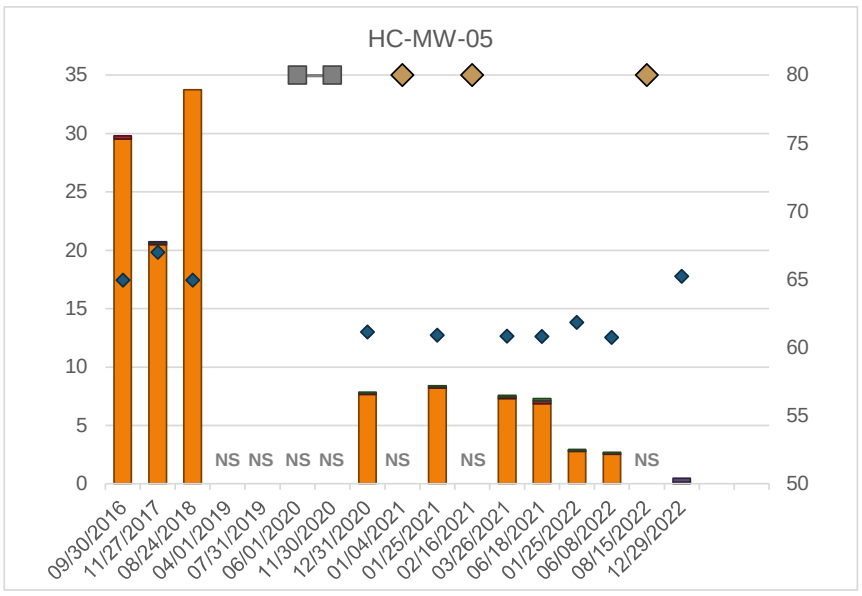
[c] HC-MW-01 has been inaccessible since Spring 2022

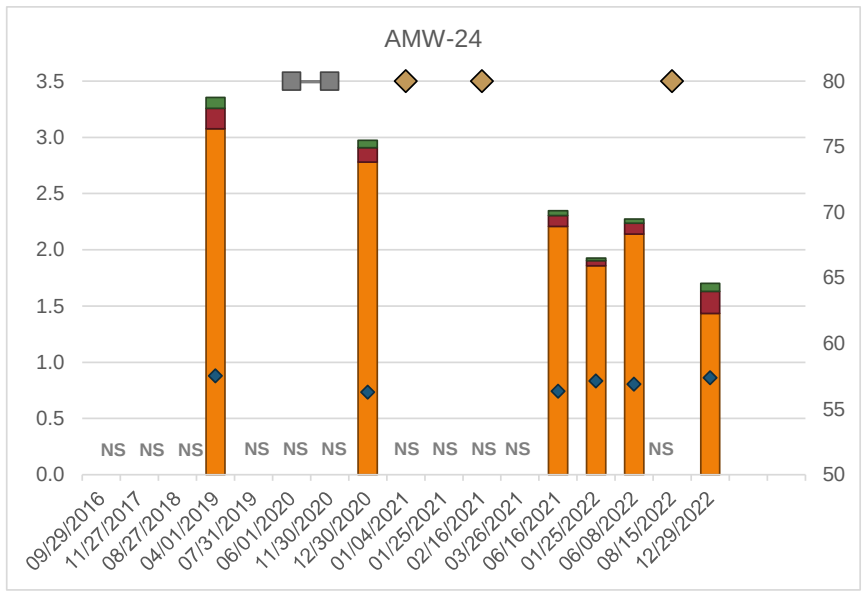


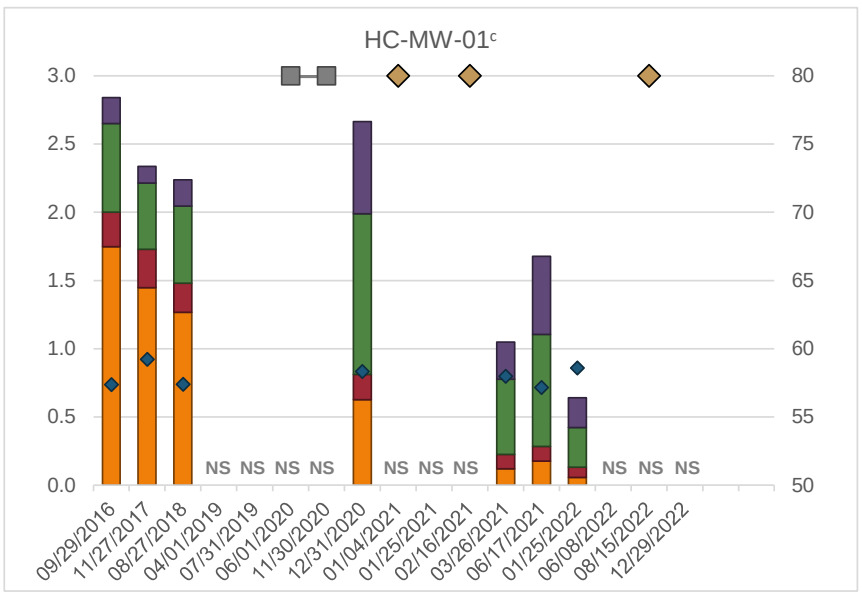


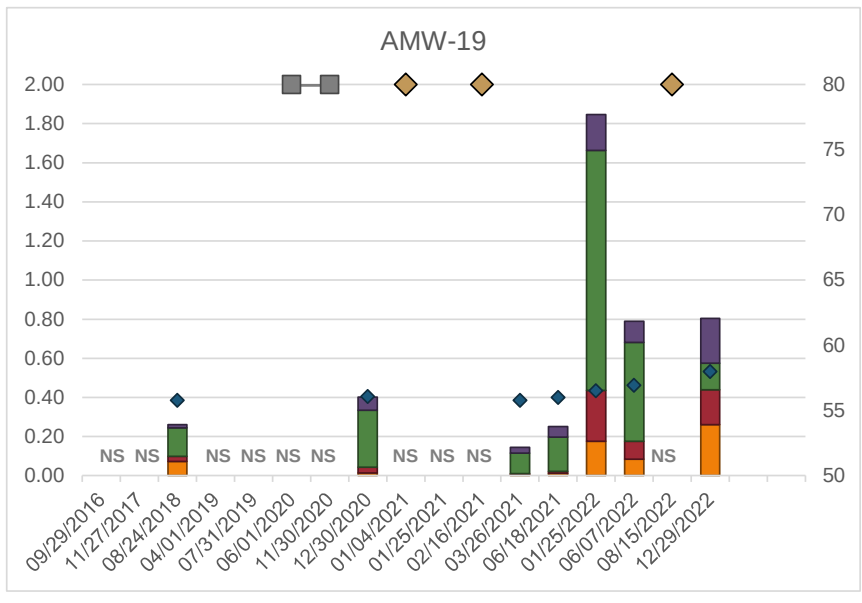












Aspect Consulting

3/3/2023

\\seafps\Projects\Mt Baker Housing_Gateway_McClellan 160324\Report Drafts\2023.02 Cleanup Action Report\Figures\2023.03-CVOC GW Graphs_zeroNDs

Figure 21

Figure 22. Groundwater Analytical Results – Relative Molar cVOC Concentrations

Project No.160324, Seattle, Washington

Legend

- PCE - tetrachloroethene
- TCE - trichloroethene
- cDCE - cis-1,2 dichloroether
- VC - vinyl chloride
- ND Nondetect
- Groundwater Elevation (feet NAVD88)
- Date of Injection event
- Duration of Excavation
- NS Not sampled

Notes

[a] HC-MW-03 is decommissioned and will be replaced with AMW-29

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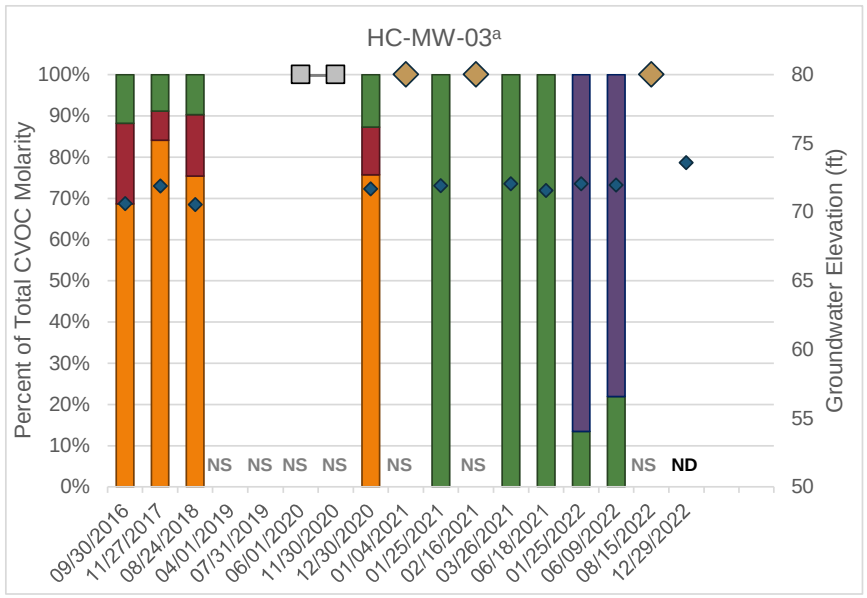
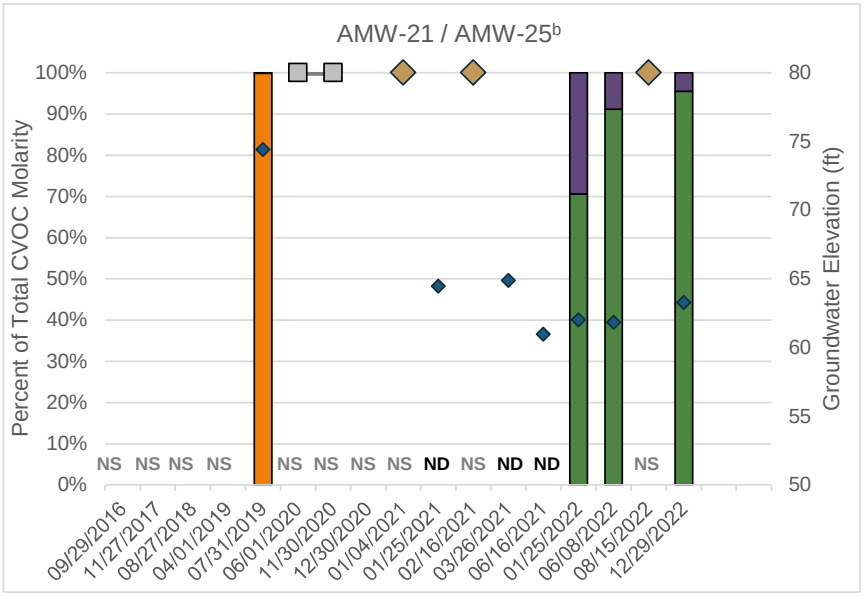
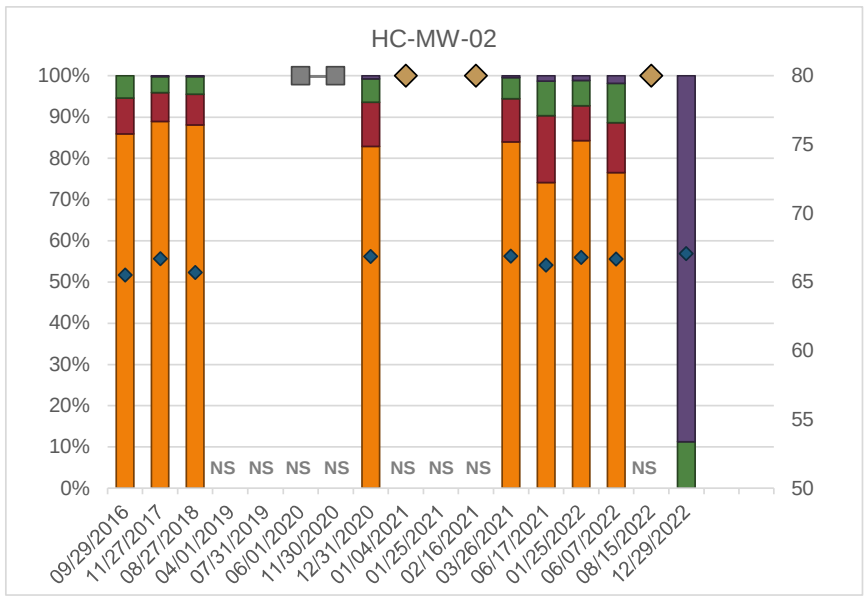
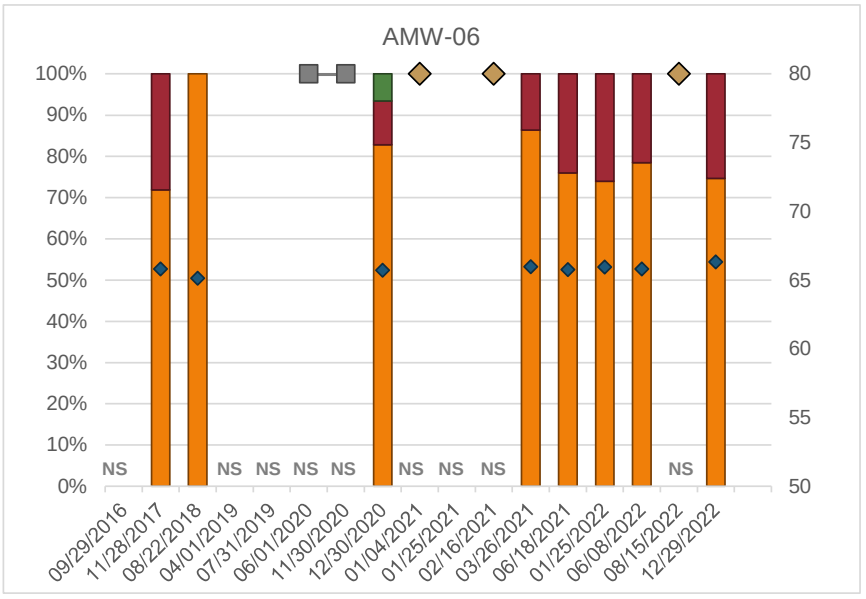
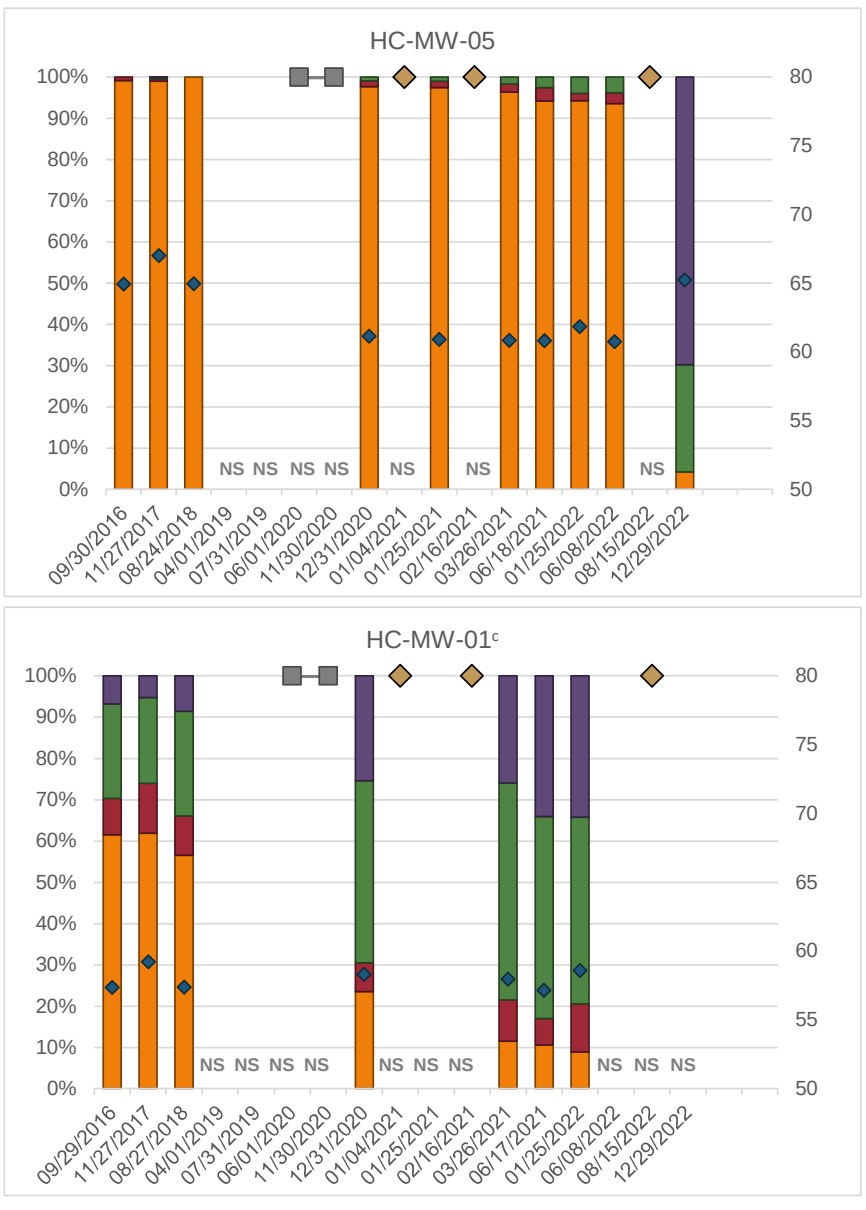


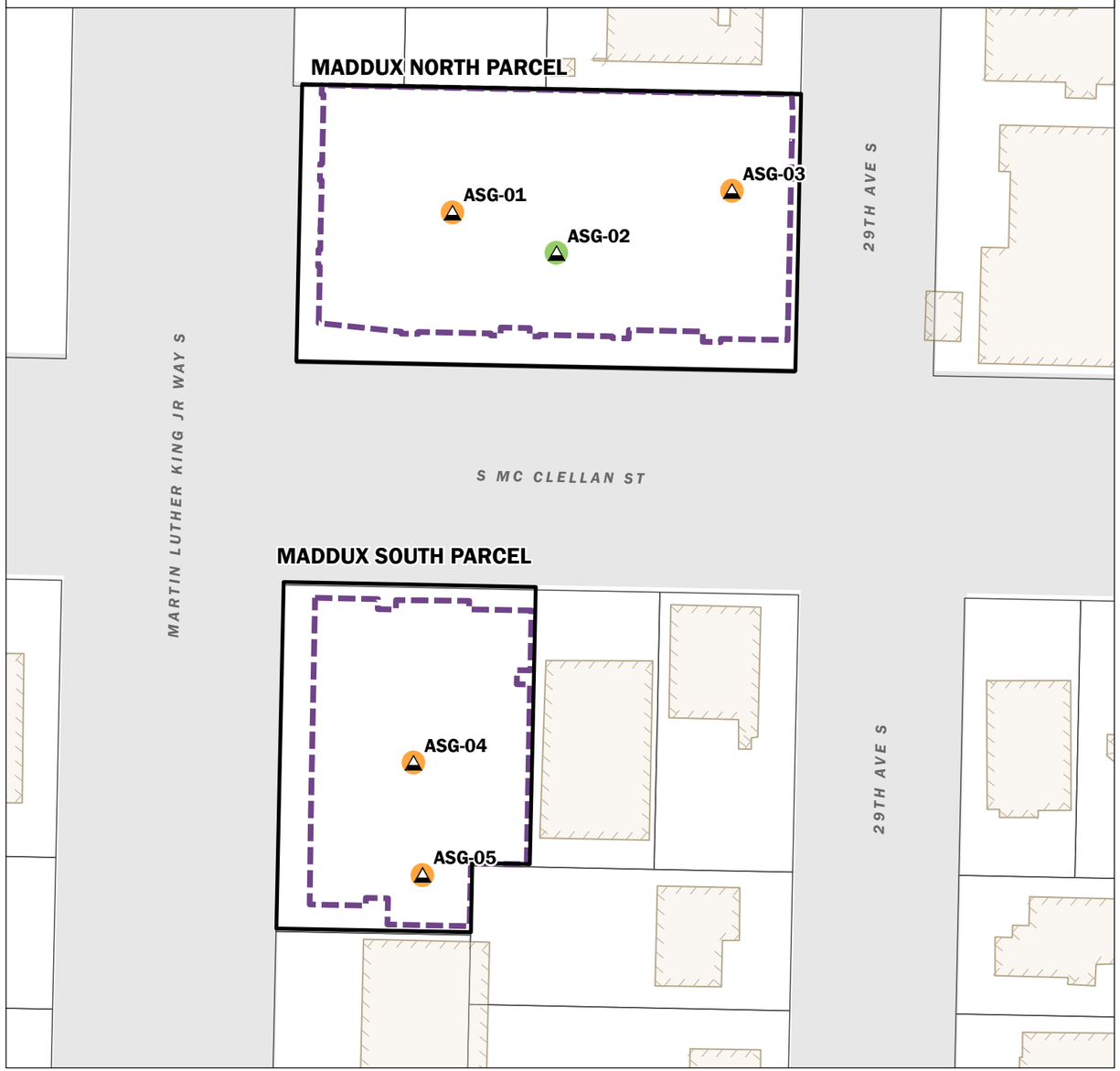




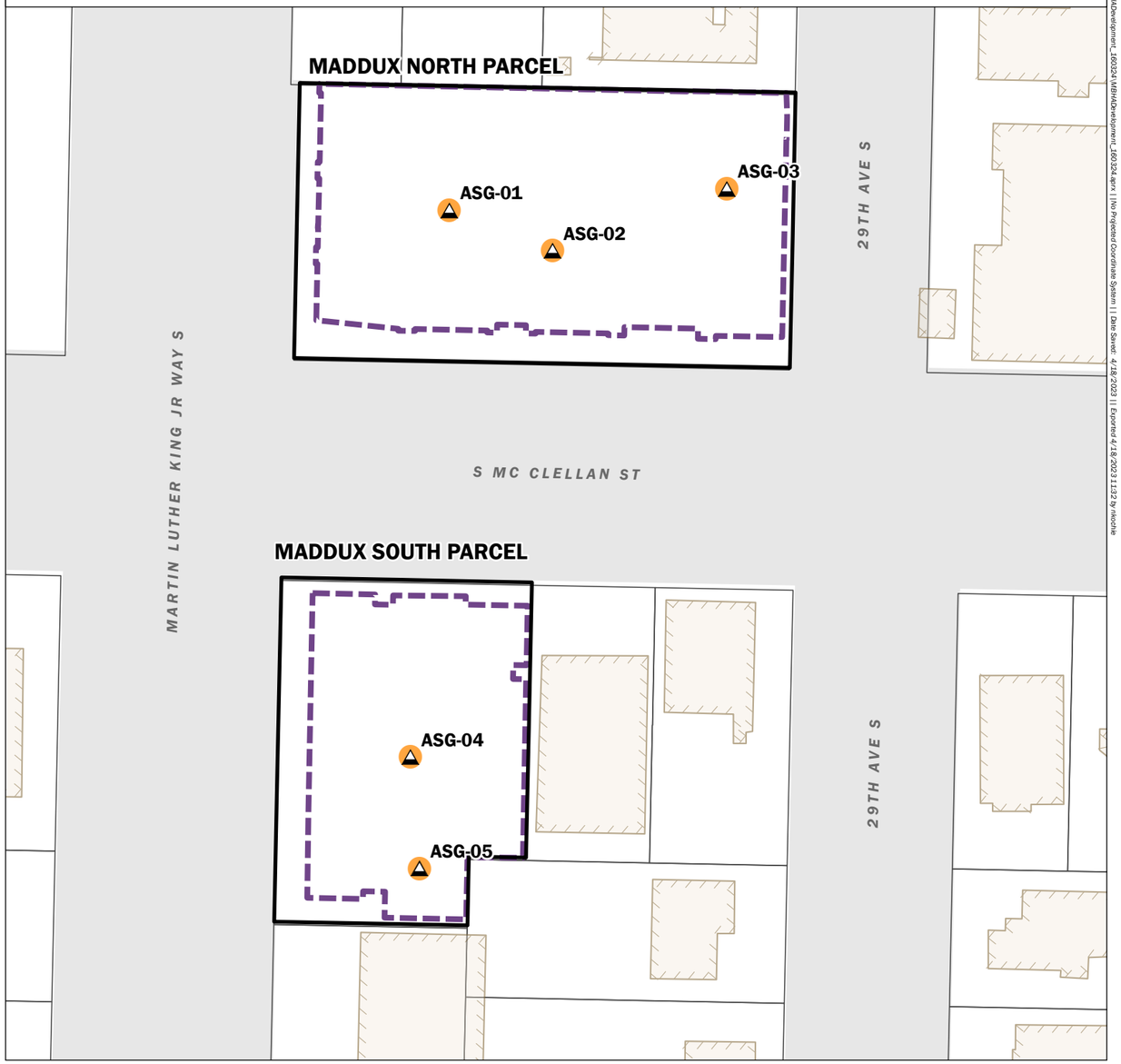




JUNE 2022



DECEMBER 2022



- Soil Gas Sample Location
- COCs dectected at concentrations below Site Specific Cleanup Levels
- COCs not dectected
- Subject Property
- Maddux Building Footprint
- Building Footprint
- Tax Parcel

Notes:
1. COCs = Contaminants of Concern
2. TPH = Total Petroleum Hydrocarbons
3. cVOCs = Chlorinated Volatile Organic Compounds
4. Soil gas COCs for Maddux North include cVOCs and for Maddux South include cVOCs and TPH

N

0 50 100 Feet

Soil Gas Concentrations

Cleanup Action Report
Mount Baker Properties Site
Seattle, Washington

Aspect Consulting	APR-2023	BY: MWC / AWP / NLK	FIGURE NO. 23
	PROJECT NO. 160324	REVISED BY: ---/---	

Data source credits: None || Basemap Service Layer Credits: NA

ArcGIS Pro: C:\projects\MBHADevelopment_160324\MBHADevelopment_160324.aprx | | No Projected Coordinate System | | Date Saved: 4/18/2023 | | Exported 4/18/2023 1132 by mkoche

APPENDIX A

Contained-In Request and Determination Letter

Andrew Yonkofski

From: Collins, Mindy (ECY) <MINC461@ECY.WA.GOV>
Sent: Friday, September 18, 2020 10:30 AM
To: Jessica Smith; Yasuda, Dean (ECY)
Cc: Bianco, Paul (ECY); Matthews, Sandra (ECY); Barry Baker; Andrew Yonkofski
Subject: RE: Mt. Baker Properties - DW Reporting and Request for CID Extension
Attachments: Final Ecology Contained Out Approval Letter Mt Baker with Figures 3a and 3b, Tables A and B May 7-2020.pdf

Good Morning Jessica,

Ecology received your September 16, 2020 request for an extension for the purposes of continued excavation and disposal of soils from the Mt. Baker Housing properties site located at South McLellan Street in Seattle, WA. Ecology granted a contained-in request for this site with an original deadline of September 30, 2020 (see attached letter, dated May 7. 2020). We understand that you are requesting an additional month to complete excavation.

Your extension request through October 30, 2020, is granted. All of the other conditions stated in the attached May 7 approval letter still apply.

If you have any questions or need further information please feel free to contact me.

Sincerely,

Mindy Collins
Hazardous Waste Compliance Inspector
Hazardous Waste and Toxics Reduction
WA Department of Ecology, Bellingham Field Office
(360) 255-4383

From: Jessica Smith <jsmith@aspectconsulting.com>
Sent: Wednesday, September 16, 2020 12:47 PM
To: Yasuda, Dean (ECY) <DYAS461@ECY.WA.GOV>
Cc: Collins, Mindy (ECY) <MINC461@ECY.WA.GOV>; Bianco, Paul (ECY) <PBIA461@ECY.WA.GOV>; Matthews, Sandra (ECY) <smat461@ECY.WA.GOV>; Barry Baker <barry@mtbakerhousing.org>; Andrew Yonkofski <ayonkofski@aspectconsulting.com>
Subject: Mt. Baker Properties - DW Reporting and Request for CID Extension

THIS EMAIL ORIGINATED FROM OUTSIDE THE WASHINGTON STATE EMAIL SYSTEM - Take caution not to open attachments or links unless you know the sender AND were expecting the attachment or the link

Hi Dean,

On behalf of Mt. Baker Housing Association and in accordance with the Contained-In Determination for the Mt. Baker Properties Site, please find the attached letter documenting the excavation and permitted disposal of dangerous waste. In addition to providing the manifests for the dangerous waste disposal, this letter also includes a request for an extension to the Contained-In Determination for the Site, which currently expires on September 30, 2020.

We will mail two hard copies to the NWRO and one hard copy to the Bellingham field office tomorrow. Please review and let me know if you have any questions, otherwise, please respond to the CI extension request.

Thanks!
Jessica

Jessica Smith, LG | Associate Geologist | Cell: 206.423.8289
Aspect Consulting LLC | 710 2nd Ave, Suite 550, Seattle 98104 | www.aspectconsulting.com

Bainbridge Island - Bellingham - Seattle - Wenatchee – Yakima – Portland

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STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
Northwest Regional Office • 3190 160th Avenue SE • Bellevue, Washington 98008-5452 • (425) 649-7000
711 for Washington Relay Service • Persons with a speech disability can call (877) 833-6341

May 7, 2020

Conor J. Hansen
Mt. Baker Housing Association
2916 South McClellan Street
Seattle, WA 98144

Re: Contained-In Determination for F002 Contaminated Soils at the Mt. Baker Housing parcels located at 2802, 2806, 2810 and 2864 South McClellan Street, Seattle, Washington (WAD081927550, Facility Site ID #96127971, Cleanup Site ID #13054)

Reference: 1. Letter Report, J. Smith and D. Cook (Aspect Consulting) to D. Yasuda (Ecology), dated April 7, 2020.
2. Letter Report, J. Smith and D. Cook (Aspect Consulting) to D. Yasuda (Ecology), dated May 2, 2019.

Dear Conor J. Hansen:

The Washington State Department of Ecology (Ecology) received a contained-in determination request from your environmental consultant, Aspect Consulting (Aspect) for specific F002 listed waste perchloroethylene contaminated soils to be excavated during cleanup remedial actions at **the Mt. Baker Housing parcels located at 2802, 2806, 2810 and 2864 South McClellan Street, Seattle, Washington.**

Analytical data were submitted to Ecology to determine if these soils contaminated with F002 listed dangerous waste constituents may be exempt from management as dangerous wastes per the "Contained-In Policy."[1]

Based on the information received and reviewed, Ecology's determination is two-fold:

1) Approximately **243 tons** of F002 (PCE) listed waste contaminated soils on the 2864 South McClellan Street parcel shall be excavated, managed and disposed as F002 listed dangerous wastes per Chapter 173-303 WAC. (See Attached Figures 3a and 3b, Table A). Send **paper and electronic (pdf)** copies of all fully signed dangerous waste manifests to Ecology (D. Yasuda) within 15 calendar days of transportation to a RCRA treatment,

[1] Washington State Department of Ecology Contained-in Policy, dated February 19, 1993

storage and disposal facility (TSDF), or by **September 30, 2020**, whichever is the earliest.

2) Ecology has determined that the **14,300 tons** of perchloroethylene (PCE) contaminated soils to be excavated (Attached Figures 3a and 3b and Table B) during remedial actions are contaminated with F002 listed dangerous waste constituents (PCE) at concentrations that do not warrant management as dangerous wastes. Ecology understands that these contaminated soils do not designate under federal characteristics (WAC 173-303-090) or State-only criteria (WAC 173-303-100). Ecology will not require disposal of these **14,300 tons** of PCE contaminated soils as F002 listed dangerous wastes at a RCRA permitted dangerous waste treatment, storage and disposal (TSD) facility, provided that **all** of the following conditions are implemented. This contained-in determination applies only to the contaminated soils, and does not pertain to contaminated water or any mixture of contaminated soils and drilling fluids.

   You and your environmental consultant, Aspect shall:

- Ensure that no standing water is present within the containers or trucks holding the contaminated soils. All water must be removed to the maximum extent possible from each container or truck and managed as F002 dangerous wastes or as otherwise allowed under Chapter 173-303 WAC. Adding bentonite or similar materials to absorb standing F002 listed waste contaminated water in the containers is not allowed. Mixtures of bentonite or similar materials and the listed waste contaminated water must be managed as F002 listed dangerous wastes;

- Directly deliver the soils to a solid waste landfill permitted under Chapter 173-351 WAC inside Washington State. If you plan to deliver the contaminated soils to a landfill outside Washington State, you must FIRST submit to Ecology written approval for the contaminated soil disposal from the State hazardous waste program and the out of state landfill, **before** the soils are delivered to the out of state landfill. No off-loading of the contaminated soils is allowed between the cleanup site and the permitted solid waste landfill;

- If you load the contaminated soils directly onto the truck bed or the contaminated soils are transported in roll-off bins, the truck or the roll-off bins must be lined with plastic and properly covered to prevent leaks, spills or dispersion due to wind.

- Dispose of the contaminated soils at the permitted solid waste landfill by **September 30, 2020**. This contained-in determination letter is no longer valid after **September 30, 2020** and the contaminated soils shall be managed as dangerous wastes after this date;

- Provide copies of all signed solid waste landfill receipts or a certificate of disposal issued by the receiving landfill for these contaminated soils to Ecology, attention of Dean Yasuda, by **October 15, 2020**. This is an important verification step for you and your consultant to follow in order for this Ecology decision to be valid;

- Do not consolidate these contaminated soils with other soils that do not pertain to this contained-in determination;

- Notify Ecology before disposal of the contaminated soil if the amount exceeds the approved amount in this letter. Ecology needs to make sure that the additional soil qualifies for this contained-in determination;

- Ensure that the transporter is properly trained to handle hazardous waste so that the transporter manages the contained-in determination soils during transport in a manner that is protective of human health and the environment;

- Take measures to prevent unauthorized contact with these contaminated soils at all times;

- Provide instructions to the landfill operator that these soils are **not** to be used for daily, intermediate, or final cover;

- Provide copies of all soil analytical data to the landfill operator, upon request; and

- Do not send these contaminated soils to any incinerator, thermal desorption unit or recycling facility unless that facility is a RCRA Subtitle C permitted dangerous waste TSD facility.

- Ecology issued this determination based on the information provided and reviewed to date. This Ecology determination will be rescinded if Ecology finds that the information submitted by the property owner or its environmental consultant is materially false, misleading, otherwise does not accurately represent the site conditions, or if the Ecology requirements listed above are not followed.

- This written decision only applies to the **14,300 tons** of specified PCE contaminated soils to be generated during excavation activities from areas described in your request (reference 1). It does not apply to any other media. Any data used for this contained-in determination is intended for use in determining the proper disposal of the above stated PCE contaminated soil according to the Washington State Dangerous Waste Regulations (Chapter 173-303 WAC) and Ecology Contained-in Policy. This letter is not an Ecology approval for dangerous waste designation or disposal of contaminated soils that may be generated or already excavated from other areas in this property.

This letter is not a No Further Action (NFA) letter and not written approval for any cleanup action plan you may have submitted. Instead, this letter only addresses the procedures for disposal of the contaminated soils according to the Washington State Dangerous Waste Regulations (Chapter 173-303 WAC). Regulatory decisions regarding the cleanup action, applicable soil and groundwater cleanup levels and any other cleanup issues must comply with the requirements under Ecology Model Toxics Control Act (Chapter 173-340 WAC).

If you fail to comply with the terms of this letter, Ecology may issue an administrative order and/or penalty as provided by the Revised Code of Washington, Sections 70.105.080 and/or .095 (Hazardous Waste Management Act).

If you have any questions concerning this letter, please contact me at (425) 649-7264 or dyas461@ecy.wa.gov.

Sincerely,

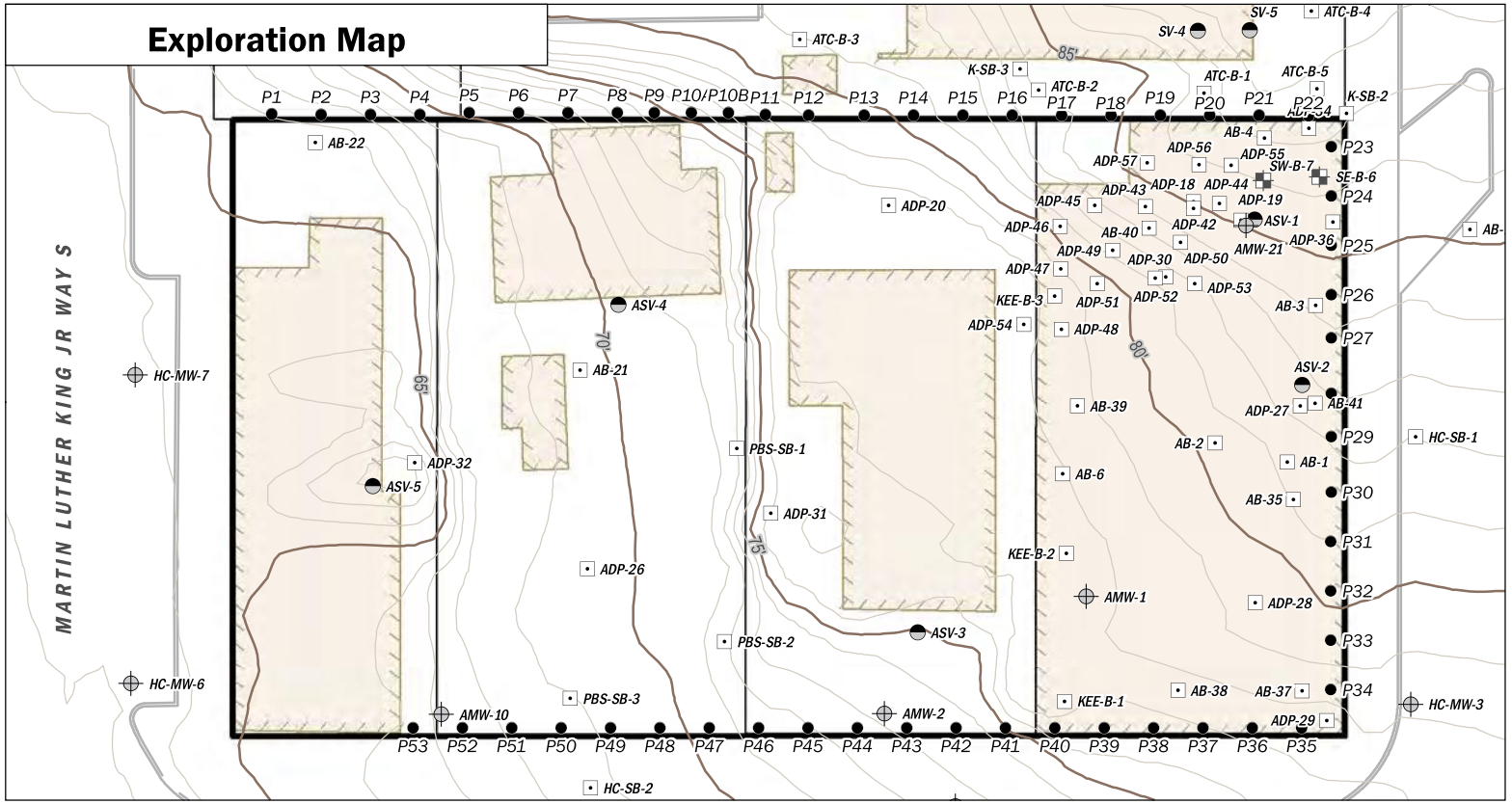
Dean Yasuda, PE
Hazardous Waste and Toxics Reduction Program

Sent by Certified Mail: 9171 9690 0935 0214 2270 09

Enclosures: Figures 3a and 3b, Tables A and B

ecc: Eyasu Ayalew, Seattle-King County Public Health, eayalew@kingcounty.gov
Darshan Dhillon, Seattle-King County Public Health, darshan.dhillon@kingcounty.gov
Dave Cook, Aspect Consulting
Jessica Smith, Aspect Consulting
Greg Caron, Ecology
Mindy Collins, Ecology
Christa Colouzis, Ecology
Chuck Hoffman, Ecology
Sandra Mathews, Ecology
Donna Musa, Ecology
Karen Wood, Ecology

Exploration Map



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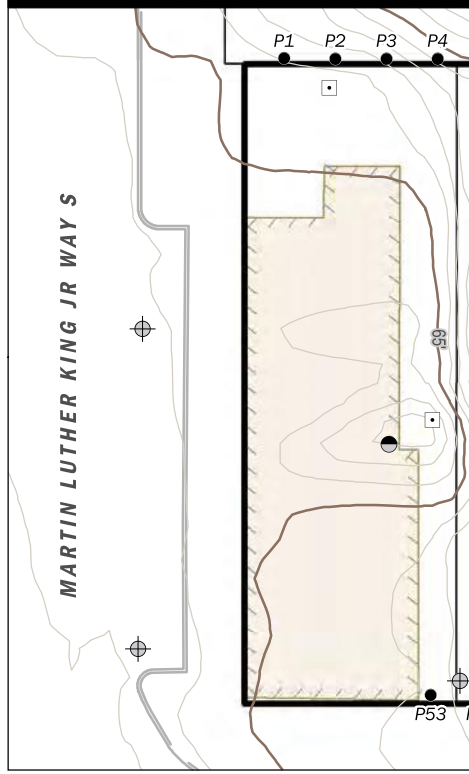

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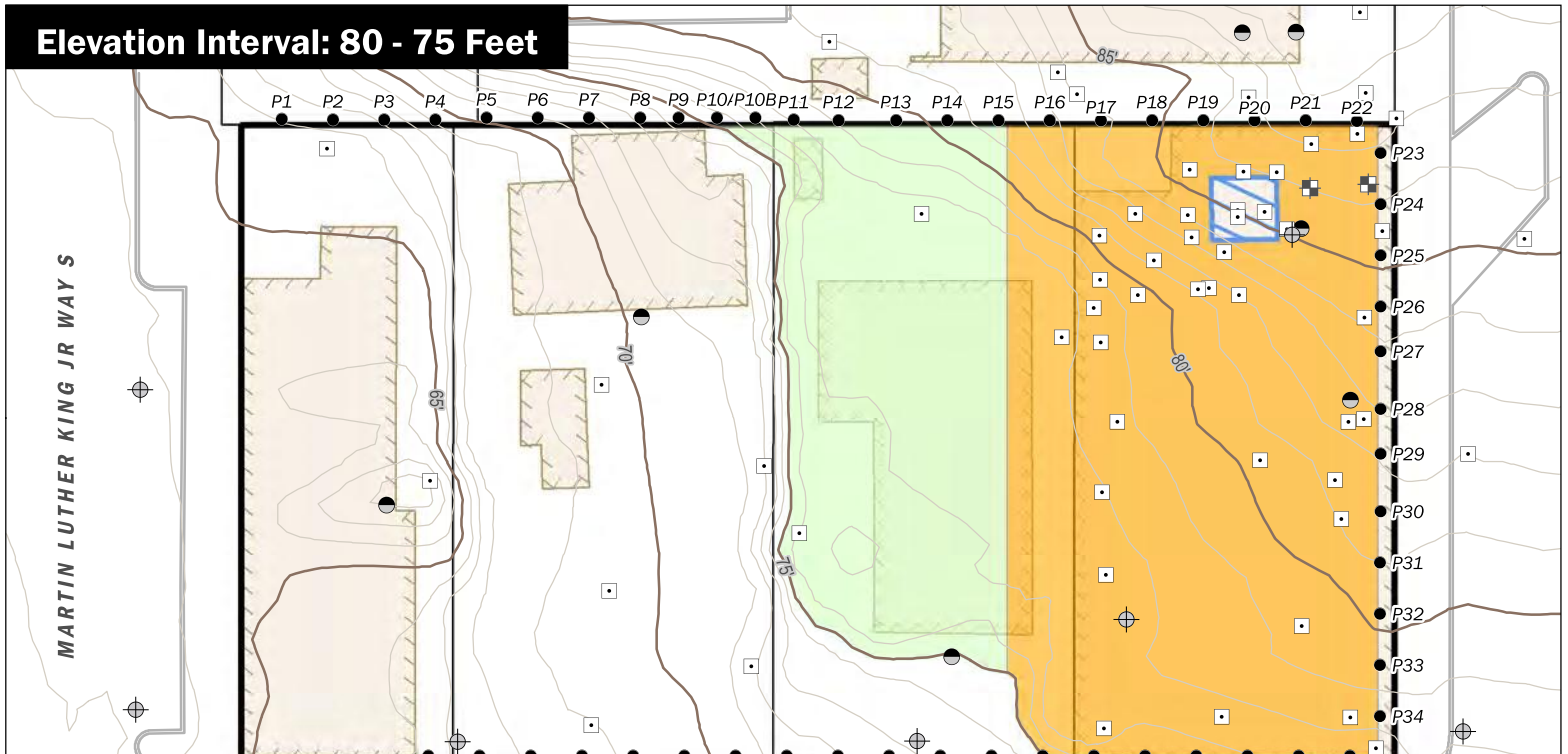

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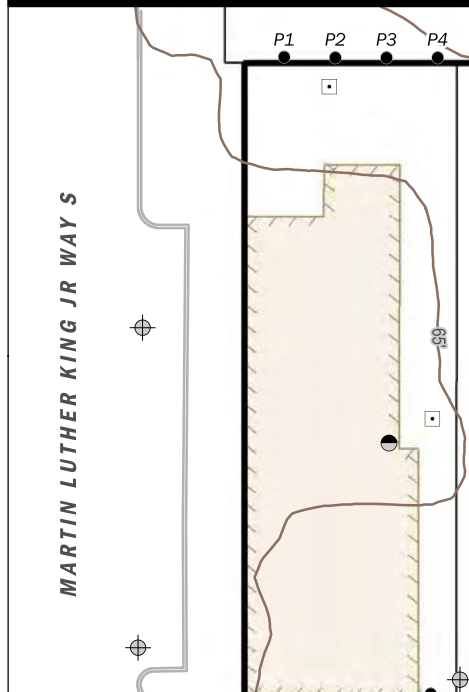

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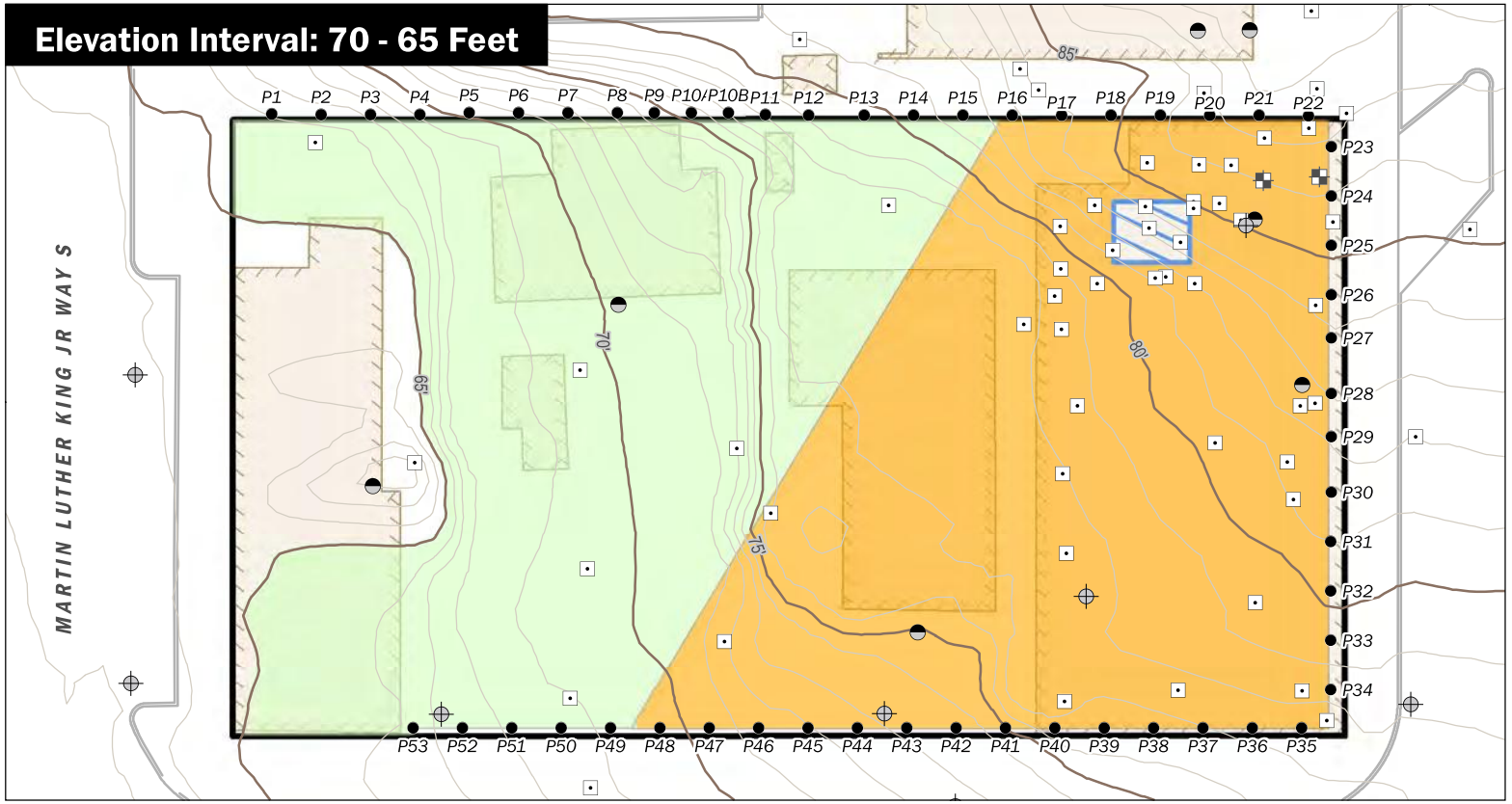

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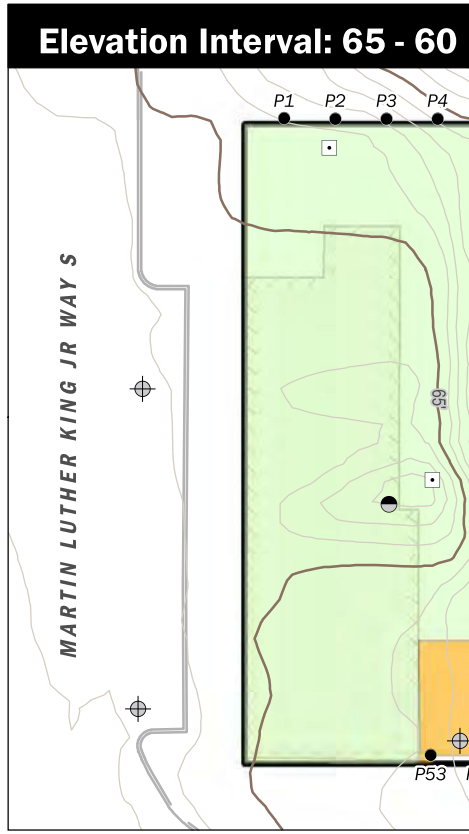
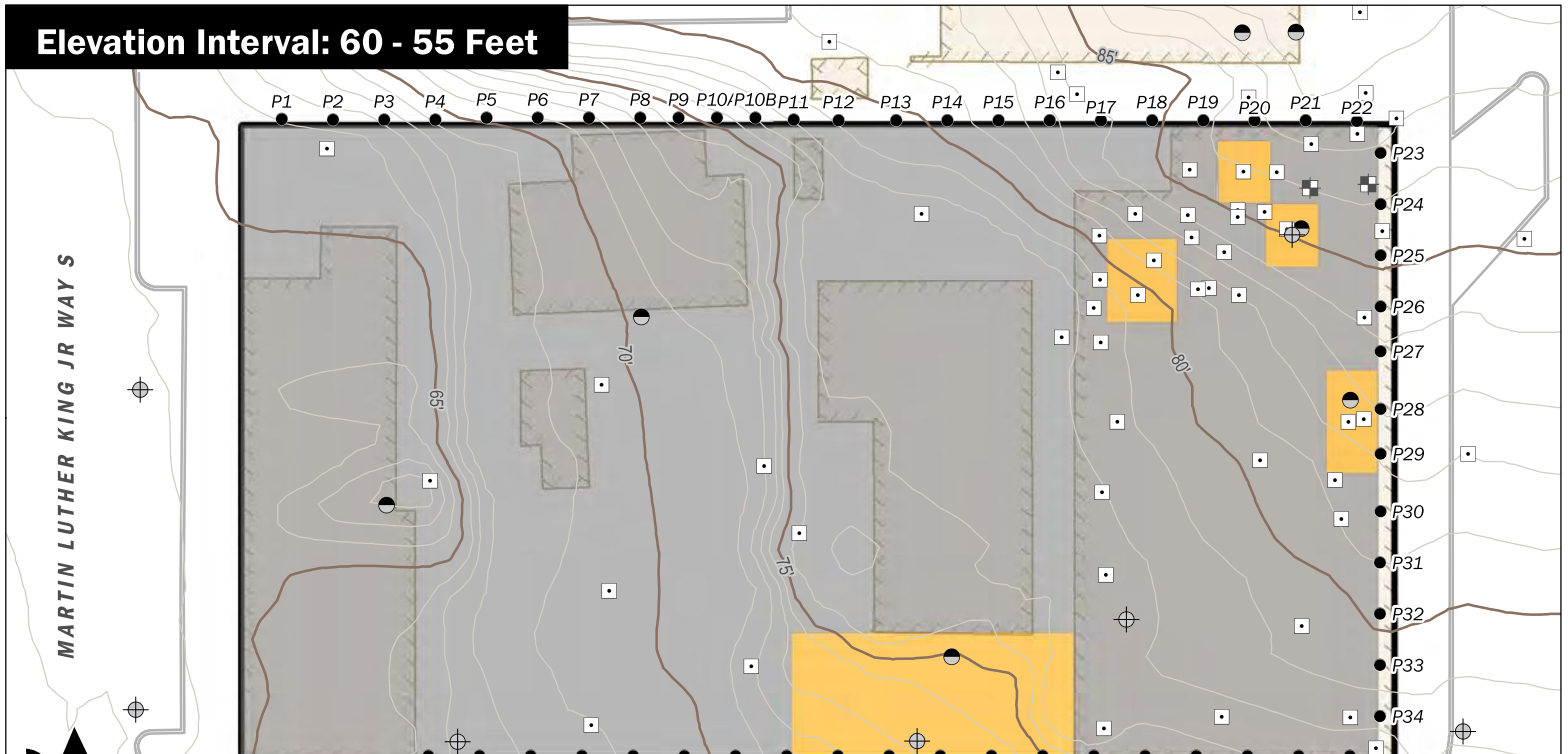


Elevation Interval: 60 - 55 Feet



Elevation Interval: 55 - 50

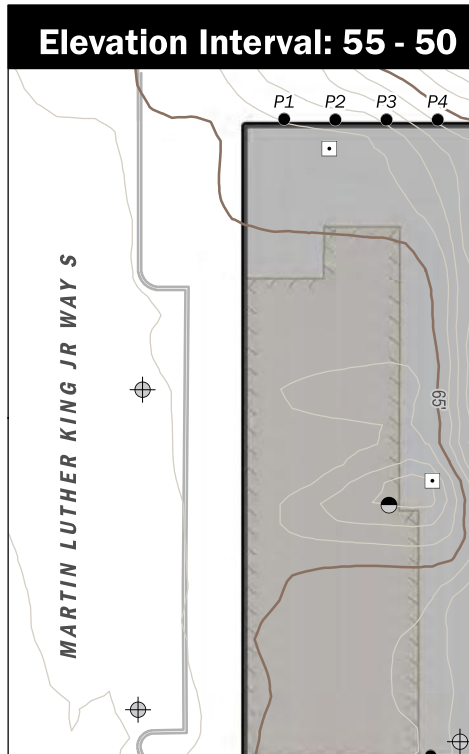


Table A. Estimated Soil Volume of Dangerous Waste Soil

Waste Codes	Dangerous Waste Media and Area	Estimated Volume of Dangerous Waste Soil (cubic feet)	Estimated Weight[1]
F002 Listed Waste	Soil excavated from the Mt. Baker Cleaners Parcel from Elevation 80 to Elevation 60	139	236 tons
F002 Listed Waste	Soil cuttings from borings ADP-18, ADP-42, ADP-49, ADP-51, and AB-40 (15 drums—see Table 4 in the May 2, 2019 proposal for drum inventory)	N/A	7 tons
Total Estimated Soil for Disposal as Dangerous Waste			243 tons

Notes: 1) Tonnages calculated assuming a 1.7 conversion factor. Volumes assume a 30% contingency for swell of soil during excavation.

Table B. Estimated Soil Volume of CID Soil

Waste Codes	Contained-In Media and Area	Estimated Volume of CID Soil (cubic feet)	Estimated Weight[1]
F002 Listed Waste	Soil excavated from Elevation 85 to Elevation 50	8,373	14,233 tons
F002 Listed Waste	Soil cuttings from borings completed on the McClellan Parcels (42 drums—see Table 4 in May 2, 2019 proposal for drum inventory)	N/A	19 tons
Total Estimated Soil Volume for CID			14,252 tons

Notes: 1) Tonnages calculated assuming a 1.7 conversion factor. Assumes 30% contingency for swell of soil during excavation.

3. **Information Requested by Ecology:** *Start and end dates for the PCE soil excavation.*

   MBHA Response: The remedial excavation of PCE-contaminated soil (both dangerous waste and CID) at the Mt. Baker Cleaners parcel is scheduled to begin at the end of May 2020 and will be completed by September 2020.

APPENDIX B

Maddux North and Maddux South Construction Stormwater General Permits and Administrative Orders

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
P.O. Box 47600 • Olympia, Washington 98504-7600
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006

May 13, 2020

Mike Rooney
Mt Baker Housing Association
2916 S McClellan St
Seattle, WA 98144-5502

RE: Coverage under the Construction Stormwater General Permit (CSWGP)

Permit number:	**WAR308862**
Site Name:	**Mt Baker Properties**
Location:	**2864 S McClellan St**
	Seattle County: King
Disturbed Acres:	**0.45**

Dear Mike Rooney:

The Washington State Department of Ecology (Ecology) received your Notice of Intent for coverage under Ecology's Construction Stormwater General Permit (CSWGP). This is your permit coverage letter. Your permit coverage is effective May 13, 2020. **Please retain this permit coverage letter as the official record of permit coverage for your site.**

Ecology has approved use of electronic formats as long as they are easily produced on your construction site. A mobile friendly copy of the CSWGP permit, permit forms, and information related to your permit can be viewed and downloaded at www.ecology.wa.gov/eCoverage-packet. Please contact your Permit Administrator, listed below, if you would like to receive a hard copy of the CSWGP.

Please take time to read the entire permit and contact Ecology if you have any questions.

Additional Monitoring
Please refer to the enclosed Administrative Order number 18108 for additional monitoring requirements.

Electronic Discharge Monitoring Reports (WQWebDMR)
This permit requires that Permittees submit monthly discharge monitoring reports (DMRs) for the full duration of permit coverage (from issuance date to termination). DMRs must be submitted electronically using Ecology's secure online system, WQWebDMR. To sign up for WQWebDMR go to www.ecy.wa.gov/programs/wq/permits/paris/webdmr.html. If you have

questions, contact the portal staff at (360) 407-7097 (Olympia area), or (800) 633-6193/option 3, or email WQWebPortal@ecy.wa.gov.

Appeal Process
You have a right to appeal coverage under the general permit to the Pollution Control Hearing Board (PCHB). Appeals must be filed within 30 days of the date of receipt of this letter. Any appeal is limited to the general permit's applicability or non-applicability to a specific discharger. The appeal process is governed by chapter 43.21B RCW and chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2). For more information regarding your right to appeal, go to https://fortress.wa.gov/ecy/publications/SummaryPages/1710007.html to view Ecology's Focus Sheet: *Appeal of General Permit Coverage*.

Ecology Field Inspector Assistance
If you have questions regarding stormwater management at your construction site, please contact Mathew Kwartin of Ecology's Northwest Regional Office in Bellevue at mathew.kwartin@ecy.wa.gov, or (425) 649-4484.

Questions or Additional Information
Ecology is committed to providing assistance. Please review our web page at www.ecology.wa.gov/constructionstormwaterpermit. If you have questions about the Construction Stormwater General Permit, please contact your Permit Administrator, Joyce Smith at joyce.smith@ecy.wa.gov or (360) 407-6858.

Sincerely,

Carrie A. Graul
On behalf of Section Manager
Program Development Services Section
Water Quality Program

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
Northwest Regional Office • 3190 160th Avenue SE • Bellevue, Washington 98008-5452 • (425) 649-7000
711 for Washington Relay Service • Persons with a speech disability can call (877) 833-6341

October 30, 2020

Mike Rooney
Mt. Baker Housing Association
2916 S. McClellan Street
Seattle, WA 98144-5502

Amended Order Docket #	19438
Original Order Docket #	18108
Site Location	Mt. Baker Properties 2864 S. McClellan Street Seattle, WA 98144

Re: Amended Administrative Order

Dear Mike Rooney:

The Department of Ecology (Ecology) has issued the enclosed amended Administrative Order (Order) requiring Mt. Baker Housing Association, to comply with:

- Chapter 90.48 Revised Code of Washington (RCW) – State of Washington Water Pollution Control Act.
- Chapter 173-201A Washington Administrative Code (WAC) – Water Quality Standards for Surface Waters of the State of Washington.
- Construction Stormwater General Permit (CSGP) number WAR308862.

If you have questions please contact Mathew Kwartin at (425) 649-4484 or by email at mkwa461@ecy.wa.gov.

Sincerely,

Rachel McCrea

Rachel McCrea
Water Quality Section Manager
Northwest Regional Office

Enclosure: Amended Administrative Order Docket #19438

Sent by Certified Mail: 9171 9690 0935 0233 2083 24

cc: Dean Kliegl, WG Clark
PARIS: WAR308862

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

IN THE MATTER OF AN ADMENDED ADMINISTRATIVE ORDER AGAINST Mt. Baker Housing Association Mr. Mike Rooney	)))))	AMENDED ADMINISTRATIVE ORDER DOCKET #19438 AMENDING ADMINISTRATIVE ORDER DOCKET #18108

To: Mike Rooney
Mt. Baker Housing Association
2916 S. McClellan St
Seattle, WA 98144-5502

Amended Order Docket #	19438
Original Order Docket #	18108
Site Location	Mt. Baker Properties 2864 S. McClellan Street Seattle, WA 98144

The Department of Ecology (Ecology) has issued this amended Administrative Order (Order) Docket #19438 to amend Order Docket #18108 dated April 29, 2020, issued to Mt. Baker Housing Association to comply with:

- Chapter 90.48 Revised Code of Washington (RCW) – State of Washington Water Pollution Control Act.
- Chapter 173-201A Washington Administrative Code (WAC) – Water Quality Standards for Surface Waters of the State of Washington.
- National Pollutant Discharge Elimination System (NPDES) Construction Stormwater General Permit No. WAR308862.

This is an amended Administrative Order in accordance with General Condition G13 (Additional Monitoring) as set forth in the Construction Stormwater General Permit. RCW 90.48.120(2) authorizes Ecology to issue Administrative Orders to accomplish the purposes of Chapter 90.48 RCW.

This Order describes the corrective actions required at the location known as Mt. Baker Properties located at 2864 S. McClellan Street, Seattle, WA 98144.

ADMINISTRATIVE ORDER AMENDMENTS

Background and associated corrective actions are described in full in the original Administrative Order #18108.

Aspect Consulting LLC, on behalf of Mt. Baker Housing Association, submitted a letter to Ecology dated October 8, 2020, requesting modification of the indicator level for barium established by Administrative Order #18108.

Applicable surface water criteria do not exist for barium, so the indicator levels in the original Order were set at the laboratory quantitation levels for this parameter. The letter requested that the indicator level be changed for barium, and provided justification that a proposed new indicator level would be consistent with All Known, Available, and Reasonable Methods of Prevention, Control, and Treatment (AKART) and background concentrations in the Duwamish. Ecology has determined that the request to amend the indicator levels for barium is reasonable, and is changing the indicator level for this parameter to 1,000 µg/L, the groundwater standard for barium. Table 1 below includes the new indicator level for barium, along with the required analytical method, detection limit, and quantitation level for this parameter. All other corrective actions and monitoring requirements from Administrative Order #18108 are unchanged and remain in effect.

Table 1 from Administrative Order #18108, effective April 29, 2020, is amended as follows by adding the additional parameters to Table 1 of the original Order:

Table 1

Pollutant & CAS No. (if available)	Sampling Frequency	Sample Type	Indicator Level, µg/L unless otherwise noted	Required Analytical Protocol	Detection Level, µg/L	Quantitation Level, µg/L
METALS						
Barium, Total (7440-39-3)	Batch/Weekly*	Grab	1,000	EPA 200.8	0.5	2.0

No other condition or requirement of Order Docket #18108, including the monitoring requirements and indicator levels for other pollutants, is hereby affected by this amendment.

FAILURE TO COMPLY WITH THIS ORDER

Failure to comply with this Order may result in the issuance of civil penalties or other actions, whether administrative or judicial, to enforce the terms of this Order.

YOUR RIGHT TO APPEAL

You have a right to appeal this Order to the Pollution Control Hearing Board (PCHB) within 30 days of the date of receipt of this Order. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. “Date of receipt” is defined in RCW 43.21B.001(2).

To appeal you must do both of the following within 30 days of the date of receipt of this Order:

- File your appeal and a copy of this Order with the PCHB (see addresses below). Filing means actual receipt by the PCHB during regular business hours.
- Serve a copy of your appeal and this Order on Ecology in paper form - by mail or in person. (See addresses below.) E-mail is not accepted.

You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

Your appeal alone will not stay the effectiveness of this Order. Stay requests must be submitted in accordance with RCW 43.21B.320.

ADDRESS AND LOCATION INFORMATION

Street Addresses	Mailing Addresses
Department of Ecology Attn: Appeals Processing Desk 300 Desmond Drive SE Lacey, WA 98503	**Department of Ecology** Attn: Appeals Processing Desk PO Box 47608 Olympia, WA 98504-7608
Pollution Control Hearings Board 1111 Israel Road SW , Suite 301 Tumwater, WA 98501	**Pollution Control Hearings Board** PO Box 40903 Olympia, WA 98504-0903

CONTACT INFORMATION

Please direct all questions about this Order to:

Mathew Kwartin
Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008

Phone: (425) 649-4484
Email: mkwa461@ecy.wa.gov

MORE INFORMATION

- **Pollution Control Hearings Board Website**
  http://www.eluho.wa.gov/Board/PCHB

- **Chapter 43.21B RCW - Environmental and Land Use Hearings Office – Pollution Control Hearings Board**
  http://app.leg.wa.gov/RCW/default.aspx?cite=43.21B

- **Chapter 371-08 WAC – Practice and Procedure**
  http://app.leg.wa.gov/WAC/default.aspx?cite=371-08

- **Chapter 34.05 RCW – Administrative Procedure Act**
- http://app.leg.wa.gov/RCW/default.aspx?cite=34.05

- **Ecology's Laws, rules, & rulemaking website**
  https://ecology.wa.gov/About-us/How-we-operate/Laws-rules-rulemaking

SIGNATURE

Rachel McCrea

October 30, 2020

Rachel McCrea
Water Quality Section Manager
Northwest Regional Office
Washington State Department of Ecology

Date

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
Northwest Regional Office • 3190 160th Avenue SE • Bellevue, Washington 98008-5452 • (425) 649-7000
711 for Washington Relay Service • Persons with a speech disability can call (877) 833-6341

April 29, 2020

Mike Rooney
Mt. Baker Housing Association
2916 McClellan St.
Seattle, WA 98144-5502

Order Docket No.	18108
Site Location	Mt. Baker Properties 2864 S. McClellan St. Seattle, WA 98144

Re: Administrative Order

Dear Mike Rooney:

The Department of Ecology (Ecology) has issued the enclosed Administrative Order (Order) requiring Mt. Baker Housing Association to comply with:

- Chapter 90.48 Revised Code of Washington (RCW) – State of Washington Water Pollution Control Act.
- Chapter 173-201A Washington Administrative Code (WAC) – Water Quality Standards for Surface Waters of the State of Washington.
- National Pollutant Discharge Elimination System (NPDES) Construction Stormwater General Permit, Permit Number WAR308862.

If you have questions please contact Mathew Kwartin at 425-649-4484 or by email at mkwa461@ecy.wa.gov.

Sincerely,

Rachel McCrea

Rachel McCrea
Water Quality Section Manager
Northwest Regional Office
Washington State Department of Ecology

Enclosures: Administrative Order Docket No.18108

By Certified Mail No.: 9171 9690 0935 0232 6491 28

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

IN THE MATTER OF AN ADMINISTRATIVE ORDER AGAINST Mt. Baker Housing Association	))))	ADMINISTRATIVE ORDER DOCKET NO. 18108

To: Mike Rooney
Mt. Baker Housing Association
2916 McClellan St.
Seattle, WA 98144-5502

Order Docket No.	18108
Site Location	Mt. Baker Properties 2864 S. McClellan St. Seattle, WA 98144

The Washington State Department of Ecology (Ecology) has issued this Administrative Order (Order) requiring the Mt. Baker Housing Association to comply with:

- Chapter 90.48 Revised Code of Washington (RCW) – State of Washington Water Pollution Control Act.
- Chapter 173-201A Washington Administrative Code (WAC) – Water Quality Standards for Surface Waters of the State of Washington.
- Permit: National Pollutant Discharge Elimination System (NPDES) Construction Stormwater General Permit WAR308862.

This is an Administrative Order in accordance with General Condition G13 (Additional Monitoring) as set forth in the Construction Stormwater General Permit. RCW 90.48.120(2) RCW authorizes Ecology to issue Administrative Orders to accomplish the purposes of Chapter 90.48 RCW.

ORDER TO COMPLY

Background and associated corrective actions:

Mt. Baker Housing Association has received coverage under the Construction Stormwater General Permit (CSWGP) No. WAR308862 for construction activities associated with the construction site known as the Mt. Baker Properties. The project consists of removal of existing structures and construction of new mixed use residential and commercial properties including affordable housing. The receiving water body after treatment will be the City of Seattle storm system with eventual discharge into the Duwamish River. The Mt. Baker Housing Association reported that part of the construction site contains contaminated soil and/or groundwater which contains pollutants that may be discharged due to the proposed construction activity. The CSWGP does not have water quality sampling or benchmarks for the known constituents of concern listed in Table 1; however, the permit requires compliance with the Chapter 173-201A Washington Administrative Code (WAC) – Water Quality Standards for Surface Waters of the State of Washington (WAC 173-201A).

The Order establishes Indicator Levels for the Mt. Baker Housing Association project. Indicator Levels express a pollutant concentration used as a threshold, below which a pollutant is

considered unlikely to cause a water quality violation, and above which it may. Indicator Levels in this Administrative Order were derived from WAC 173-201A and the analytical method's minimum quantitation level.

For these reasons and in accordance with RCW 90.48.120(2) it is ordered that the Mt. Baker Housing Association take the following actions. These actions are required at the location known as the Mt. Baker Properties located at 2864 S. McClellan St., Seattle, WA 98144. In the event of a permit transfer to another Permittee, compliance with this Administrative Order and the actions listed below is required.

Immediately upon receipt of this Order and continuously thereafter Mt. Baker Housing Association must:

- Install all pre-treatment and treatment systems prior to any discharge of contaminated dewatering water or contaminated construction stormwater to the receiving water body.
- Capture, contain, and treat all contaminated dewatering or contaminated stormwater prior to discharge to the receiving water body.
- Use an Ecology-approved treatment system and media filtration to treat any contaminated dewatering water or contaminated stormwater. Ecology must be notified in advance if any changes in the treatment are made, with the exception of routine maintenance.
- All captured sediment from the treatment of the dewatering water or contaminated stormwater must be transported to an approved disposal facility based on the level of contamination.

The treatment system must have enough capacity to hold the treated dewatering water or stormwater until it has been tested to determine if any of the Indicator Levels listed in Table 1 have been exceeded. No dewatering water or stormwater may be discharged before it has been tested for the parameters listed in Table 1. If any of the Indicator Levels listed in Table 1 are exceeded, the treated dewatering water or stormwater must not be discharged to the receiving water body. The treated dewatering water or stormwater may be discharged to the receiving water body if it has been treated and retested to determine that all parameters are equal to or below the Indicator Levels listed in Table 1. If any of the Indicator Levels are exceeded after being retested, Mt. Baker Housing Association shall truck the contaminated storm or groundwater off-site for disposal in an approved manner. Mt. Baker Housing Association may also discharge to sanitary sewer if authorization from the proper sewer authority has been obtained and Ecology is notified of the change.

Once the effectiveness of the treatment system has been determined, Mt. Baker Housing Association may revert to a flow-through treatment system after the minimum two sampling and testing events and upon written approval from Ecology. The flow-through treatment system design must be submitted to Ecology for review prior to use.

- If a flow-through treatment system is adopted, all dewatering water or contaminated stormwater must be sampled weekly while discharging and tested for the parameters listed in Table 1.
- When using a flow-through treatment system, if any of the Indicator Levels listed in Table 1 are exceeded, Mt. Baker Housing Association must stop the discharge of treated dewatering water or stormwater to the receiving water body until it has been retested to determine that all parameters are equal to or below the Indicator Levels in Table 1. If any of the Indicator Levels are exceeded after being retested, Mt. Baker Housing Association

shall modify the existing flow-through treatment system to increase its effectiveness or install an Ecology-approved treatment system or truck the contaminated stormwater or groundwater off-site for disposal in an approved manner.

- Sampling for the contaminants listed in Table 1 must be reported on the required Discharge Monitoring Report (DMR) according to Permit Conditions (S5.B Discharge Monitoring Reports).
- If sampling is conducted more frequently than required by this Order, the results of this monitoring must be included in the calculation and reporting of the data that is submitted in the Discharge Monitoring Reports (DMRs).
- Any discharge to waters of the state in exceedance of the contaminant Indicator Levels in Table 1 except for pH criteria shall be reported according to Permit Condition S5.F, Noncompliance Notification as follows:
  - Immediately notify Ecology of noncompliance by calling the regional 24-hour Environmental Report Tracking System (ERTS) phone number (425) 649-7000.
  - Cease the discharge until indicator levels can be met.
  - Submit a detailed, written report to Ecology within five (5) days, unless requested earlier by Ecology. See Permit condition S5.F.3 for Noncompliance Notification requirements.
- All samples must be analyzed by a laboratory registered or accredited under the provisions of Accreditation of Environmental Laboratories, Chapter 137-50 WAC.
- All sampling data must be reported monthly on Discharge Monitoring Reports (DMRs) electronically using Ecology's secure online system WQWebDMR, in accordance to Permit Condition S5.B. If the measured concentration is below the detection level, then Mt. Baker Housing Association shall report single analytical values below detection as "less than the detection level (DL)" by entering "<" followed by the numeric value of the detection level (e.g. "<0.1"). All other values above DL must be reported as the numeric value.
- Contaminated soils excavated during construction will be hauled off-site without stockpiling to an approved disposal facility based on the level of contamination. When it is not feasible to haul soils off-site, the soils must be covered or placed in a covered area to minimize contact with stormwater.
- Noncompliance with permit requirements or the provisions of this Order must be immediately reported to the Northwest Regional Office of the Department of Ecology in accordance with Permit Condition S5.F, Noncompliance Notification.
- If a modification of the Order is desired, a written request shall be submitted to Ecology and if approved, Ecology will issue an amendment to this Order.

Ecology retains the right to make modifications to this Order through supplemental Order, or amendment to this Order, it if appears necessary to further protect the public interest.

This Order does not exempt Mt. Baker Housing Association from any Construction Stormwater General Permit requirement.

Table 1.

Mt. Baker Housing Association must use the specified analytical methods, detection limits (DLs) and quantitation levels (QLs) in the following table for monitoring unless the method used produces measurable results in the sample and EPA has listed it as an EPA-approved method in 40 CFR Part 136. If Mt. Baker Housing Association uses an alternative method, not specified in the order and as allowed above, it must report the test method, DL, and QL on the discharge monitoring report.

Pollutant & CAS No. (if available)	Sampling Frequency	Sample Type	Indicator Level, µg/L unless otherwise noted	Required Analytical Protocol (or equivalent)	Detection Level, µg/L	Quantitation Level, µg/L
Petroleum Hydrocarbons						
Diesel and Oil-Range Hydrocarbons (NWTPH-Dx) [b]	Batch/Weekly*	Grab	250 [a]	NWTPH-Dx	250	250
Gasoline- Range Hydrocarbons (NWTPH-Gx) [c]	Batch/Weekly*	Grab	250 [a]	NWTPH-Gx	250	250
BTEX (benzene, toluene, ethylbenzene and O,M,P xylenes)	Batch/Weekly*	Grab	2.0 [a]	EPA SW 846 8012/8260	1.0	2.0
Metals						
Arsenic, Total (7440-38-2)	Batch/Weekly*	Grab	69 [d]	200.8	0.1	0.5
Barium, Total (7440-39-3)	Batch/Weekly*	Grab	2.0 [a]	200.8	0.5	2.0
VOCs						
Tetrachloroethene (127-18-4)	Batch/Weekly*	Grab	12.3 [a]	624/8260	4.1	12.3
1,2,4 Trimethylbenzene (95-63-6)	Batch/Weekly*	Grab	1.0 [a]	624/8260	1.0	1.0
1,3,5 Trimethylbenzene (108-67-8)	Batch/Weekly*	Grab	1.0 [a]	624/8260	1.0	1.0
Isopropylbenzene (98-82-8)	Batch/Weekly*	Grab	1.0 [a]	624/8260	1.0	1.0
n-Butylbenzene (104-51-8)	Batch/Weekly*	Grab	1.0 [a]	624/8260	1.0	1.0
n-Propylbenzene (103-65-1)	Batch/Weekly*	Grab	1.0 [a]	624/8260	1.0	1.0
sec-Butylbenzene (135-98-8)	Batch/Weekly*	Grab	1.0 [a]	624/8260	1.0	1.0
1,1 Dichloroethene (75-34-3)	Batch/Weekly*	Grab	2.0 [a]	624/8260	1.0	2.0
Trichloroethylene (79-01-6)	Batch/Weekly*	Grab	5.7 [a]	624.1	1.9	5.7
Cis-1,2 Dichloroethene (156-159-2)	Batch/Weekly*	Grab	4.8 [a]	624.1	1.6	4.8
Vinyl chloride (75-01-4)	Batch/Weekly*	Grab	2.0 [a]	624/SM6200B	1.0	2.0

CONSTRUCTION STORMWATER GENERAL PERMIT BENCHMARKS				
Parameter	**Sampling Frequency**	**Sample Type**	**Benchmark**	**Analytical Method**
Turbidity	Batch/Weekly*	Grab	25 NTU	SM2130 [e]
pH	Batch/Weekly*	Grab	6.5 - 8.5 SU	SM4500-H^+ B
NOTES				
[a]	No applicable surface water criterion, value is laboratory quantitation level.			
[b]	NWTPH-Dx = Northwest Total Petroleum Hydrocarbons – Semi-volatile ("diesel") for diesel range organics and heavy oils (includes jet fuels, kerosene, diesel-oils, hydraulic fluids, mineral oils, lubricating oils, and fuel oils).			
[c]	NWTPH-Gx = Northwest Total Petroleum Hydrocarbons-Volatile petroleum products including aviation and automotive gasolines, mineral spirits, Stoddard solvent, and naphtha.			
[d]	Acute – Marine Water Toxic Substances Criteria (WAC 173-201A-240).			
[e]	Or equivalent.			
*	If permission is granted for flow through, sampling will then be weekly			

FAILURE TO COMPLY WITH THIS ORDER

Failure to comply with this Order may result in the issuance of civil penalties or other actions, whether administrative or judicial, to enforce the terms of this Order.

YOUR RIGHT TO APPEAL

You have a right to appeal this Order to the Pollution Control Hearing Board (PCHB) within 30 days of the date of receipt of this Order. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal you must do both of the following within 30 days of the date of receipt of this Order:

- File your appeal and a copy of this Order with the PCHB (see addresses below). Filing means actual receipt by the PCHB during regular business hours.
- Serve a copy of your appeal and this Order on Ecology in paper form – by mail or in person (see addresses below). Email is not accepted.

You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

Your appeal alone will not stay the effectiveness of this Order. Stay requests must be submitted in accordance with RCW 43.21B.320.

ADDRESS AND LOCATION INFORMATION

Street Addresses	**Mailing Addresses**
Department of Ecology Attn: Appeals Processing Desk 300 Desmond Drive SE Lacey, WA 98503	**Department of Ecology** Attn: Appeals Processing Desk PO Box 47608 Olympia, WA 98504-7608
Pollution Control Hearings Board 1111 Israel Road SW Suite 301 Tumwater, WA 98501	**Pollution Control Hearings Board** PO Box 40903 Olympia, WA 98504-0903

CONTACT INFORMATION

Please direct all questions about this Order to:

Mathew Kwartin
Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

Phone: (425) 649 - 4484
Email: mkwa461@ecy.wa.gov

MORE INFORMATION

- **Pollution Control Hearings Board Website:** www.eho.wa.gov/Boards_PCHB.aspx
- **Chapter 43.21B RCW – Environmental Hearings Office – Pollution Control Hearings Board:** http://apps.leg.wa.gov/RCW/default.aspz?cite=43.21B
- **Chapter 371-08 WAC – Practice and Procedure:** http://apps.leg.wa.gov/WAC/default.aspx?cite=371-08
- **Chapter 34.05 RCW – Administrative Procedure Act:** http://apps.leg.wa.gov/RCW/default.aspx?cite=34.05
- **Laws:** www.ecy.wa.gov/laws-rules/ecyrcw.html
- **Rules:** www.ecy.wa.gov/laws-rules/ecywac.html

SIGNATURE

Rachel McCrea

Rachel McCrea
Water Quality Section Manager
Northwest Regional Office
Washington State Department of Ecology

4/29/2020
Date

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
P.O. Box 47600 • Olympia, Washington 98504-7600
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006

June 4, 2020

Mike Rooney
Mt. Baker Housing Association
2916 McClellan St
Seattle, WA 98144-5502

RE: Coverage under the Construction Stormwater General Permit (CSWGP)

Permit number:	**WAR309090**
Site Name:	**Mt. Baker Properties**
Location:	**2800 Martin Luther King Jr Way S**
	Seattle, WA County: King
Disturbed Acres:	**0.25**

Dear Mike Rooney:

The Washington State Department of Ecology (Ecology) received your Notice of Intent for coverage under Ecology's Construction Stormwater General Permit (CSWGP). This is your permit coverage letter. Your permit coverage is effective June 4, 2020. **Please retain this permit coverage letter as the official record of permit coverage for your site.**

Ecology has approved use of electronic formats as long as they are easily produced on your construction site. A mobile friendly copy of the CSWGP permit, permit forms, and information related to your permit can be viewed and downloaded at www.ecology.wa.gov/eCoverage-packet. Please contact your Permit Administrator, listed below, if you would like to receive a hard copy of the CSWGP.

Please take time to read the entire permit and contact Ecology if you have any questions.

Electronic Discharge Monitoring Reports (WQWebDMR)
This permit requires that Permittees submit monthly discharge monitoring reports (DMRs) for the full duration of permit coverage (from issuance date to termination). DMRs must be submitted electronically using Ecology's secure online system, WQWebDMR. To sign up for WQWebDMR go to www.ecy.wa.gov/programs/wq/permits/paris/webdmr.html. If you have questions, contact the portal staff at (360) 407-7097 (Olympia area), or (800) 633-6193/option 3, or email WQWebPortal@ecy.wa.gov.

Appeal Process
You have a right to appeal coverage under the general permit to the Pollution Control Hearing Board (PCHB). Appeals must be filed within 30 days of the date of receipt of this letter. Any appeal is limited to the general permit's applicability or non-applicability to a specific discharger. The appeal process is governed by chapter 43.21B RCW and chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2). For more information regarding your right to appeal, go to https://fortress.wa.gov/ecy/publications/SummaryPages/1710007.html to view Ecology's Focus Sheet: *Appeal of General Permit Coverage*.

Ecology Field Inspector Assistance
If you have questions regarding stormwater management at your construction site, please contact Mathew Kwartin of Ecology's Northwest Regional Office in Bellevue at mathew.kwartin@ecy.wa.gov, or (425) 649-4484.

Questions or Additional Information
Ecology is committed to providing assistance. Please review our web page at www.ecology.wa.gov/constructionstormwaterpermit. If you have questions about the Construction Stormwater General Permit, please contact your Permit Administrator, Josh Klimek at josh.klimek@ecy.wa.gov or (360) 407-7451.

Sincerely,

Jeff Killelea, Acting Section Manager
Program Development Services Section
Water Quality Program

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
Northwest Regional Office • 3190 160th Avenue SE • Bellevue, Washington 98008-5452 • (425) 649-7000
711 for Washington Relay Service • Persons with a speech disability can call (877) 833-6341

April 29, 2020

Mike Rooney
Mt. Baker Housing Association
2916 McClellan St.
Seattle, WA 98144-5502

Order Docket No.	18108
Site Location	Mt. Baker Properties 2864 S. McClellan St. Seattle, WA 98144

Re: Administrative Order

Dear Mike Rooney:

The Department of Ecology (Ecology) has issued the enclosed Administrative Order (Order) requiring Mt. Baker Housing Association to comply with:

- Chapter 90.48 Revised Code of Washington (RCW) – State of Washington Water Pollution Control Act.
- Chapter 173-201A Washington Administrative Code (WAC) – Water Quality Standards for Surface Waters of the State of Washington.
- National Pollutant Discharge Elimination System (NPDES) Construction Stormwater General Permit, Permit Number WAR308862.

If you have questions please contact Mathew Kwartin at 425-649-4484 or by email at mkwa461@ecy.wa.gov.

Sincerely,

Rachel McCrea

Rachel McCrea
Water Quality Section Manager
Northwest Regional Office
Washington State Department of Ecology

Enclosures: Administrative Order Docket No.18108

By Certified Mail No.: 9171 9690 0935 0232 6491 28

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

IN THE MATTER OF AN ADMINISTRATIVE ORDER AGAINST Mt. Baker Housing Association	))))	ADMINISTRATIVE ORDER DOCKET NO. 18108

To: Mike Rooney
Mt. Baker Housing Association
2916 McClellan St.
Seattle, WA 98144-5502

Order Docket No.	18108
Site Location	Mt. Baker Properties 2864 S. McClellan St. Seattle, WA 98144

The Washington State Department of Ecology (Ecology) has issued this Administrative Order (Order) requiring the Mt. Baker Housing Association to comply with:

- Chapter 90.48 Revised Code of Washington (RCW) – State of Washington Water Pollution Control Act.
- Chapter 173-201A Washington Administrative Code (WAC) – Water Quality Standards for Surface Waters of the State of Washington.
- Permit: National Pollutant Discharge Elimination System (NPDES) Construction Stormwater General Permit WAR308862.

This is an Administrative Order in accordance with General Condition G13 (Additional Monitoring) as set forth in the Construction Stormwater General Permit. RCW 90.48.120(2) RCW authorizes Ecology to issue Administrative Orders to accomplish the purposes of Chapter 90.48 RCW.

ORDER TO COMPLY

Background and associated corrective actions:

Mt. Baker Housing Association has received coverage under the Construction Stormwater General Permit (CSWGP) No. WAR308862 for construction activities associated with the construction site known as the Mt. Baker Properties. The project consists of removal of existing structures and construction of new mixed use residential and commercial properties including affordable housing. The receiving water body after treatment will be the City of Seattle storm system with eventual discharge into the Duwamish River. The Mt. Baker Housing Association reported that part of the construction site contains contaminated soil and/or groundwater which contains pollutants that may be discharged due to the proposed construction activity. The CSWGP does not have water quality sampling or benchmarks for the known constituents of concern listed in Table 1; however, the permit requires compliance with the Chapter 173-201A Washington Administrative Code (WAC) – Water Quality Standards for Surface Waters of the State of Washington (WAC 173-201A).

The Order establishes Indicator Levels for the Mt. Baker Housing Association project. Indicator Levels express a pollutant concentration used as a threshold, below which a pollutant is

considered unlikely to cause a water quality violation, and above which it may. Indicator Levels in this Administrative Order were derived from WAC 173-201A and the analytical method's minimum quantitation level.

For these reasons and in accordance with RCW 90.48.120(2) it is ordered that the Mt. Baker Housing Association take the following actions. These actions are required at the location known as the Mt. Baker Properties located at 2864 S. McClellan St., Seattle, WA 98144. In the event of a permit transfer to another Permittee, compliance with this Administrative Order and the actions listed below is required.

Immediately upon receipt of this Order and continuously thereafter Mt. Baker Housing Association must:

- Install all pre-treatment and treatment systems prior to any discharge of contaminated dewatering water or contaminated construction stormwater to the receiving water body.
- Capture, contain, and treat all contaminated dewatering or contaminated stormwater prior to discharge to the receiving water body.
- Use an Ecology-approved treatment system and media filtration to treat any contaminated dewatering water or contaminated stormwater. Ecology must be notified in advance if any changes in the treatment are made, with the exception of routine maintenance.
- All captured sediment from the treatment of the dewatering water or contaminated stormwater must be transported to an approved disposal facility based on the level of contamination.

The treatment system must have enough capacity to hold the treated dewatering water or stormwater until it has been tested to determine if any of the Indicator Levels listed in Table 1 have been exceeded. No dewatering water or stormwater may be discharged before it has been tested for the parameters listed in Table 1. If any of the Indicator Levels listed in Table 1 are exceeded, the treated dewatering water or stormwater must not be discharged to the receiving water body. The treated dewatering water or stormwater may be discharged to the receiving water body if it has been treated and retested to determine that all parameters are equal to or below the Indicator Levels listed in Table 1. If any of the Indicator Levels are exceeded after being retested, Mt. Baker Housing Association shall truck the contaminated storm or groundwater off-site for disposal in an approved manner. Mt. Baker Housing Association may also discharge to sanitary sewer if authorization from the proper sewer authority has been obtained and Ecology is notified of the change.

Once the effectiveness of the treatment system has been determined, Mt. Baker Housing Association may revert to a flow-through treatment system after the minimum two sampling and testing events and upon written approval from Ecology. The flow-through treatment system design must be submitted to Ecology for review prior to use.

- If a flow-through treatment system is adopted, all dewatering water or contaminated stormwater must be sampled weekly while discharging and tested for the parameters listed in Table 1.
- When using a flow-through treatment system, if any of the Indicator Levels listed in Table 1 are exceeded, Mt. Baker Housing Association must stop the discharge of treated dewatering water or stormwater to the receiving water body until it has been retested to determine that all parameters are equal to or below the Indicator Levels in Table 1. If any of the Indicator Levels are exceeded after being retested, Mt. Baker Housing Association

shall modify the existing flow-through treatment system to increase its effectiveness or install an Ecology-approved treatment system or truck the contaminated stormwater or groundwater off-site for disposal in an approved manner.

- Sampling for the contaminants listed in Table 1 must be reported on the required Discharge Monitoring Report (DMR) according to Permit Conditions (S5.B Discharge Monitoring Reports).
- If sampling is conducted more frequently than required by this Order, the results of this monitoring must be included in the calculation and reporting of the data that is submitted in the Discharge Monitoring Reports (DMRs).
- Any discharge to waters of the state in exceedance of the contaminant Indicator Levels in Table 1 except for pH criteria shall be reported according to Permit Condition S5.F, Noncompliance Notification as follows:
    - Immediately notify Ecology of noncompliance by calling the regional 24-hour Environmental Report Tracking System (ERTS) phone number (425) 649-7000.
    - Cease the discharge until indicator levels can be met.
    - Submit a detailed, written report to Ecology within five (5) days, unless requested earlier by Ecology. See Permit condition S5.F.3 for Noncompliance Notification requirements.
- All samples must be analyzed by a laboratory registered or accredited under the provisions of Accreditation of Environmental Laboratories, Chapter 137-50 WAC.
- All sampling data must be reported monthly on Discharge Monitoring Reports (DMRs) electronically using Ecology's secure online system WQWebDMR, in accordance to Permit Condition S5.B. If the measured concentration is below the detection level, then Mt. Baker Housing Association shall report single analytical values below detection as "less than the detection level (DL)" by entering "<" followed by the numeric value of the detection level (e.g. "<0.1"). All other values above DL must be reported as the numeric value.
- Contaminated soils excavated during construction will be hauled off-site without stockpiling to an approved disposal facility based on the level of contamination. When it is not feasible to haul soils off-site, the soils must be covered or placed in a covered area to minimize contact with stormwater.
- Noncompliance with permit requirements or the provisions of this Order must be immediately reported to the Northwest Regional Office of the Department of Ecology in accordance with Permit Condition S5.F, Noncompliance Notification.
- If a modification of the Order is desired, a written request shall be submitted to Ecology and if approved, Ecology will issue an amendment to this Order.

Ecology retains the right to make modifications to this Order through supplemental Order, or amendment to this Order, it if appears necessary to further protect the public interest.

This Order does not exempt Mt. Baker Housing Association from any Construction Stormwater General Permit requirement.

Table 1.

Mt. Baker Housing Association must use the specified analytical methods, detection limits (DLs) and quantitation levels (QLs) in the following table for monitoring unless the method used produces measurable results in the sample and EPA has listed it as an EPA-approved method in 40 CFR Part 136. If Mt. Baker Housing Association uses an alternative method, not specified in the order and as allowed above, it must report the test method, DL, and QL on the discharge monitoring report.

Pollutant & CAS No. (if available)	Sampling Frequency	Sample Type	Indicator Level, µg/L unless otherwise noted	Required Analytical Protocol (or equivalent)	Detection Level, µg/L	Quantitation Level, µg/L
Petroleum Hydrocarbons						
Diesel and Oil-Range Hydrocarbons (NWTPH-Dx) [b]	Batch/Weekly*	Grab	250 [a]	NWTPH-Dx	250	250
Gasoline- Range Hydrocarbons (NWTPH-Gx) [c]	Batch/Weekly*	Grab	250 [a]	NWTPH-Gx	250	250
BTEX (benzene, toluene, ethylbenzene and O,M,P xylenes)	Batch/Weekly*	Grab	2.0 [a]	EPA SW 846 8012/8260	1.0	2.0
Metals						
Arsenic, Total (7440-38-2)	Batch/Weekly*	Grab	69 [d]	200.8	0.1	0.5
Barium, Total (7440-39-3)	Batch/Weekly*	Grab	2.0 [a]	200.8	0.5	2.0
VOCs						
Tetrachloroethene (127-18-4)	Batch/Weekly*	Grab	12.3 [a]	624/8260	4.1	12.3
1,2,4 Trimethylbenzene (95-63-6)	Batch/Weekly*	Grab	1.0 [a]	624/8260	1.0	1.0
1,3,5 Trimethylbenzene (108-67-8)	Batch/Weekly*	Grab	1.0 [a]	624/8260	1.0	1.0
Isopropylbenzene (98-82-8)	Batch/Weekly*	Grab	1.0 [a]	624/8260	1.0	1.0
n-Butylbenzene (104-51-8)	Batch/Weekly*	Grab	1.0 [a]	624/8260	1.0	1.0
n-Propylbenzene (103-65-1)	Batch/Weekly*	Grab	1.0 [a]	624/8260	1.0	1.0
sec-Butylbenzene (135-98-8)	Batch/Weekly*	Grab	1.0 [a]	624/8260	1.0	1.0
1,1 Dichloroethene (75-34-3)	Batch/Weekly*	Grab	2.0 [a]	624/8260	1.0	2.0
Trichloroethylene (79-01-6)	Batch/Weekly*	Grab	5.7 [a]	624.1	1.9	5.7
Cis-1,2 Dichloroethene (156-159-2)	Batch/Weekly*	Grab	4.8 [a]	624.1	1.6	4.8
Vinyl chloride (75-01-4)	Batch/Weekly*	Grab	2.0 [a]	624/SM6200B	1.0	2.0

CONSTRUCTION STORMWATER GENERAL PERMIT BENCHMARKS				
Parameter	**Sampling Frequency**	**Sample Type**	**Benchmark**	**Analytical Method**
Turbidity	Batch/Weekly*	Grab	25 NTU	SM2130 [e]
pH	Batch/Weekly*	Grab	6.5 - 8.5 SU	SM4500-H^+ B
NOTES				
[a]	No applicable surface water criterion, value is laboratory quantitation level.			
[b]	NWTPH-Dx = Northwest Total Petroleum Hydrocarbons – Semi-volatile ("diesel") for diesel range organics and heavy oils (includes jet fuels, kerosene, diesel-oils, hydraulic fluids, mineral oils, lubricating oils, and fuel oils).			
[c]	NWTPH-Gx = Northwest Total Petroleum Hydrocarbons-Volatile petroleum products including aviation and automotive gasolines, mineral spirits, Stoddard solvent, and naphtha.			
[d]	Acute – Marine Water Toxic Substances Criteria (WAC 173-201A-240).			
[e]	Or equivalent.			
*	If permission is granted for flow through, sampling will then be weekly			

FAILURE TO COMPLY WITH THIS ORDER

Failure to comply with this Order may result in the issuance of civil penalties or other actions, whether administrative or judicial, to enforce the terms of this Order.

YOUR RIGHT TO APPEAL

You have a right to appeal this Order to the Pollution Control Hearing Board (PCHB) within 30 days of the date of receipt of this Order. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal you must do both of the following within 30 days of the date of receipt of this Order:

- File your appeal and a copy of this Order with the PCHB (see addresses below). Filing means actual receipt by the PCHB during regular business hours.
- Serve a copy of your appeal and this Order on Ecology in paper form – by mail or in person (see addresses below). Email is not accepted.

You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

Your appeal alone will not stay the effectiveness of this Order. Stay requests must be submitted in accordance with RCW 43.21B.320.

ADDRESS AND LOCATION INFORMATION

Street Addresses	**Mailing Addresses**
Department of Ecology Attn: Appeals Processing Desk 300 Desmond Drive SE Lacey, WA 98503	**Department of Ecology** Attn: Appeals Processing Desk PO Box 47608 Olympia, WA 98504-7608
Pollution Control Hearings Board 1111 Israel Road SW Suite 301 Tumwater, WA 98501	**Pollution Control Hearings Board** PO Box 40903 Olympia, WA 98504-0903

CONTACT INFORMATION

Please direct all questions about this Order to:

Mathew Kwartin
Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

Phone: (425) 649 - 4484
Email: mkwa461@ecy.wa.gov

MORE INFORMATION

- **Pollution Control Hearings Board Website:** www.eho.wa.gov/Boards_PCHB.aspx
- **Chapter 43.21B RCW – Environmental Hearings Office – Pollution Control Hearings Board:** http://apps.leg.wa.gov/RCW/default.aspz?cite=43.21B
- **Chapter 371-08 WAC – Practice and Procedure:** http://apps.leg.wa.gov/WAC/default.aspx?cite=371-08
- **Chapter 34.05 RCW – Administrative Procedure Act:** http://apps.leg.wa.gov/RCW/default.aspx?cite=34.05
- **Laws:** www.ecy.wa.gov/laws-rules/ecyrcw.html
- **Rules:** www.ecy.wa.gov/laws-rules/ecywac.html

SIGNATURE

Rachel McCrea

Rachel McCrea
Water Quality Section Manager
Northwest Regional Office
Washington State Department of Ecology

4/29/2020
Date

APPENDIX C

Maddux North – Cleanup Action Photograph Log

Demolition and Site Clearing

Photograph 1. Demolition of residential property on 7/15/2020. Photo facing north.

Photograph 2. Demolition of property on 7/15/2020. Photo facing south.

Photograph 3. Demolition of subgrade structure on the west side of Maddux North on 7/28/2020. Photo facing northwest.

Photograph 4. Site cleared on the center and east sides of Maddux North on 7/24/2020. Photo facing northeast.

UST Removal

Photograph 5. Underground Storage Tank Removal on 7/30/2020. Northeast corner of site.

Photograph 6. Soil conditions around underground storage tank on 7/30/2020. Northeast corner of site, looking east.

Photograph 7. Removing former decommissioning material from underground storage tank on 7/30/2020. Northeast corner of site, looking west.

Excavation

Dangerous Waste and Hazardous Waste Removal

Photograph 8. Slab on top of hazardous waste soil area on 08/31/20. Photo facing northwest.

Photograph 9. Hazardous waste excavation on 8/31/2020. Facing northeast corner of site. Ambient air monitoring occurring during excavation. Monitor pictured in foreground.

Photograph 10. Dangerous waste removal 9/1/2020. Photo facing west.

Photograph 11. Extent of dangerous waste excavation on 9/2/20. Photo facing west.

CI Excavation

Photograph 12. CI excavation on 9/9/2020 (in recessional outwash, pre-Fraser). Photo facing northeast.

Photograph 13. CI excavation on 10/2/2020. Photo facing east.

Photograph 14. CI stockpile loadout on 10/12/2020. Photo facing west.

Photograph 15. CI Excavation on 10/12/20. Photo facing northwest.

Photograph 16. CI excavation and stockpiling on 10/13/2020. Photo facing southwest.

Photograph 17. Excavation in northeast corner of site on 10/12/21. Photo facing north.

Photograph 18. Excavation on 10/22/20. Photo facing north.

Overexcavation of CI Soil

Photograph 19. Overexcavation of CI Soil along the southern property boundary on 10/20/20. Photo facing east.

Photograph 20. Overexcavation of recessional outwash in central portion of site on 10/21/20. Photo facing northeast.

Photograph 21. Overexcavation slot cuts along north wall on 10/22/20. Photo facing north.

Photograph 22. Overexcavation and gravel backfill in southwest portion of site on 11/02/20. Photo facing north.

Injection Pilot Test and Full-Scale Implementation

Photograph 23. Injection pilot test on 01/04/21. Photo facing south.

Photograph 24. Injection full scale implementation on 02/19/21. Injection solution can be seen breaking through the shoring wall (dark liquid). Photo facing east.

Site Backfill

Photograph 25. Backfill of the site to the intended building grade 3/5/2021 (facing northeast).

APPENDIX D

Maddux South – Cleanup Action Photograph Log

Demolition

Photograph 1. Demolition of property on 7/24/2020. Photo facing south.

Photograph 2. Demolition of rock wall in southeast corner of property on 9/09/2020. Photo facing southeast.

Excavation

Photograph 3. Segregation of soil cuttings from pile installations on 9/2/20. Photo facing south.

Photograph 4. Excavation of fill material on 9/22/20. Photo facing southeast.

Photograph 5. Excavation on 10/01/20. Photo facing west.

Photograph 6. Excavation on 10/01/20. Photo facing south.

Photograph 7. Excavation on 10/12/20. Photo facing northeast.

Photograph 8. Excavation on 10/13/20. Photo facing northwest.

Photograph 9. Excavation on 10/19/2020. Photo facing south.

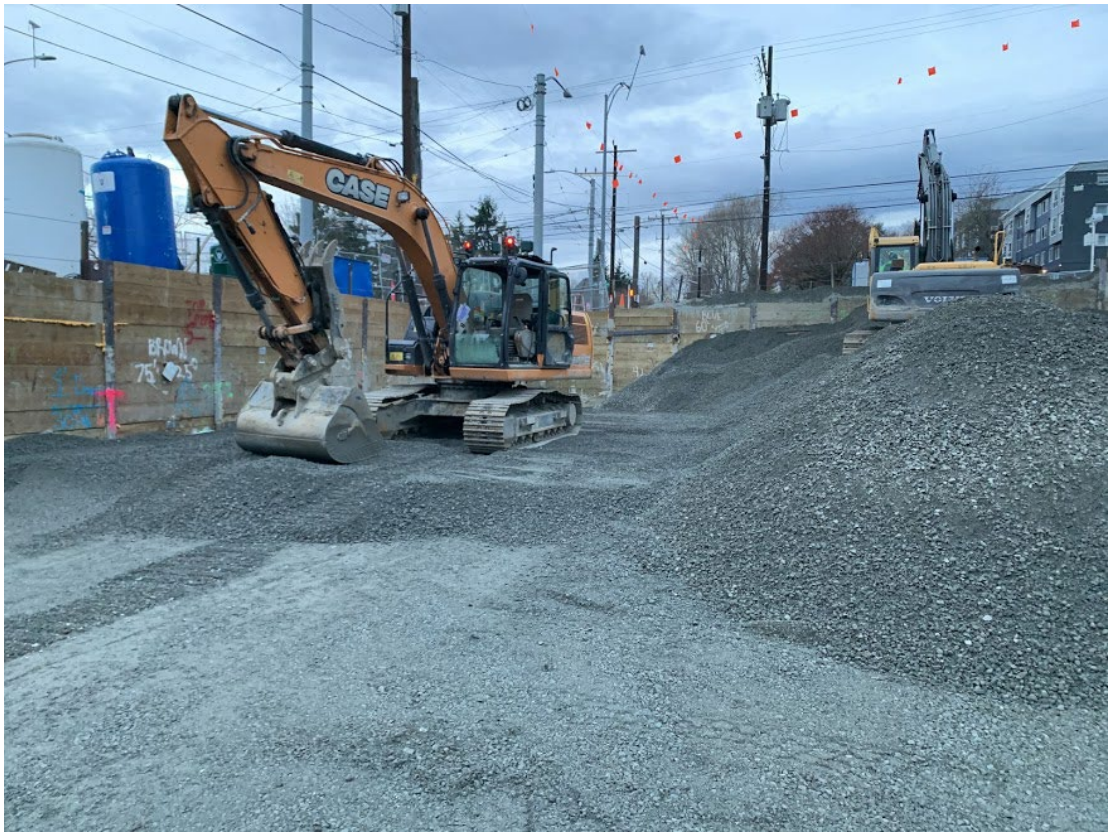
Photograph 10. Excavation along west sidewall on 10/30/20. Photo facing north.

Photograph 11. Excavation in southeast corner on 11/2/2020. Photo facing southwest.

Photograph 12. Overexcavation in southeast corner on 11/2/2020. Photo facing west.

Site Backfill

Photograph 13. Backfill and compaction in southeast corner on 11/9/2020. Photo facing west.



Photograph 14. Gravel backfill and compaction to building grade on western portion of Maddux South, 12/7/2020, looking northwest.

APPENDIX E

Underground Storage Tank Decommissioning Records

Underground Storage Tank Decommissioning Certification

Project Information						
Date:	7/30/2020	Site Address:	2864 S. McClellan St. Seattle WA			
Decommissioner:	Dan Kuhn	ICC Certification #:	9291718			
Time on Site:	8:00	UST Permit #:	120982			
Time Off Site:	16:00	ECY Notification	Yes		No	N/A

Project Personell						
Dan Kuhn	REES	Bryan Berna	Marine Chemist			
Shane Patterson	REES					
Steve	Northern Environmental					
Kristen	Aspect					
Terry Williams	Seattle Fire Department					

Tank Information							
Tank ID	Contents	Tank Dimensions	Capacity	Date Installed	Tank Construction Material	Deficiencies	Method of Decommissioning
1	Sand	75" x 50"	~500 gal	Unknown	Steel	NO	Removal

Decommissiong Checklist				
	Yes	No	N/A	Notes
Safety Equipment On Site And Accessible?	X			
Overhead Obstructions Awknowledged?	X			
Utilities Located?	X			
Traffic Control Present?			X	
Product Lines Drained?	X			
Tank Pumped Free Of Contents?			X	Unable to rinse, tank has sand in it.
Tank(s) Rinsed?			X	Formerly decommissioned
Tank(s) Inerted For Hotwork or Removal?			X	
Fire Marshall Notified?	X			

Disposal Information			
	Disposal Method	Disposal Contractor	Receiving Facility
UST(s)	Removal	REES	REES
Piping	Removal	REES	REES
Product	N/A	N/A	N/A
Rinse Water	N/A	N/A	N/A
Contaminated Soil	N/A	N/A	N/A

Tank Removal and Disposal Checklist				
	Yes	No	N/A	Notes
Staging Area Present?	X			
Soil Staging Area Prepped?	X			
Tanks Blocked/Stabilized?	X			
Tank Placed on Truck/Secure?	X			
Tank Labeled For Transport?	X			

Site Assessment Checklist And Information				
	Yes	No	N/A	Notes
Contamination Present?	X			Aspect Environmnetal to sample and comfirm.
Soil Samples Collected?	X			
Signs of Contamination?	X			
Water Present in Excavation?		X		
Was A Site Map Created?		X		
Soils Classified?			X	

I certify that this underground storage tank decommissioning was conducted under the supervision of and ICC certified UST decommissioner and was done in accordance with the rules and regulations established in the Washington Administrative Code and the Uniform Fire Code.

Signature: 7/30/20 ICC Certification #: 9291718

17115 SE 270th Place, Suite E106 Covington, WA 98042 ♦ 425.584.7089 ♦ Dkuhn@rivers.city

July 30, 2020

Subject: UST Decommissioning Certification – 2864 S. McClellan St. Seattle WA

Rivers Edge Environmental Services Inc. (REES) is pleased to provide the Underground Storage Tank (UST) Decommissioning Certification for the UST formerly located at 2864 S. McClellan St. Seattle WA 98144.

The known UST was formerly decommissioned by Associated Environmental Group, LLC in 2011, but upon inspection of the inside of the tank it did not appear to be full of CDF as stated in the decommissioning report provided by AEG. Aspect Consulting recommended that the tank be treated as if it were not decommissioned and WG Clark asked Rivers Edge Environmental Services Inc. (REES) to obtain proper documentation and permits to remove the tank.

Dan Kuhn with REES was on site at 8:00 on July 30, 2020 to act as the certified UST decommissioner and to meet with Northern Environmental (pump truck) and Bryan Berna (Marine Chemist) with the Fire Marshal scheduled to be onsite at 9:00. Upon initial inspection, the tank appeared to have a 1 foot by 1 foot square hole cut into it for cleaning during the previous decommissioning efforts. The contents of the tank looked to be sandbags/sand/gravel/soil making rinsing the tank with water not possible. The Marine Chemist, Bryan Berna, used a multi-gas meter to test the LEL and VOC levels prior to the arrival of the Fire Marshal. The VOC levels were 2 PPM and the LEL was 0%. Bryan deemed the tank safe for excavation. Terry Williams with the Seattle Fire Department was on site at 9:15 and provided the permit and official word to remove the tank.

The contents of the tank, sand/gravel and sandbags were dumped out of the tank onto plastic sheeting in an area OK for stockpiling and covering the material. Per Aspect Consulting the material is to be loaded into dump trucks and disposed of at Waste Management upon the approval of the waste profile. Aspect Consulting will be providing waste profile information and REES will provide loading and hauling of material to disposal facility. The steel shell of the UST was

ripped into multiple pieces using track mounted excavators and will be disposed of at REES' main equipment yard in Covington, Washington before its final destination at Metro Metals.

The following supplemental documentation is also included with the above narrative:

- Site photos
- City of Seattle Fire Department Removal Permit
- Marine Chemist Certification
- Northern Environmental Standby Truck Ticket
- ICC UST Decommissioning Certification for Dan Kuhn

Sincerely,

Dan Kuhn, Estimator/PM
Rivers Edge Environmental Services, Inc.

MARINE CHEMIST CERTIFICATE

SERIAL NO. A 026910

Marine Chemist's Name: BRYAN BERNA (Print)

Marine Chemist's Contact Information: 360 550 3399 (Telephone/Pager/Email)

Page 1 of 1

RIVERS EDGE Survey Requested by	MT SAFER HOUSING AUTH. Vessel Owner or Agent	7/30/2020 Date
UST Vessel	UNDERGROUND STORAGE TANK Type of Vessel	2864 S. McCLELLAN STREET Specific Location of Vessel
HEATING O.U (3x) Last Three (3) Loadings	O_2, VOC, LEL, VISUAL Tests Performed	0935 Time Survey Completed

1 — ~ 500 gal STORAGE TK > ATMOSPHERE SAFE FOR WORKERS SAFE FOR LIMITED HOT WORK

LOCATED AT N/E CORNER OF CONSTRUCTION SITE

(20.8% O_2, 0% LEL, < 2 ppm VOC)

— INSTRUCTIONS

~ POST FIRE WATCH W/ CHARGED FIRE EXTINGUISHER DURING HOT WORK

— LIMITATIONS

~ HOT WORK LIMITED TO EXCAVATION & TRANSPORT OF 500 gal TANK OFFSITE

— GENERAL

~ TANK OPENED HISTORICALLY UNDER MC CERT TO FACILITATE CLEANING.

~ CLEAN FILL VISIBLE / SAND BAGS; GRAVEL

In the event of physical or atmospheric changes affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, this certificate is voided; spaces not listed on the Certificate are not to be entered unless authorized on another Certificate and/or maintained in accordance with OSHA 29 CFR 1915; or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist. Unless otherwise stated on the Certificate, all spaces and affected adjacent spaces are to be reinspected daily or more often as necessary by the competent person in support of work prior to entry or recommencement of work.

QUALIFICATIONS: Transfer of ballast, cargo, fuel, or manipulation of valves or closure equipment tending to alter conditions in pipelines, tanks, or compartments subject to gas accumulation, unless specifically approved on this Certificate, requires inspection and a new Certificate for spaces so affected. All lines, vents, heating coils, valves, and similar enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated. Movement of the vessel from its specific location voids the Certificate unless shifting of the vessel within the facility has been specifically authorized on this Certificate.

STANDARD SAFETY DESIGNATIONS: (partial list, paraphrased from NFPA 306).

ATMOSPHERE SAFE FOR WORKERS: In the compartment or space so designated (a) the oxygen content of the atmosphere is at least 19.5 percent and not greater than 22 percent by volume; (b) the concentration of flammable materials is below 10 percent of the lower explosive limit; (c) any toxic materials in the atmosphere associated with cargo, fuel, tank coatings, inerting mediums, or fumigants are within permissible concentrations at the time of the inspection.

NOT SAFE FOR WORKERS: In the compartment or space so designated, entry is not permitted.

ENTER WITH RESTRICTIONS: In the compartment or space so designated, entry for work is permitted only if conditions of proper protective equipment, or clothing, or time, or all of the aforementioned, as appropriate, are as specified.

SAFE FOR HOT WORK: In the compartment or space so designated (a) the oxygen content of the atmosphere is not greater than 22 percent by volume; (b) the concentration of flammable materials in the atmosphere is less than 10 percent of the lower explosive limit; (c) the residues, scale, or preservative coatings are cleaned sufficiently to prevent the spread of fire and are not capable of producing a higher concentration than permitted by (a) or (b); (d) all adjacent spaces, containing or having contained flammable or combustible materials shall be sufficiently cleaned of residues, scale, or preservative coatings to prevent the spread of fire, or they are inerted. Ship's fuel tanks, lube tanks, or engine room or fire room bilges, or other machinery spaces, are treated in accordance with the Marine Chemist's requirements.

SAFE FOR LIMITED HOT WORK: In the compartment or space so designated (a) portions of the space meet the requirements for Safe for Hot Work and Partial Cleaning, as applicable, or (b) the space is inerted, adjacent spaces meet the requirements for Safe for Hot Work, and hot work is restricted to specific locations; (c) portions of the space shall meet the requirements for Safe for Hot Work, as applicable, and the nature or type of hot work is limited or restricted.

NOT SAFE FOR HOT WORK: In the compartment or space so designated, hot work is not permitted.

CHEMISTS ENDORSEMENT. This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under NFPA 306 and understands conditions and limitations under which it was issued, and the requirements for maintaining its validity."

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed [signature] JOHN REES (Name) (Company) 7/30/20 (Date)

Signed [signature] (Marine Chemist) 739 (Certificate No.)

POSTING COPY

Printed in U.S.A.

RECEIVED
JUL 28 2020
PERMIT SECTION

Thurs. July 30, 2020
9am

Your Seattle Fire Department

APPLICATION FOR TEMPORARY PERMIT

Code 7908 — **Commercial Tank Removal/Decommissioning**

Permit Fee: $288.00

Date Issued: 7/30/2020

TO BE COMPLETED BY PERMIT APPLICANT

Tank(s) must be removed from site on the same day as permit is issued!

BUSINESS NAME: Rivers Edge Environmental Services Inc

MAILING ADDRESS: 17115 SE 270th place SUITE: E106

CITY: Covington STATE: WA ZIP: 98042

JOBSITE ADDRESS: 2864 S McClellan St Seattle WA

CONTACT PERSON: Dan Kuhn PHONE NUMBER: (206) 962-0323

Number of Tank(s): 1 Tank Size(s): 2500 gallon ☐ Aboveground tank

Product(s) Previously Contained: Heating oil ☒ Underground tank

☒ Removal (Marine Chemist inspection and certificate required for all tanks regardless of size or contents)

☐ Abandonment-in-Place (Marine Chemist certificate required for tanks previously containing Class I flammable liquids and/or unknowns)

Hot work being conducted: ☒ No ☐ Yes (If yes, a separate hot work permit is required)

Permit applications may be submitted in person weekdays from 8:00 a.m. to 4:30 p.m., or mailed to:

Seattle Fire Department
Fire Marshal's Office – Permits
220 Third Ave S, 2nd Floor
Seattle, WA 98104-2608

To pay with a Visa or Master Card, email this completed application to us,
THEN CALL US TO CONFIRM RECEIPT AND MAKE PAYMENT.
Tel: (206) 386-1450
E-mail: permits@seattle.gov

Call 206-386-1450, at least 24 hours prior to needed inspection time to arrange for an appointment.
TANKS MAY BE REMOVED/DECOMMISSIONED ONLY AFTER FIRE DEPARTMENT INSPECTION
NO HOT WORK IS ALLOWED ON A TANK SYSTEM PRIOR TO ISSUANCE OF THIS FIRE DEPARTMENT PERMIT!

Permission is hereby granted to remove or decommission the tank(s) identified in this permit in accordance with the attached conditions, all noted special conditions, and all applicable provisions of the Seattle Fire Code, and federal, state, and local regulations. **THIS PERMIT IS NULL AND VOID IF PERMIT CONDITIONS ARE NOT ATTACHED.**

I understand the conditions of this permit and will ensure all tank removal/decommissioning operations are conducted accordingly. I acknowledge that I received an inspection by a Seattle Fire Department inspector today.

Dan Kuhn (Print Name) | (Signature) | Project Mgr/Estimator (Title)

Special permit conditions: *Tank removal/decommissioning must be performed, or directly supervised, by an ICC certified individual (WAC 173-350-600)*

FMO USE:
Check No.: CC 000189290 72820
Receipt No.: 5.317508
Application ID#: 120982

APPROVED BY:
Inspector: T. WILLIAMS SFD ID# 1481
Name of Marine Chemist BRYAN BERNA Certificate # 739-026910
Date: 7/30/2020

(01/19)

COMMERCIAL TANK REMOVAL/DECOMMISSIONING PERMIT CONDITIONS

1. Two (2) portable fire extinguishers each having a minimum rating of 40 BC shall be on site within 50 feet of the operation. Fire extinguishers shall be inspected, approved and certified annually.

2. Rope or ribbon barricades located at least 10 feet from the tank shall surround every outdoor storage tank removal or decommissioning operation or the operation shall be enclosed in a fenced yard.

3. "No Smoking" signs shall be posted in readily visible locations.

4. No hot work is allowed on a tank system prior to issuance of this permit and the tank is certified "Safe for Hot Work" by a Certified Marine Chemist. Hot work means any activities involving riveting, welding, burning, brazing, soldering, heating, chopping, grinding, ripping, drilling, cutting with a chop saw or "Sawzall", abrasive blasting, use of powder-actuated tools or similar spark-producing operations, crushing or mechanically shearing to facilitate opening for cleaning, disposal, scrapping for recycling purposes.

5. A separate temporary Seattle Fire Department permit (Code 4913) or a validation number assigned in conjunction with an annual hot work permit (Code 4911 or 4912) is required prior to any hot work operations.

6. Permits may cover multiple tanks located at the same address. If additional tanks are to be removed or abandoned at later dates, separate permits shall be obtained. Each address location requires a separate permit application regardless of whether multiple address locations are physically next to one another.

7. Additional fees will be charged if inspectors are required to work other than normal business hours. (Normal business hours are Monday through Friday, 8:00 a.m. to 4:30 p.m.)

8. No excavation of an underground tank is permitted prior to inspection by the Seattle Fire Marshal's Office.
   Exception: Removal of the top layer of asphalt or concrete only with no removal of dirt, pea gravel or soil over the underground storage tank. Further excavation may be allowed by a Seattle Fire Department Special Hazards Unit Inspector prior to the initial inspection depending on conditions and if the tank has been inerted by a Marine Chemist who is present on site. The name of the inspector and the time permission was given shall be made available at time of inspection.

9. Prior to inspection, to ensure tanks and connected piping are completely free of all flammable or combustible liquids, a receipt or certificate must be on site indicating the tanks have been pumped and rinsed by an approved company. Product and rinse water must be disposed of in an approved manner.

10. For tanks being decommissioned in place that previously contained Class I liquids, a Certified Marine Chemist certificate must be issued and available on site for inspection certifying that the tank has been properly inerted prior to filling.

11. No tank shall be filled prior to an inspection by the Seattle Fire Marshal's Office.

12. Tanks being decommissioned in place must be filled with a lean concrete mixture. Filling with foam is prohibited.

13. A Marine Chemist's certificate verifying the tank has been properly inerted or is otherwise certified "Safe for Hot Work" shall be issued and available on site for inspection for each underground and aboveground tank being removed regardless of the product previously contained.

14. If tanks are being removed, the tanks' atmosphere must be inert using one of the following approved methods:
    - Dry ice (pellets or chunks of solid CO_2). Minimum 40 lbs per 1000 gallons of tank capacity is recommended.
    - Compressed CO_2 gas in cylinders (Note: This method may only be performed by a Certified Marine Chemist).
    - Purging with air (gas-freeing) using Venturi tube apparatus, with proper bonding and grounding and after the tank has been pumped and rinsed by an approved company.

15. A maximum reading of less than 6% of oxygen must be obtained prior to the removal of the tanks if CO_2 or another inert gas, as approved by the Marine Chemist, is used to inert the tank or, a reading of 0% LEL must be obtained prior to removal of the tank if the air-purging (Venturi air moving devices) method is used.

16. All local, state and federal regulations for confined space entry shall be complied with prior to entering an underground storage tank.

17. Tanks with baffles to prevent movement of liquid must be certified gas-freed or inerted by a Certified Marine Chemist or a Petroleum Industry Safety Engineer regularly engaged in that business prior to removal.

18. Tanks being removed must be removed from the site and relocated to a remote, approved facility on the same day that the permit is issued.

19. During the hot work operations, digging, excavating, hauling or transport of petroleum storage tanks that have not been cleaned and gas-freed, tanks must be inerted to less than 6% oxygen. All openings are to be cap closed and secured except for one 1/8" hole drilled through a cap. These tanks are to be sprayed painted with "INERTED, DO NOT ENTER" or "INERTED WITH CO_2, NOT SAFE FOR WORKERS".

INTERNATIONAL CODE COUNCIL

DAN KUHN

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

UST DECOMMISSIONING

Given this day of October 08, 2019

Certificate No. 9291718

Greg Wheeler
President, Board of Directors

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED

Dominic Sims
Chief Executive Officer

ICC INTERNATIONAL CODE COUNCIL®

This certificate is the property of ICC and must be returned to ICC in the event of suspension or revocation of the certificate.

Northern ENVIRONMENTAL

2661 North Pearl St. #145
Tacoma, WA 98407
253.503.3096

DATE	WORK ORDER #	TICKET #
7-30-20	62269	31369

OPERATOR	LABORER
Steve	

Customer Rivers Edge Environmental Services Inc. Job Phone

Job Address 17115 SE 270th Place C, S, Z Covington, WA 98042

TRAVEL TO SITE START	TRAVEL TO SITE STOP	ON SITE IN	ON SITE OUT	DUMP OUT COMPLETED	RETURN TO SHOP	TRUCK #
7:30	8:20	8:20	10:00			219

QUANTITY	JOB DESCRIPTION	RATE	TOTAL
~~06~~	~~Pumped & triple rinsed 500 gal. UST SP~~		
	Onsite Standby UST dry (rinse not required)		
1	Vac Truck & Driver (Steve)		
1	Energy Compliance Fee		

DISPOSAL: ☐ ON SITE ☒ OFF SITE

LOCATION: ~~PRS Group SP~~

SUBTOTAL	
TAX	
TOTAL	

SIGNATURE BELOW ACKNOWLEDGES PAYMENT TERMS ON REVERSE:

STOMER NAME: ~~Rivers Edge~~ / Dan Kaiser SIGNATURE:

APPENDIX F

Maddux North - Laboratory Analytical Reports

Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

November 6, 2020

Andrew Yonkofski
Aspect Consulting, LLC
710 2nd Ave, Ste 550
Seattle, WA 98104

Dear Mr. Yonkofski:

Please find enclosed the analytical data report for the Maddox North, Maddox South Project located in Seattle, 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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/4/2020 Page: 1 of: 3

Project Name: Maddux North / South

Project No: 160324

Collected by: DWU / CEB

Location: Maddux North / South

Report To (PM): A. Yorkofski

PM Email: ayorkofski@aspectconsulting.com

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 413-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	CVOCs 8260 Hold			Comments
1	B-P33-P53-60-N	~~0420~~	0920	S												X				11/4/20 Sample date
2	B-P32-P53-57-N	11/4/20	0930																	B-P32-P53-57-N
3	B-P33-P53-54-N		0940																	B-P32-P53-54-N
4	B-P33-P53-51-N		0945																	B-P32-P53-51-N
5	B-P33-P53-48-N		0955																	B-P32-P53-48-N
6	B-P32-P51-57-N		1045																	Changes requested by on-site staff
7	B-P32-P51-54-N		1050																	11/5/2020
8	B-P32-P51-51-N		1055																	Hold
9	B-P32-P51-48-N		1105																	Hold
10	B-P30-P51-60-N		1140														X			Analyze 11-4 AY

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	11/4/20 1450	x [signature] CMA	11-4-20 1450
Relinquished x	Date/Time	Received x	Date/Time

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/4/2020 Page: 2 of: 3

Project Name: Maddux North/South

Project No: 160324

Collected by: DWU / CEB

Location: Maddux North / South

Report To (PM): A. Yankelski

PM Email: ayankelski@aspectconsulting.com

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 413-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs Hold			Comments
1	B-P30-P51-57-N	11/4/20	1145	S													X			analyze 11-4 AY
2	B-P30-P51-54-N		1150																	analyze 11-4 AY
3	B-P30-P51-51-N		1200																	Hold
4	B-P30-P51-48-N		1210																	Hold
5	B-P30-P49-57-N		1220													X				
6	B-P30-P49-54-N		1230																	
7	B-P30-P49-51-N		1235																	
8	B-P30-P49-48-N		1240																	Hold
9	B-P32-P19-44-S		0845																	~~B-P32-P19-42-S~~ SC
10	B-P32-P20.5-44.5		0850																	~~B-P32-P20.5-42.5~~ SC

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

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***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

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Relinquished	Date/Time	Received	Date/Time
x [signature]	11/4/20 1450	x [signature] CAA	11-4-20 1450
Relinquished x	Date/Time	Received x	Date/Time

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/4/2020 Page: 3 of: 3

Project Name: Maddox North / South

Project No: 160324

Collected by: DWU / LEB

Location: Maddox North / South

Report To (PM): A. Yonkofski

PM Email: ayonkofski@aspectconsulting.com

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA. 98104

Telephone: (206) 413-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	CUUs 8260	Hold 8260			Comments
1	B-P32-P19-42-S	11/4/20	1305	S													X					
2	B-P32-P20.5-42-S		1320														X					
3	B-P32-P19-40-S		1335															X				
4	B-P32-P20.5-42-S		1345															X				
5	B-P34.25-P49-56-N		1415														X					
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	11/4/20 1450	x [signature]	11-4-20 1450
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	B-P32-P49-54-N	B-P32-P49-51-N	B-P32-P49-48-N	B-P32-P53-60-N	B-P32-P53-57-N
Date Sampled	Reporting	N/A	11/3/2020	11/3/2020	11/3/2020	11/4/2020	11/4/2020
Date Analyzed	Limits	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	0.18	0.33	nd	nd
Trichloroethene (TCE)	0.02	nd	0.023	0.073	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	0.39	1.02	nd	nd	0.072
Surrogate Recovery							
Dibromofluoromethane		118	119	120	122	120	117
1,2-Dichloroethane-d4		118	115	109	114	112	108
Toluene-d8		88	86	88	88	88	87
4-Bromofluorobenzene		85	79	80	80	79	80

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
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FAX: (360) 352-4154
Email: libbyenv@gmail.com

MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P53-54-N	B-P32-P53-51-N	B-P32-P53-48-N	B-P32-P51-57-N	B-P32-P51-54-N	B-P30-P51-60-N
Date Sampled	Reporting	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020
Date Analyzed	Limits	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/5/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	0.022	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	0.36	0.29	nd	0.079	nd	nd
Surrogate Recovery							
Dibromofluoromethane		119	114	112	116	121	116
1,2-Dichloroethane-d4		113	106	108	110	118	112
Toluene-d8		87	86	87	87	87	87
4-Bromofluorobenzene		78	85	87	80	77	81

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P30-P51-57-N	B-P30-P51-54-N	B-P30-P49-57-N	B-P30-P49-54-N	B-P30-P49-51-N	Method Blank
Date Sampled	Reporting	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	N/A
Date Analyzed	Limits	11/4/2020	11/4/2020	11/4/2020	11/5/2020	11/5/2020	11/4/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	0.13	0.17	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	0.27	nd	nd
Tetrachloroethene (PCE)	0.03	nd	0.20	0.13	5.8	0.12	nd
Surrogate Recovery							
Dibromofluoromethane		113	113	120	115	115	114
1,2-Dichloroethane-d4		106	107	111	111	111	112
Toluene-d8		87	88	87	89	89	88
4-Bromofluorobenzene		82	85	77	95	114	86

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P19-44-S	B-P32-P20.5-44-S	B-P32-P19-42-S	B-P32-P19-42-S Dup	B-P32-P20.5-42-S
Date Sampled	Reporting	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020
Date Analyzed	Limits	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	0.032	0.033	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	0.16	0.16	0.14	0.19	nd
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
Surrogate Recovery						
Dibromofluoromethane		118	122	124	123	120
1,2-Dichloroethane-d4		105	114	113	118	113
Toluene-d8		88	90	87	87	87
4-Bromofluorobenzene		79	81	76	79	79

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P34.25-P49-56-N
Date Sampled	Reporting	11/4/2020
Date Analyzed	Limits	11/4/2020
	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd
cis -1,2-Dichloroethene	0.03	nd
Trichloroethene (TCE)	0.02	nd
Tetrachloroethene (PCE)	0.03	0.18
Surrogate Recovery		
Dibromofluoromethane		117
1,2-Dichloroethane-d4		116
Toluene-d8		86
4-Bromofluorobenzene		99

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-P32-P19-42-S

Date Analyzed 11/4/2020

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl chloride	0.25	0.25	0.23	100	90	10.1	65-135	
cis-1,2-Dichloroethene	0.25	0.26	0.26	106	103	2.3	65-135	
Trichloroethene (TCE)	0.25	0.24	0.21	96	85	11.9	65-135	
Tetrachloroethene (PCE)	0.25	0.19	0.21	74	82	10.3	65-135	
Benzene	0.25	0.23	0.25	90	101	11.3	65-135	
Toluene	0.25	0.20	0.19	78	75	3.7	65-135	
Ethylbenzene	0.25	0.20	0.19	80	78	3.0	65-135	
Total Xylenes	0.75	0.56	0.55	74	73	1.8	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	118	116	65-135
1,2-Dichloroethane-d4	111	113	65-135
Toluene-d8	90	91	65-135
4-Bromofluorobenzene	100	94	65-135

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed 11/4/2020

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.22	86	80-120	
cis-1,2-Dichloroethene	0.25	0.26	102	80-120	
Trichloroethene (TCE)	0.25	0.27	109	80-120	
Tetrachloroethene (PCE)	0.25	0.30	118	80-120	
Benzene	0.25	0.25	100	80-120	
Toluene	0.25	0.22	89	80-120	
Ethylbenzene	0.25	0.23	93	80-120	
Total Xylenes	0.75	0.66	88	80-120	

Surrogate Recovery			
Dibromofluoromethane	116	65-135	
1,2-Dichloroethane-d4	114	65-135	
Toluene-d8	92	65-135	
4-Bromofluorobenzene	100	65-135	

ANALYSES PERFORMED BY: Sherry Chilcutt

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-P30-P51-60-N

Date Analyzed 11/5/2020

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl chloride	0.25	0.26	0.27	102	106	3.8	65-135	
cis-1,2-Dichloroethene	0.25	0.22	0.24	90	96	6.9	65-135	
Trichloroethene (TCE)	0.25	0.22	0.23	89	91	2.7	65-135	
Tetrachloroethene (PCE)	0.25	0.24	0.29	97	116	18.0	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	115	112	65-135
1,2-Dichloroethane-d4	110	104	65-135
Toluene-d8	91	90	65-135
4-Bromofluorobenzene	130	105	65-135

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed 11/4/2020

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.26	104	80-120	
cis-1,2-Dichloroethene	0.25	0.23	94	80-120	
Trichloroethene (TCE)	0.25	0.23	92	80-120	
Tetrachloroethene (PCE)	0.25	0.25	101	80-120	

Surrogate Recovery		
Dibromofluoromethane	118	65-135
1,2-Dichloroethane-d4	116	65-135
Toluene-d8	94	65-135
4-Bromofluorobenzene	109	65-135

ANALYSES PERFORMED BY: Sherry Chilcutt

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Analyses of Gasoline (NWTPH-Gx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)
Method Blank	11/4/2020	88%	nd
B-P32-P19-44-S	11/4/2020	88%	nd
B-P32-P20.5-44-S	11/4/2020	90%	nd
B-P32-P19-42-S	11/4/2020	87%	nd
B-P32-P19-42-S Dup	11/4/2020	87%	nd
B-P32-P20.5-42-S	11/4/2020	87%	nd
Practical Quantitation Limit			10

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	11/4/2020	86	nd	nd
B-P32-P19-44-S	11/4/2020	83	nd	nd
B-P32-P20.5-44-S	11/4/2020	89	nd	nd
B-P32-P20.5-44-S Dup	11/4/2020	80	nd	nd
B-P32-P19-42-S	11/4/2020	91	nd	nd
B-P32-P20.5-42-S	11/4/2020	77	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: Sherry Chilcutt

Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

November 6, 2020

Andrew Yonkofski
Aspect Consulting, LLC
710 2nd Ave, Ste 550
Seattle, WA 98104

Dear Mr. Yonkofski:

Please find enclosed the analytical data report for the Maddox North, Maddox South Project located in Seattle, 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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/5/20 Page: 1 of: 1

Project Name: Maddux N

Project No: 160324

Collected by: RAC

Location: Maddux N

Report To (PM): Andrew Yankofski

PM Email: ayankofski@aspectconsulting.com

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste 550

City, State, Zip: Seattle, WA 98104

Telephone: (206) 413-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260				Comments
1	B-P34.25-P53-5.5-N	11/5/20	0850	Soil													X				
2	B-P34.25-P51-5.5-N		0940																		
3	B-P32-P1-6.0-N		1250																		
4	B-P34.25-P47-5.5-N		1330																		
5	B-P32-P1-57.5-N		1437																		
6	SW-P32-P21.5-42-S	11/5/20	0835	Soil				X	X								X				
7	SW-P32-P19-42-S	11/5/20	0825	Soil				X	X								X				
8																					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Rachel Cu	11/5/20 1600	x [signature]	11-5-20 1600
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- ☐ Same Day ____ (specify)

Libby Environmental, Inc.

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201105-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	B-P30-P51-51-N	B-P30-P49-48-N	B-P34.25-P53-56-N	B-P34.25-P51-56-N
Date Sampled	Reporting	N/A	11/4/2020	11/4/2020	11/5/2020	11/5/2020
Date Analyzed	Limits	11/5/2020	11/5/2020	11/5/2020	11/5/2020	11/5/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	0.12	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	0.064	0.14
Surrogate Recovery						
Dibromofluoromethane		116	113	109	117	120
1,2-Dichloroethane-d4		109	9	90	108	109
Toluene-d8		90	88	89	86	87
4-Bromofluorobenzene		82	84	75	77	78

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201105-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P1-60-N	B-P34.25-P47-56-N	B-P32-P1-57.5-N
Date Sampled	Reporting	11/5/2020	11/5/2020	11/5/2020
Date Analyzed	Limits	11/5/2020	11/5/2020	11/5/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	0.081	nd
Trichloroethene (TCE)	0.02	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd
Surrogate Recovery				
Dibromofluoromethane		117	123	111
1,2-Dichloroethane-d4		117	101	91
Toluene-d8		85	88	88
4-Bromofluorobenzene		79	80	106

"nd" Indicates not detected at listed detection limit.
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ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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Seattle, Washington
Libby Project # L201105-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P19-40-S	SW-P32-P21.5-42-S	SW-P32-P21.5-42-S	SW-P32-P19-42-S
Date Sampled	Reporting	11/4/2020	11/5/2020	11/5/2020	11/5/2020
Date Analyzed	Limits	11/5/2020	11/5/2020	11/5/2020	11/5/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd
Benzene	0.02	nd	nd	nd	nd
Toluene	0.10	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd	nd
Surrogate Recovery					
Dibromofluoromethane		115	123	109	120
1,2-Dichloroethane-d4		101	113	86	107
Toluene-d8		89	89	86	88
4-Bromofluorobenzene		79	81	73	82

"nd" Indicates not detected at listed detection limit.
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ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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Seattle, Washington
Libby Project # L201105-10
Client Project # 160324

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: SW-P32-P21.5-42-S

Date Analyzed 11/5/2020

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl chloride	0.25	0.23	0.26	92	104	11.8	65-135	
cis-1,2-Dichloroethene	0.25	0.22	0.27	87	109	22.9	65-135	
Trichloroethene (TCE)	0.25	0.23	0.25	90	99	9.3	65-135	
Tetrachloroethene (PCE)	0.25	0.25	0.27	99	108	8.1	65-135	
Benzene	0.25	0.21	0.25	84	101	18.1	65-135	
Toluene	0.25	0.20	0.23	79	93	15.8	65-135	
Ethylbenzene	0.25	0.21	0.23	84	93	10.4	65-135	
Total Xylenes	0.75	0.57	0.67	76	89	15.6	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	114	116	65-135
1,2-Dichloroethane-d4	98	104	65-135
Toluene-d8	94	96	65-135
4-Bromofluorobenzene	95	99	65-135

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed 11/5/2020

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.27	107	80-120	
cis-1,2-Dichloroethene	0.25	0.26	104	80-120	
Trichloroethene (TCE)	0.25	0.25	99	80-120	
Tetrachloroethene (PCE)	0.25	0.27	107	80-120	
Benzene	0.25	0.24	95	80-120	
Toluene	0.25	0.21	85	80-120	
Ethylbenzene	0.25	0.23	94	80-120	
Total Xylenes	0.75	0.65	87	80-120	

Surrogate Recovery			
Dibromofluoromethane	112	65-135	
1,2-Dichloroethane-d4	110	65-135	
Toluene-d8	93	65-135	
4-Bromofluorobenzene	97	65-135	

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201105-10
Client Project # 160324

Analyses of Gasoline (NWTPH-Gx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)
Method Blank	11/5/2020	90%	nd
B-P32-P19-40-S	11/5/2020	89%	nd
SW-P32-P19-42-S	11/5/2020	88%	nd
SW-P32-P21.5-42-S	11/5/2020	89%	nd
SW-P32-P21.5-42-S Dup	11/5/2020	86%	nd
Practical Quantitation Limit			10

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201105-10
Client Project # 160324

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	11/5/2020	70	nd	nd
B-P32-P19-40-S	11/5/2020	84	nd	nd
SW-P32-P19-42-S	11/5/2020	72	nd	nd
SW-P32-P19-42-S Dup	11/5/2020	76	nd	nd
SW-P32-P21.5-42-S	11/5/2020	70	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: Sherry Chilcutt

Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

November 6, 2020

Andrew Yonkofski
Aspect Consulting, LLC
710 2nd Ave, Ste 550
Seattle, WA 98104

Dear Mr. Yonkofski:

Please find enclosed the analytical data report for the Maddox North, Maddox South Project located in Seattle, 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

Chain of Custody Record & Laboratory Services Agreement

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3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/2/2020 Page: 1 of:

Project Name: Maddux North, Maddux South

Project No: 160324

Collected by: DWJ, RAL

Location: Maddux North, Maddux South

Report To (PM): A Yonkofski

PM Email: ayonkofski@aspectconsulting.com

Client: Aspect Consulting

Address: 710 2nd Ave, Ste 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 413-5411

Fax:

Laboratory Project No (internal):

Special Remarks: -1.7° cooler

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	EDC/S 8260				Comments
1	B-P32-P20.5-40-S	11/2/20	1320	S		X				X							X				
2	B-P30-P21.5-38-S		1340																		
3	B-P47-P32-50-S		1515																		
4	B-P14-P12-50-S		1525																		
5	B-P32-P19-46-S		1600																		
6	B-P52-P20.5-46-S		1605																		
7	B-P32-P19-60-N		1615																		
8	B-P30-P19-60-N		1625																		
9	B-P28-P19-60-N		1657																		
10	B-P26-P19-60-N		1710																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	11/3/20	x [signature] UA	11-30-20 0720
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/3/2020 Page: 1 of:

Project Name: Maddux North

Project No: 160324

Collected by: DWV, CEB

Location: Maddux North

Report To (PM): A. Yonkofski

PM Email: ayonkofski@aspectconsulting.com

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: Aspect

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 443-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	CHOCs				Comments
1	B-P31-P45-50-N	11/3/20	0840	S																		
2	B-P31-P45-48-N		0850																			
3	B-P27-P47-54-N		1115																			
4	B-P27-P47-51-N		1120																			1 to ld
5	B-P27-P47-48-N		1150																			1 to ld
6	B-P24-P~~47~~-54-N		1205																			
7	B-P24-P47-51-N		~~1310~~																			Sample time 1320
8	B-P24-P47-48-N		~~1320~~																			Sample time 1330 1 to ld
9	B-P33-P47-54-N		1410																			
10	B-P33-P47-51-N		1405																			1 to ld

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	11/3/2020 1550	x	11-3-20 1550
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/3/2020 Page: 2 of: 2

Project Name: Maddox North

Project No: 160324

Collected by: DWW, CEB

Location: Maddox North

Report To (PM): A. Yonkofski

PM Email: ayonkofski@aspectconsulting.com

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 413-5411

Fax:

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	CVOCs by 8260				Comments
1	B-P33-P47-48-N	11/3/20	1435	S																	Hold
2	B-P32-P51-60-N		1325																		
3	B-P31-P47-54-N		1445																		
4	B-P31-P47-54-N		1450																		Hold
5	B-P31-P47-48-N		1500																		Hold
6	B-P32-P44-57-N		1510																		
7	B-P32-P44-54-N		1520																		~~Hold~~ Analyze 11-4 AA
8	B-P32-P44-51-N		1530																		~~Hold~~ Analyze 11-4 AA
9	B-P32-P44-48-N		1535																		~~Hold~~ Analyze 11-4 AA
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	11/3/20 1550	x [signature]	11-3 1550
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	B-P30-P20.5-40-S	B-P30-P21.5-38-S	B-P47-P32-50-S	B-P14-P12-50-S	B-P14-P12-50-S Dup
Date Sampled	Reporting	N/A	11/2/2020	11/2/2020	11/2/2020	11/2/2020	11/2/2020
Date Analyzed	Limits	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd	0.036	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd	nd	nd
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
Surrogate Recovery							
Dibromofluoromethane		99	104	105	106	102	105
1,2-Dichloroethane-d4		79	88	96	90	86	89
Toluene-d8		96	93	95	90	95	90
4-Bromofluorobenzene		95	90	91	89	93	88

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P19-46-S	B-P32-P20.5-46-S
Date Sampled	Reporting	11/2/2020	11/2/2020
Date Analyzed	Limits	11/3/2020	11/3/2020
	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd
Trichloroethene (TCE)	0.02	nd	nd
Tetrachloroethene (PCE)	0.03	0.24	0.067
Benzene	0.02	nd	nd
Toluene	0.10	nd	nd
Ethylbenzene	0.05	nd	nd
Total Xylenes	0.15	nd	nd
Surrogate Recovery			
Dibromofluoromethane		112	107
1,2-Dichloroethane-d4		103	97
Toluene-d8		90	90
4-Bromofluorobenzene		91	92

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P49-60-N	B-P30-P49-60-N	B-P28-P49-60-N	B-P26-P49-60-N
Date Sampled	Reporting	11/2/2020	11/2/2020	11/2/2020	11/2/2020
Date Analyzed	Limits	11/3/2020	11/3/2020	11/3/2020	11/3/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	0.071	nd	nd	nd
Surrogate Recovery					
Dibromofluoromethane		102	105	106	100
1,2-Dichloroethane-d4		88	94	91	81
Toluene-d8		92	93	94	94
4-Bromofluorobenzene		92	90	93	93

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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Olympia, WA 98506
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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P31-P45-50-N	B-P31-P45-48-N	B-P27-P47-54-N	B-P29-P47-54-N	B-P29-P47-51-N	B-P33-P47-54-N
Date Sampled	Reporting	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020
Date Analyzed	Limits	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	0.12	nd	0.78
Trichloroethene (TCE)	0.02	nd	nd	nd	0.35	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	8.9	nd	nd
Surrogate Recovery							
Dibromofluoromethane		106	107	109	107	114	113
1,2-Dichloroethane-d4		91	96	103	96	103	105
Toluene-d8		89	91	89	90	89	89
4-Bromofluorobenzene		89	88	89	87	83	88

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P51-60-N	B-P31-P47-54-N	B-P31-P47-51-N	B-P31-P47-51-N Dup	B-P31-P47-48-N	B32-P49-57-N
Date Sampled	Reporting	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020
Date Analyzed	Limits	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	0.17	0.057	0.046	nd	nd
Trichloroethene (TCE)	0.02	nd	0.055	0.035	0.042	nd	nd
Tetrachloroethene (PCE)	0.03	0.066	1.1	0.66	0.83	nd	0.030
Surrogate Recovery							
Dibromofluoromethane		114	111	115	119	120	112
1,2-Dichloroethane-d4		99	101	104	106	107	103
Toluene-d8		89	90	91	89	88	88
4-Bromofluorobenzene		84	83	85	85	87	88

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank
Date Sampled Date Analyzed	Reporting Limits (mg/kg)	N/A 11/3/2020 (mg/kg)
Vinyl chloride	0.02	nd
cis -1,2-Dichloroethene	0.03	nd
Trichloroethene (TCE)	0.02	nd
Tetrachloroethene (PCE)	0.03	nd
Benzene	0.02	nd
Toluene	0.10	nd
Ethylbenzene	0.05	nd
Total Xylenes	0.15	nd
Surrogate Recovery		
Dibromofluoromethane		113
1,2-Dichloroethane-d4		106
Toluene-d8		92
4-Bromofluorobenzene		90

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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Phone: (360) 352-2110
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Email: libbyenv@gmail.com

MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-P14-P12-50-S

Date Analyzed 11/3/2020

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl chloride	0.25	0.22	0.24	89	94	5.7	65-135	
cis-1,2-Dichloroethene	0.25	0.32	0.35	129	140	8.3	65-135	S
Trichloroethene (TCE)	0.25	0.29	0.29	114	115	1.0	65-135	
Tetrachloroethene (PCE)	0.25	0.34	0.33	134	130	3.3	65-135	
Benzene	0.25	0.28	0.29	110	117	5.6	65-135	
Toluene	0.25	0.23	0.24	93	98	4.6	65-135	
Ethylbenzene	0.25	0.24	0.26	97	104	7.2	65-135	
Total Xylenes	0.75	0.66	0.73	88	97	10.1	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	111	112	65-135
1,2-Dichloroethane-d4	106	101	65-135
Toluene-d8	89	93	65-135
4-Bromofluorobenzene	92	97	65-135

ACCEPTABLE RPD IS 35%
"S" Spike compound recovery is outside acceptance limits.

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed 11/3/2020

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.23	90	80-120	
cis-1,2-Dichloroethene	0.25	0.27	106	80-120	
Trichloroethene (TCE)	0.25	0.24	97	80-120	
Tetrachloroethene (PCE)	0.25	0.28	112	80-120	
Benzene	0.25	0.25	100	80-120	
Toluene	0.25	0.24	95	80-120	
Ethylbenzene	0.25	0.25	100	80-120	
Total Xylenes	0.75	0.71	95	80-120	

Surrogate Recovery			
Dibromofluoromethane	102	65-135	
1,2-Dichloroethane-d4	88	65-135	
Toluene-d8	98	65-135	
4-Bromofluorobenzene	98	65-135	

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-P31-P47-51-N

Date Analyzed 11/3/2020

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl chloride	0.25	0.33	0.31	132	122	7.2	65-135	
cis-1,2-Dichloroethene	0.25	0.34	0.28	134	110	19.7	65-135	
Trichloroethene (TCE)	0.25	0.20	0.19	78	74	5.8	65-135	
Tetrachloroethene (PCE)	0.25	0.17	0.19	68	76	11.1	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	112	115	65-135
1,2-Dichloroethane-d4	97	112	65-135
Toluene-d8	91	91	65-135
4-Bromofluorobenzene	94	96	65-135

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed 11/3/2020

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.29	117	80-120	
cis-1,2-Dichloroethene	0.25	0.27	110	80-120	
Trichloroethene (TCE)	0.25	0.26	105	80-120	
Tetrachloroethene (PCE)	0.25	0.30	118	80-120	

Surrogate Recovery		
Dibromofluoromethane	112	65-135
1,2-Dichloroethane-d4	105	65-135
Toluene-d8	94	65-135
4-Bromofluorobenzene	97	65-135

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
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Email: libbyenv@gmail.com

MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Analyses of Gasoline (NWTPH-Gx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)
Method Blank	11/3/2020	96%	nd
B-P30-P20.5-40-S	11/3/2020	93%	nd
B-P30-P21.5-38-S	11/3/2020	95%	nd
B-P47-P32-50-S	11/3/2020	90%	nd
B-P14-P12-50-S	11/3/2020	95%	nd
B-P14-P12-50-S Dup	11/3/2020	90%	nd
B-P32-P19-46-S	11/3/2020	90%	nd
B-P32-P20.5-46-S	11/3/2020	90%	nd
Practical Quantitation Limit			10

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	11/3/2020	72	nd	nd
B-P30-P20.5-40-S	11/3/2020	75	nd	nd
B-P30-P21.5-38-S	11/3/2020	85	nd	nd
B-P47-P32-50-S	11/3/2020	76	nd	nd
B-P47-P32-50-S Dup	11/3/2020	86	nd	nd
B-P14-P12-50-S	11/3/2020	95	nd	nd
B-P32-P19-46-S	11/3/2020	76	nd	nd
B-P32-P20.5-46-S	11/3/2020	87	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: Sherry Chilcutt

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Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2007433

August 11, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 3 sample(s) on 7/30/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)
Polychlorinated Biphenyls (PCB) by EPA 8082
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Kristin Beck

Date: *08/11/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2007433

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2007433-001	B-UST-1	07/30/2020 10:10 AM	07/30/2020 4:27 PM
2007433-002	ESW-UST-1	07/30/2020 10:05 AM	07/30/2020 4:27 PM
2007433-003	NSW-UST-1	07/30/2020 10:07 AM	07/30/2020 4:27 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2007433**
Date: **8/11/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

8/11/2020: Revision 1 includes additional analytes requested by client.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2007433**
Date Reported: **8/11/2020**

Client: Aspect Consulting
Collection Date: 7/30/2020 10:10:00 AM
Project: Maddux North
Lab ID: 2007433-001
Matrix: Soil
Client Sample ID: B-UST-1

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 29239		Analyst: SB
Aroclor 1016	ND	0.105		mg/Kg-dry	1	8/4/2020 4:19:17 PM
Aroclor 1221	ND	0.105		mg/Kg-dry	1	8/4/2020 4:19:17 PM
Aroclor 1232	ND	0.105		mg/Kg-dry	1	8/4/2020 4:19:17 PM
Aroclor 1242	ND	0.105		mg/Kg-dry	1	8/4/2020 4:19:17 PM
Aroclor 1248	ND	0.105		mg/Kg-dry	1	8/4/2020 4:19:17 PM
Aroclor 1254	ND	0.105		mg/Kg-dry	1	8/4/2020 4:19:17 PM
Aroclor 1260	ND	0.105		mg/Kg-dry	1	8/4/2020 4:19:17 PM
Aroclor 1262	ND	0.105		mg/Kg-dry	1	8/4/2020 4:19:17 PM
Aroclor 1268	ND	0.105		mg/Kg-dry	1	8/4/2020 4:19:17 PM
Total PCBs	ND	0.105		mg/Kg-dry	1	8/4/2020 4:19:17 PM
Surr: Decachlorobiphenyl	107	6.8 - 211		%Rec	1	8/4/2020 4:19:17 PM
Surr: Tetrachloro-m-xylene	88.0	7.85 - 182		%Rec	1	8/4/2020 4:19:17 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29211		Analyst: DW
Diesel (Fuel Oil)	ND	20.5		mg/Kg-dry	1	7/31/2020 10:44:02 PM
Heavy Oil	ND	51.2		mg/Kg-dry	1	7/31/2020 10:44:02 PM
Surr: 2-Fluorobiphenyl	92.3	50 - 150		%Rec	1	7/31/2020 10:44:02 PM
Surr: o-Terphenyl	87.7	50 - 150		%Rec	1	7/31/2020 10:44:02 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 29232		Analyst: SB
Benz(a)anthracene	ND	42.2		µg/Kg-dry	1	8/3/2020 8:16:41 PM
Chrysene	ND	42.2		µg/Kg-dry	1	8/3/2020 8:16:41 PM
Benzo(b)fluoranthene	ND	42.2		µg/Kg-dry	1	8/3/2020 8:16:41 PM
Benzo(k)fluoranthene	ND	42.2		µg/Kg-dry	1	8/3/2020 8:16:41 PM
Benzo(a)pyrene	ND	42.2		µg/Kg-dry	1	8/3/2020 8:16:41 PM
Indeno(1,2,3-cd)pyrene	ND	42.2		µg/Kg-dry	1	8/3/2020 8:16:41 PM
Dibenz(a,h)anthracene	ND	42.2		µg/Kg-dry	1	8/3/2020 8:16:41 PM
Surr: 2-Fluorobiphenyl	65.2	6.91 - 127		%Rec	1	8/3/2020 8:16:41 PM
Surr: Terphenyl-d14 (surr)	97.3	32.9 - 153		%Rec	1	8/3/2020 8:16:41 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29228		Analyst: KT
Vinyl chloride	ND	0.0234		mg/Kg-dry	1	8/3/2020 7:01:54 PM
1,1-Dichloroethene	ND	0.0187		mg/Kg-dry	1	8/3/2020 7:01:54 PM
trans-1,2-Dichloroethene	ND	0.0187		mg/Kg-dry	1	8/3/2020 7:01:54 PM
cis-1,2-Dichloroethene	ND	0.0187		mg/Kg-dry	1	8/3/2020 7:01:54 PM
Benzene	ND	0.0187		mg/Kg-dry	1	8/3/2020 7:01:54 PM

Revision v1

Analytical Report

Work Order: **2007433**
Date Reported: **8/11/2020**

Client: Aspect Consulting
Project: Maddux North
Lab ID: 2007433-001
Client Sample ID: **B-UST-1**

Collection Date: 7/30/2020 10:10:00 AM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29228		Analyst: KT
Trichloroethene (TCE)	ND	0.0187		mg/Kg-dry	1	8/3/2020 7:01:54 PM
Toluene	ND	0.0187		mg/Kg-dry	1	8/3/2020 7:01:54 PM
Tetrachloroethene (PCE)	0.606	0.0234		mg/Kg-dry	1	8/3/2020 7:01:54 PM
Ethylbenzene	ND	0.0234		mg/Kg-dry	1	8/3/2020 7:01:54 PM
m,p-Xylene	ND	0.0468		mg/Kg-dry	1	8/3/2020 7:01:54 PM
o-Xylene	ND	0.0234		mg/Kg-dry	1	8/3/2020 7:01:54 PM
Naphthalene	ND	0.0468		mg/Kg-dry	1	8/3/2020 7:01:54 PM
Surr: Dibromofluoromethane	94.3	83.3 - 111		%Rec	1	8/3/2020 7:01:54 PM
Surr: Toluene-d8	98.4	87.9 - 111		%Rec	1	8/3/2020 7:01:54 PM
Surr: 1-Bromo-4-fluorobenzene	98.8	85.1 - 111		%Rec	1	8/3/2020 7:01:54 PM
Sample Moisture (Percent Moisture)				Batch ID: R60917		Analyst: EH
Percent Moisture	9.27	0.500		wt%	1	8/3/2020 8:28:30 AM

Client: Aspect Consulting
Collection Date: 7/30/2020 10:05:00 AM
Project: Maddux North
Lab ID: 2007433-002
Matrix: Soil
Client Sample ID: ESW-UST-1

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 29239		Analyst: SB
Aroclor 1016	ND	0.103		mg/Kg-dry	1	8/4/2020 4:28:58 PM
Aroclor 1221	ND	0.103		mg/Kg-dry	1	8/4/2020 4:28:58 PM
Aroclor 1232	ND	0.103		mg/Kg-dry	1	8/4/2020 4:28:58 PM
Aroclor 1242	ND	0.103		mg/Kg-dry	1	8/4/2020 4:28:58 PM
Aroclor 1248	ND	0.103		mg/Kg-dry	1	8/4/2020 4:28:58 PM
Aroclor 1254	ND	0.103		mg/Kg-dry	1	8/4/2020 4:28:58 PM
Aroclor 1260	ND	0.103		mg/Kg-dry	1	8/4/2020 4:28:58 PM
Aroclor 1262	ND	0.103		mg/Kg-dry	1	8/4/2020 4:28:58 PM
Aroclor 1268	ND	0.103		mg/Kg-dry	1	8/4/2020 4:28:58 PM
Total PCBs	ND	0.103		mg/Kg-dry	1	8/4/2020 4:28:58 PM
Surr: Decachlorobiphenyl	102	6.8 - 211		%Rec	1	8/4/2020 4:28:58 PM
Surr: Tetrachloro-m-xylene	79.9	7.85 - 182		%Rec	1	8/4/2020 4:28:58 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29211		Analyst: DW
Diesel (Fuel Oil)	ND	19.9		mg/Kg-dry	1	7/31/2020 11:13:45 PM
Heavy Oil	ND	49.9		mg/Kg-dry	1	7/31/2020 11:13:45 PM
Surr: 2-Fluorobiphenyl	99.9	50 - 150		%Rec	1	7/31/2020 11:13:45 PM
Surr: o-Terphenyl	98.2	50 - 150		%Rec	1	7/31/2020 11:13:45 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 29232		Analyst: SB
Benz(a)anthracene	ND	40.5		µg/Kg-dry	1	8/3/2020 8:38:03 PM
Chrysene	ND	40.5		µg/Kg-dry	1	8/3/2020 8:38:03 PM
Benzo(b)fluoranthene	ND	40.5		µg/Kg-dry	1	8/3/2020 8:38:03 PM
Benzo(k)fluoranthene	ND	40.5		µg/Kg-dry	1	8/3/2020 8:38:03 PM
Benzo(a)pyrene	ND	40.5		µg/Kg-dry	1	8/3/2020 8:38:03 PM
Indeno(1,2,3-cd)pyrene	ND	40.5		µg/Kg-dry	1	8/3/2020 8:38:03 PM
Dibenz(a,h)anthracene	ND	40.5		µg/Kg-dry	1	8/3/2020 8:38:03 PM
Surr: 2-Fluorobiphenyl	51.8	6.91 - 127		%Rec	1	8/3/2020 8:38:03 PM
Surr: Terphenyl-d14 (surr)	88.8	32.9 - 153		%Rec	1	8/3/2020 8:38:03 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29228		Analyst: KT
Vinyl chloride	ND	0.0253		mg/Kg-dry	1	8/3/2020 7:32:02 PM
1,1-Dichloroethene	ND	0.0202		mg/Kg-dry	1	8/3/2020 7:32:02 PM
trans-1,2-Dichloroethene	ND	0.0202		mg/Kg-dry	1	8/3/2020 7:32:02 PM
cis-1,2-Dichloroethene	ND	0.0202		mg/Kg-dry	1	8/3/2020 7:32:02 PM
Benzene	ND	0.0202		mg/Kg-dry	1	8/3/2020 7:32:02 PM

Analytical Report

Work Order: **2007433**
Date Reported: **8/11/2020**

Client: Aspect Consulting
Collection Date: 7/30/2020 10:05:00 AM
Project: Maddux North
Lab ID: 2007433-002
Matrix: Soil
Client Sample ID: ESW-UST-1

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29228		Analyst: KT
Trichloroethene (TCE)	ND	0.0202		mg/Kg-dry	1	8/3/2020 7:32:02 PM
Toluene	ND	0.0202		mg/Kg-dry	1	8/3/2020 7:32:02 PM
Tetrachloroethene (PCE)	0.189	0.0253		mg/Kg-dry	1	8/3/2020 7:32:02 PM
Ethylbenzene	ND	0.0253		mg/Kg-dry	1	8/3/2020 7:32:02 PM
m,p-Xylene	ND	0.0506		mg/Kg-dry	1	8/3/2020 7:32:02 PM
o-Xylene	ND	0.0253		mg/Kg-dry	1	8/3/2020 7:32:02 PM
Naphthalene	ND	0.0506		mg/Kg-dry	1	8/3/2020 7:32:02 PM
Surr: Dibromofluoromethane	94.6	83.3 - 111		%Rec	1	8/3/2020 7:32:02 PM
Surr: Toluene-d8	98.4	87.9 - 111		%Rec	1	8/3/2020 7:32:02 PM
Surr: 1-Bromo-4-fluorobenzene	99.7	85.1 - 111		%Rec	1	8/3/2020 7:32:02 PM
Sample Moisture (Percent Moisture)				Batch ID: R60917		Analyst: EH
Percent Moisture	12.8	0.500		wt%	1	8/3/2020 8:28:30 AM

Client: Aspect Consulting
Collection Date: 7/30/2020 10:07:00 AM
Project: Maddux North
Lab ID: 2007433-003
Matrix: Soil
Client Sample ID: NSW-UST-1

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 29239		Analyst: SB
Aroclor 1016	ND	0.106		mg/Kg-dry	1	8/4/2020 4:38:39 PM
Aroclor 1221	ND	0.106		mg/Kg-dry	1	8/4/2020 4:38:39 PM
Aroclor 1232	ND	0.106		mg/Kg-dry	1	8/4/2020 4:38:39 PM
Aroclor 1242	ND	0.106		mg/Kg-dry	1	8/4/2020 4:38:39 PM
Aroclor 1248	ND	0.106		mg/Kg-dry	1	8/4/2020 4:38:39 PM
Aroclor 1254	ND	0.106		mg/Kg-dry	1	8/4/2020 4:38:39 PM
Aroclor 1260	ND	0.106		mg/Kg-dry	1	8/4/2020 4:38:39 PM
Aroclor 1262	ND	0.106		mg/Kg-dry	1	8/4/2020 4:38:39 PM
Aroclor 1268	ND	0.106		mg/Kg-dry	1	8/4/2020 4:38:39 PM
Total PCBs	ND	0.106		mg/Kg-dry	1	8/4/2020 4:38:39 PM
Surr: Decachlorobiphenyl	113	6.8 - 211		%Rec	1	8/4/2020 4:38:39 PM
Surr: Tetrachloro-m-xylene	88.1	7.85 - 182		%Rec	1	8/4/2020 4:38:39 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29211		Analyst: DW
Diesel (Fuel Oil)	ND	21.8		mg/Kg-dry	1	7/31/2020 11:43:27 PM
Heavy Oil	ND	54.5		mg/Kg-dry	1	7/31/2020 11:43:27 PM
Surr: 2-Fluorobiphenyl	99.7	50 - 150		%Rec	1	7/31/2020 11:43:27 PM
Surr: o-Terphenyl	95.7	50 - 150		%Rec	1	7/31/2020 11:43:27 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 29232		Analyst: SB
Benz(a)anthracene	ND	44.7		µg/Kg-dry	1	8/3/2020 8:59:27 PM
Chrysene	ND	44.7		µg/Kg-dry	1	8/3/2020 8:59:27 PM
Benzo(b)fluoranthene	ND	44.7		µg/Kg-dry	1	8/3/2020 8:59:27 PM
Benzo(k)fluoranthene	ND	44.7		µg/Kg-dry	1	8/3/2020 8:59:27 PM
Benzo(a)pyrene	ND	44.7		µg/Kg-dry	1	8/3/2020 8:59:27 PM
Indeno(1,2,3-cd)pyrene	ND	44.7		µg/Kg-dry	1	8/3/2020 8:59:27 PM
Dibenz(a,h)anthracene	ND	44.7		µg/Kg-dry	1	8/3/2020 8:59:27 PM
Surr: 2-Fluorobiphenyl	61.1	6.91 - 127		%Rec	1	8/3/2020 8:59:27 PM
Surr: Terphenyl-d14 (surr)	92.5	32.9 - 153		%Rec	1	8/3/2020 8:59:27 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29228		Analyst: KT
Vinyl chloride	ND	0.0267		mg/Kg-dry	1	8/3/2020 8:02:12 PM
1,1-Dichloroethene	ND	0.0213		mg/Kg-dry	1	8/3/2020 8:02:12 PM
trans-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	8/3/2020 8:02:12 PM
cis-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	8/3/2020 8:02:12 PM
Benzene	ND	0.0213		mg/Kg-dry	1	8/3/2020 8:02:12 PM

Analytical Report

Work Order: **2007433**
Date Reported: **8/11/2020**

Client: Aspect Consulting
Collection Date: 7/30/2020 10:07:00 AM
Project: Maddux North
Lab ID: 2007433-003
Matrix: Soil
Client Sample ID: NSW-UST-1

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29228		Analyst: KT
Trichloroethene (TCE)	ND	0.0213		mg/Kg-dry	1	8/3/2020 8:02:12 PM
Toluene	ND	0.0213		mg/Kg-dry	1	8/3/2020 8:02:12 PM
Tetrachloroethene (PCE)	2.24	0.0267	E	mg/Kg-dry	1	8/3/2020 8:02:12 PM
Ethylbenzene	ND	0.0267		mg/Kg-dry	1	8/3/2020 8:02:12 PM
m,p-Xylene	ND	0.0533		mg/Kg-dry	1	8/3/2020 8:02:12 PM
o-Xylene	ND	0.0267		mg/Kg-dry	1	8/3/2020 8:02:12 PM
Naphthalene	ND	0.0533		mg/Kg-dry	1	8/3/2020 8:02:12 PM
Surr: Dibromofluoromethane	93.1	83.3 - 111		%Rec	1	8/3/2020 8:02:12 PM
Surr: Toluene-d8	98.0	87.9 - 111		%Rec	1	8/3/2020 8:02:12 PM
Surr: 1-Bromo-4-fluorobenzene	101	85.1 - 111		%Rec	1	8/3/2020 8:02:12 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample Moisture (Percent Moisture)				Batch ID: R60917		Analyst: EH
Percent Moisture	11.6	0.500		wt%	1	8/3/2020 8:28:30 AM

Work Order: 2007433
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-29211** SampType: **MBLK** Units: **mg/Kg** Prep Date: **7/31/2020** RunNo: **60919**
Client ID: **MBLKS** Batch ID: **29211** Analysis Date: **7/31/2020** SeqNo: **1221278**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	19.1		20.00		95.6	50	150				
Surr: o-Terphenyl	18.0		20.00		90.1	50	150				

Sample ID: **LCS-29211** SampType: **LCS** Units: **mg/Kg** Prep Date: **7/31/2020** RunNo: **60919**
Client ID: **LCSS** Batch ID: **29211** Analysis Date: **7/31/2020** SeqNo: **1221279**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	486	20.0	500.0	0	97.2	65	135				
Surr: 2-Fluorobiphenyl	20.7		20.00		104	50	150				
Surr: o-Terphenyl	21.2		20.00		106	50	150				

Sample ID: **2007429-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **7/31/2020** RunNo: **60919**
Client ID: **BATCH** Batch ID: **29211** Analysis Date: **7/31/2020** SeqNo: **1221283**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	19.6						0		30	
Heavy Oil	ND	49.1						0		30	
Surr: 2-Fluorobiphenyl	23.0		19.64		117	50	150		0		
Surr: o-Terphenyl	22.2		19.64		113	50	150		0		

Sample ID: **2007429-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **7/31/2020** RunNo: **60919**
Client ID: **BATCH** Batch ID: **29211** Analysis Date: **7/31/2020** SeqNo: **1221284**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	564	21.4	535.9	0	105	65	135				
Surr: 2-Fluorobiphenyl	25.7		21.43		120	50	150				
Surr: o-Terphenyl	26.1		21.43		122	50	150				

Work Order: 2007433
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2007429-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **7/31/2020** RunNo: **60919**
Client ID: **BATCH** Batch ID: **29211** Analysis Date: **7/31/2020** SeqNo: **1221284**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2007429-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **7/31/2020** RunNo: **60919**
Client ID: **BATCH** Batch ID: **29211** Analysis Date: **7/31/2020** SeqNo: **1221285**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	458	19.2	479.6	0	95.5	65	135	563.5	20.7	30	
Surr: 2-Fluorobiphenyl	19.2		19.18		100	50	150		0		
Surr: o-Terphenyl	20.1		19.18		105	50	150		0		

Sample ID: **2007445-003ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **7/31/2020** RunNo: **60919**
Client ID: **BATCH** Batch ID: **29211** Analysis Date: **8/1/2020** SeqNo: **1221296**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	120	21.5						152.8	24.0	30	
Heavy Oil	ND	53.7						0		30	
Surr: 2-Fluorobiphenyl	19.6		21.48		91.3	50	150		0		
Surr: o-Terphenyl	18.7		21.48		87.0	50	150		0		

Work Order: 2007433
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **MB-29232** SampType: **MBLK** Units: **µg/Kg** Prep Date: **8/3/2020** RunNo: **60953**
Client ID: **MBLKS** Batch ID: **29232** Analysis Date: **8/3/2020** SeqNo: **1222218**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	ND	40.0									
Chrysene	ND	40.0									
Benzo(b)fluoranthene	ND	40.0									
Benzo(k)fluoranthene	ND	40.0									
Benzo(a)pyrene	ND	40.0									
Indeno(1,2,3-cd)pyrene	ND	40.0									
Dibenz(a,h)anthracene	ND	40.0									
Surr: 2-Fluorobiphenyl	375		500.0		75.1	6.91	127				
Surr: Terphenyl-d14 (surr)	530		500.0		106	32.9	153				

Sample ID: **LCS-29232** SampType: **LCS** Units: **µg/Kg** Prep Date: **8/3/2020** RunNo: **60953**
Client ID: **LCSS** Batch ID: **29232** Analysis Date: **8/3/2020** SeqNo: **1222219**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	1,060	40.0	1,000	0	106	49.8	143				
Chrysene	925	40.0	1,000	0	92.5	47.1	144				
Benzo(b)fluoranthene	895	40.0	1,000	0	89.5	44.6	150				
Benzo(k)fluoranthene	1,050	40.0	1,000	0	105	47.5	148				
Benzo(a)pyrene	1,050	40.0	1,000	0	105	45	149				
Indeno(1,2,3-cd)pyrene	883	40.0	1,000	0	88.3	41.4	146				
Dibenz(a,h)anthracene	904	40.0	1,000	0	90.4	43.4	145				
Surr: 2-Fluorobiphenyl	415		500.0		83.0	6.91	127				
Surr: Terphenyl-d14 (surr)	510		500.0		102	32.9	153				

Sample ID: **2007429-001ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **8/3/2020** RunNo: **60953**
Client ID: **BATCH** Batch ID: **29232** Analysis Date: **8/3/2020** SeqNo: **1222221**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	67.9	41.9						28.94	80.5	30	
Chrysene	55.4	41.9						25.45	74.1	30	

Work Order: 2007433
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2007429-001ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **8/3/2020** RunNo: **60953**
Client ID: **BATCH** Batch ID: **29232** Analysis Date: **8/3/2020** SeqNo: **1222221**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(b)fluoranthene	58.1	41.9						26.30	75.3	30	
Benzo(k)fluoranthene	ND	41.9						0		30	
Benzo(a)pyrene	65.1	41.9						25.77	86.6	30	
Indeno(1,2,3-cd)pyrene	ND	41.9						0		30	
Dibenz(a,h)anthracene	ND	41.9						0		30	
Surr: 2-Fluorobiphenyl	409		524.4		77.9	6.91	127		0		
Surr: Terphenyl-d14 (surr)	555		524.4		106	32.9	153		0		

Sample ID: **2007429-001AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **8/3/2020** RunNo: **60953**
Client ID: **BATCH** Batch ID: **29232** Analysis Date: **8/3/2020** SeqNo: **1222222**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	987	38.0	951.1	28.94	101	35.9	142				
Chrysene	834	38.0	951.1	25.45	85.0	36.7	131				
Benzo(b)fluoranthene	944	38.0	951.1	26.30	96.4	35	141				
Benzo(k)fluoranthene	793	38.0	951.1	18.42	81.5	35.9	136				
Benzo(a)pyrene	993	38.0	951.1	25.77	102	31.2	142				
Indeno(1,2,3-cd)pyrene	791	38.0	951.1	12.33	81.9	29.1	133				
Dibenz(a,h)anthracene	798	38.0	951.1	0	83.9	31.3	132				
Surr: 2-Fluorobiphenyl	353		475.6		74.3	6.91	127				
Surr: Terphenyl-d14 (surr)	443		475.6		93.1	32.9	153				

Sample ID: **2007429-001AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **8/3/2020** RunNo: **60953**
Client ID: **BATCH** Batch ID: **29232** Analysis Date: **8/3/2020** SeqNo: **1222223**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	1,210	44.6	1,115	28.94	106	35.9	142	987.0	20.0	30	
Chrysene	1,030	44.6	1,115	25.45	89.7	36.7	131	833.9	20.7	30	
Benzo(b)fluoranthene	1,010	44.6	1,115	26.30	88.6	35	141	943.5	7.25	30	
Benzo(k)fluoranthene	1,130	44.6	1,115	18.42	99.4	35.9	136	793.5	34.8	30	R

Work Order: 2007433
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2007429-001AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **8/3/2020** RunNo: **60953**
Client ID: **BATCH** Batch ID: **29232** Analysis Date: **8/3/2020** SeqNo: **1222223**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(a)pyrene	1,200	44.6	1,115	25.77	105	31.2	142	993.2	19.0	30	
Indeno(1,2,3-cd)pyrene	977	44.6	1,115	12.33	86.5	29.1	133	791.3	21.0	30	
Dibenz(a,h)anthracene	976	44.6	1,115	0	87.5	31.3	132	797.8	20.1	30	
Surr: 2-Fluorobiphenyl	408		557.7		73.2	6.91	127		0		
Surr: Terphenyl-d14 (surr)	540		557.7		96.8	32.9	153		0		

NOTES:
R - High RPD observed, spike recovery is within range.

Work Order: 2007433
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: **MB-29239** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/4/2020** RunNo: **60981**
Client ID: **MBLKS** Batch ID: **29239** Analysis Date: **8/4/2020** SeqNo: **1222888**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.100									
Aroclor 1221	ND	0.100									
Aroclor 1232	ND	0.100									
Aroclor 1242	ND	0.100									
Aroclor 1248	ND	0.100									
Aroclor 1254	ND	0.100									
Aroclor 1260	ND	0.100									
Aroclor 1262	ND	0.100									
Aroclor 1268	ND	0.100									
Total PCBs	ND	0.100									
Surr: Decachlorobiphenyl	54.1		50.00		108	6.8	211				
Surr: Tetrachloro-m-xylene	44.9		50.00		89.8	7.85	182				

Sample ID: **LCS1-29239** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/4/2020** RunNo: **60981**
Client ID: **LCSS** Batch ID: **29239** Analysis Date: **8/4/2020** SeqNo: **1222889**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.771	0.100	1.000	0	77.1	30.2	169				
Aroclor 1260	0.835	0.100	1.000	0	83.5	28.2	181				
Surr: Decachlorobiphenyl	54.1		50.00		108	6.8	211				
Surr: Tetrachloro-m-xylene	44.1		50.00		88.1	7.85	182				

Sample ID: **LCS2-29239** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/4/2020** RunNo: **60981**
Client ID: **LCSS** Batch ID: **29239** Analysis Date: **8/4/2020** SeqNo: **1222890**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.822	0.100	1.000	0	82.2	37.1	136				
Surr: Decachlorobiphenyl	55.7		50.00		111	6.8	211				
Surr: Tetrachloro-m-xylene	43.8		50.00		87.6	7.85	182				

Work Order: 2007433
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: **2007429-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60981**
Client ID: **BATCH** Batch ID: **29239** Analysis Date: **8/4/2020** SeqNo: **1222892**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.109						0		30	
Aroclor 1221	ND	0.109						0		30	
Aroclor 1232	ND	0.109						0		30	
Aroclor 1242	ND	0.109						0		30	
Aroclor 1248	ND	0.109						0		30	
Aroclor 1254	ND	0.109						0		30	
Aroclor 1260	ND	0.109						0		30	
Aroclor 1262	ND	0.109						0		30	
Aroclor 1268	ND	0.109						0		30	
Total PCBs	ND	0.109						0		30	
Surr: Decachlorobiphenyl	56.0		54.63		102	6.8	211		0		
Surr: Tetrachloro-m-xylene	46.4		54.63		84.9	7.85	182		0		

Sample ID: **2007429-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60981**
Client ID: **BATCH** Batch ID: **29239** Analysis Date: **8/4/2020** SeqNo: **1222893**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.799	0.107	1.073	0	74.5	48.5	157				
Aroclor 1260	0.886	0.107	1.073	0	82.6	48.4	164				
Surr: Decachlorobiphenyl	51.9		53.64		96.8	6.8	211				
Surr: Tetrachloro-m-xylene	43.3		53.64		80.8	7.85	182				

Sample ID: **2007429-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60981**
Client ID: **BATCH** Batch ID: **29239** Analysis Date: **8/4/2020** SeqNo: **1222894**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.757	0.0971	0.9708	0	78.0	48.5	157	0.7992	5.42	30	
Aroclor 1260	0.841	0.0971	0.9708	0	86.6	48.4	164	0.8859	5.22	30	
Surr: Decachlorobiphenyl	49.2		48.54		101	6.8	211		0		
Surr: Tetrachloro-m-xylene	41.3		48.54		85.0	7.85	182		0		

Work Order: 2007433
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: **2007429-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60981**
Client ID: **BATCH** Batch ID: **29239** Analysis Date: **8/4/2020** SeqNo: **1222894**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Work Order: 2007433
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29228** SampType: **LCS** Units: **µg/L** Prep Date: **8/3/2020** RunNo: **60951**
Client ID: **LCSS** Batch ID: **29228** Analysis Date: **8/3/2020** SeqNo: **1222194**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.835	0.0250	1.000	0	83.5	53.6	138				
1,1-Dichloroethene	0.891	0.0200	1.000	0	89.1	66	133				
trans-1,2-Dichloroethene	0.914	0.0200	1.000	0	91.4	79.6	115				
cis-1,2-Dichloroethene	0.912	0.0200	1.000	0	91.2	77.8	115				
Benzene	0.956	0.0200	1.000	0	95.6	80.5	114				
Trichloroethene (TCE)	0.969	0.0200	1.000	0	96.9	79.6	118				
Toluene	0.939	0.0200	1.000	0	93.9	79.6	116				
Tetrachloroethene (PCE)	0.944	0.0250	1.000	0	94.4	78.8	119				
Ethylbenzene	0.962	0.0250	1.000	0	96.2	81.6	116				
m,p-Xylene	1.98	0.0500	2.000	0	98.9	80.9	117				
o-Xylene	0.967	0.0250	1.000	0	96.7	80.8	114				
Naphthalene	0.848	0.0500	1.000	0	84.8	71.7	132				
Surr: Dibromofluoromethane	1.24		1.250		99.4	83.3	111				
Surr: Toluene-d8	1.24		1.250		98.8	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.27		1.250		102	85.1	111				

Sample ID: **MB-29228** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/3/2020** RunNo: **60951**
Client ID: **MBLKS** Batch ID: **29228** Analysis Date: **8/3/2020** SeqNo: **1222197**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0250									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0250									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									

Work Order: 2007433
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29228** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/3/2020** RunNo: **60951**
Client ID: **MBLKS** Batch ID: **29228** Analysis Date: **8/3/2020** SeqNo: **1222197**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	0.0250									
Naphthalene	ND	0.0500									
Surr: Dibromofluoromethane	1.20		1.250		96.3	83.3	111				
Surr: Toluene-d8	1.23		1.250		98.0	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.23		1.250		98.3	85.1	111				

Sample ID: **2007401-004BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/3/2020** RunNo: **60951**
Client ID: **BATCH** Batch ID: **29228** Analysis Date: **8/3/2020** SeqNo: **1222183**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0620						0		30	
1,1-Dichloroethene	ND	0.0496						0		30	
trans-1,2-Dichloroethene	ND	0.0496						0		30	
cis-1,2-Dichloroethene	ND	0.0496						0		30	
Benzene	ND	0.0496						0		30	
Trichloroethene (TCE)	ND	0.0496						0		30	
Toluene	ND	0.0496						0		30	
Tetrachloroethene (PCE)	ND	0.0620						0		30	
Ethylbenzene	ND	0.0620						0		30	
m,p-Xylene	ND	0.124						0		30	
o-Xylene	ND	0.0620						0		30	
Naphthalene	ND	0.124						0		30	
Surr: Dibromofluoromethane	2.99		3.099		96.5	83.3	111		0		
Surr: Toluene-d8	3.06		3.099		98.6	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	3.11		3.099		100	85.1	111		0		

Work Order: 2007433
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2007433-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/3/2020** RunNo: **60951**
Client ID: **NSW-UST-1** Batch ID: **29228** Analysis Date: **8/3/2020** SeqNo: **1222191**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0267						0		30	
1,1-Dichloroethene	ND	0.0213						0		30	
trans-1,2-Dichloroethene	ND	0.0213						0		30	
cis-1,2-Dichloroethene	ND	0.0213						0		30	
Benzene	ND	0.0213						0		30	
Trichloroethene (TCE)	ND	0.0213						0		30	
Toluene	ND	0.0213						0		30	
Tetrachloroethene (PCE)	2.23	0.0267						2.245	0.860	30	E
Ethylbenzene	ND	0.0267						0		30	
m,p-Xylene	ND	0.0533						0		30	
o-Xylene	ND	0.0267						0		30	
Naphthalene	ND	0.0533						0		30	
Surr: Dibromofluoromethane	1.27		1.334		95.2	83.3	111		0		
Surr: Toluene-d8	1.33		1.334		99.4	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.33		1.334		100	85.1	111		0		

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID: **2007401-005BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/3/2020** RunNo: **60951**
Client ID: **BATCH** Batch ID: **29228** Analysis Date: **8/3/2020** SeqNo: **1222185**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.01	0.0243	0.9739	0	104	49.5	138				
1,1-Dichloroethene	0.966	0.0195	0.9739	0	99.1	55	138				
trans-1,2-Dichloroethene	0.767	0.0195	0.9739	0	78.7	73.1	121				
cis-1,2-Dichloroethene	0.976	0.0195	0.9739	0	100	71.8	122				
Benzene	1.01	0.0195	0.9739	0	104	76.7	119				
Trichloroethene (TCE)	1.74	0.0195	0.9739	0	179	70.1	129				S
Toluene	0.991	0.0195	0.9739	0	102	74.7	119				
Tetrachloroethene (PCE)	0.954	0.0243	0.9739	0	97.9	71.1	122				
Ethylbenzene	0.998	0.0243	0.9739	0	103	77.1	120				

Work Order: 2007433
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2007401-005BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/3/2020** RunNo: **60951**
Client ID: **BATCH** Batch ID: **29228** Analysis Date: **8/3/2020** SeqNo: **1222185**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylene	2.00	0.0487	1.948	0	103	76.3	120				
o-Xylene	1.01	0.0243	0.9739	0	103	76.6	119				
Naphthalene	0.923	0.0487	0.9739	0	94.8	63.3	143				
Surr: Dibromofluoromethane	1.21		1.217		99.1	83.3	111				
Surr: Toluene-d8	1.21		1.217		99.7	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.217		102	85.1	111				

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Sample ID: **2007401-005BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/3/2020** RunNo: **60951**
Client ID: **BATCH** Batch ID: **29228** Analysis Date: **8/3/2020** SeqNo: **1222186**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.07	0.0243	0.9739	0	109	49.5	138	1.009	5.50	30	
1,1-Dichloroethene	0.989	0.0195	0.9739	0	102	55	138	0.9656	2.41	30	
trans-1,2-Dichloroethene	0.994	0.0195	0.9739	0	102	73.1	121	0.7665	25.8	30	
cis-1,2-Dichloroethene	0.991	0.0195	0.9739	0	102	71.8	122	0.9756	1.55	30	
Benzene	1.03	0.0195	0.9739	0	105	76.7	119	1.009	1.72	30	
Trichloroethene (TCE)	1.75	0.0195	0.9739	0	179	70.1	129	1.744	0.175	30	S
Toluene	1.00	0.0195	0.9739	0	103	74.7	119	0.9915	0.833	30	
Tetrachloroethene (PCE)	0.986	0.0243	0.9739	0	101	71.1	122	0.9537	3.28	30	
Ethylbenzene	1.03	0.0243	0.9739	0	106	77.1	120	0.9984	3.36	30	
m,p-Xylene	2.07	0.0487	1.948	0	106	76.3	120	2.002	3.43	30	
o-Xylene	1.05	0.0243	0.9739	0	107	76.6	119	1.007	3.85	30	
Naphthalene	0.954	0.0487	0.9739	0	98.0	63.3	143	0.9235	3.28	30	
Surr: Dibromofluoromethane	1.23		1.217		101	83.3	111		0		
Surr: Toluene-d8	1.21		1.217		99.2	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.22		1.217		100	85.1	111		0		

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2007433**
Logged by:	**Carissa True**	Date Received:	**7/30/2020 4:27:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No ☐	Not Present	☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No ☐	NA	☐
4.	Shipping container/cooler in good condition?	Yes	☑	No ☐		
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No ☐	Not Present	☑
6.	Was an attempt made to cool the samples?	Yes	☑	No ☐	NA	☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No ☐	NA	☐
8.	Sample(s) in proper container(s)?	Yes	☐	No ☑		
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No ☐		
10.	Are samples properly preserved?	Yes	☑	No ☐		
11.	Was preservative added to bottles?	Yes	☑	No ☐	NA	☐
				MeOH added to B fractions		
12.	Is there headspace in the VOA vials?	Yes	☐	No ☐	NA	☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No ☐		
14.	Does paperwork match bottle labels?	Yes	☑	No ☐		
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No ☐		
16.	Is it clear what analyses were requested?	Yes	☑	No ☐		
17.	Were all holding times able to be met?	Yes	☑	No ☐		

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☑	No ☐	NA	☐

Person Notified:	Andrew Yonkofski	Date:	7/31/2020
By Whom:	Carissa True	Via:	☑ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	Confirm Naph method		
Client Instructions:	8260		

19. Additional remarks:

Item Information

Item #	Temp ºC
Cooler 1	3.2
Sample 1	4.9

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 7/30/20 Page: 1 of: 1

Laboratory Project No (internal): 2007133

Project Name: Maddux North

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Suite 550

Collected by: Kristin Beck

City, State, Zip: Seattle, WA 98104

Location: 2864 S McClellan St

Telephone:

Report To (PM): Andrew Yonkofski

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	cPAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Naphthalene				Comments
1	B-UST-1	7/30/20	1010	Soil			X			X		X	X					X				
2	ESW-UST-1	↓	1005	↓			X			X		X	X					X				
3	NSW-UST-1	↓	1007	↓			X			X		X	X					X				
4																						
5																						
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
- ☑ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Kat Beck	7/30/20	x	7/30/20 @ 1627
Relinquished	Date/Time	Received	Date/Time
x		x	

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 7/30/20 Page: 1 of: 1

Laboratory Project No (internal): 2007433

Project Name: Maddux North

Special Remarks: Add PCE & Breakdown to VOC list per A.Y. 8/11/2020 -BB

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Suite 550

Collected by: Kristin Beck

City, State, Zip: Seattle, WA 98104

Location: 2864 S McClellan St

Telephone:

Report To (PM): Andrew Yonkofski

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	cPAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Naphthalene				Comments
1	B-UST-1	7/30/20	1010	Soil			X			X		X	X				X					
2	ESW-UST-1	↓	1005	↓			X			X		X	X				X					
3	NSW-UST-1	↓	1007	↓			X			X		X	X				X					
4																						
5																						
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Turn-around Time:
- ☑ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

Relinquished x Kristin Beck	Date/Time 7/30/20	Received x	Date/Time 7/30/20 @ 1627
Relinquished x	Date/Time	Received x	Date/Time

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2008011

August 11, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 1 sample(s) on 8/3/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)
Polychlorinated Biphenyls (PCB) by EPA 8082
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Data
Kristin Beck

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Date: *08/11/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2008011

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2008011-001	ST-UST-1	07/31/2020 12:25 PM	08/03/2020 12:11 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2008011**
Date: **8/11/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

8/11/2020: Revision 1 includes additional analytes requested by client.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Client: Aspect Consulting
Collection Date: 7/31/2020 12:25:00 PM
Project: Maddux North
Lab ID: 2008011-001
Matrix: Soil
Client Sample ID: ST-UST-1

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 29239		Analyst: SB
Aroclor 1016	ND	0.0986		mg/Kg-dry	1	8/4/2020 4:48:24 PM
Aroclor 1221	ND	0.0986		mg/Kg-dry	1	8/4/2020 4:48:24 PM
Aroclor 1232	ND	0.0986		mg/Kg-dry	1	8/4/2020 4:48:24 PM
Aroclor 1242	ND	0.0986		mg/Kg-dry	1	8/4/2020 4:48:24 PM
Aroclor 1248	ND	0.0986		mg/Kg-dry	1	8/4/2020 4:48:24 PM
Aroclor 1254	ND	0.0986		mg/Kg-dry	1	8/4/2020 4:48:24 PM
Aroclor 1260	ND	0.0986		mg/Kg-dry	1	8/4/2020 4:48:24 PM
Aroclor 1262	ND	0.0986		mg/Kg-dry	1	8/4/2020 4:48:24 PM
Aroclor 1268	ND	0.0986		mg/Kg-dry	1	8/4/2020 4:48:24 PM
Total PCBs	ND	0.0986		mg/Kg-dry	1	8/4/2020 4:48:24 PM
Surr: Decachlorobiphenyl	101	6.8 - 211		%Rec	1	8/4/2020 4:48:24 PM
Surr: Tetrachloro-m-xylene	65.4	7.85 - 182		%Rec	1	8/4/2020 4:48:24 PM
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29235		Analyst: DW
Diesel (Fuel Oil)	617	18.2		mg/Kg-dry	1	8/4/2020 3:17:37 PM
Heavy Oil	ND	45.4		mg/Kg-dry	1	8/4/2020 3:17:37 PM
Surr: 2-Fluorobiphenyl	107	50 - 150		%Rec	1	8/4/2020 3:17:37 PM
Surr: o-Terphenyl	107	50 - 150		%Rec	1	8/4/2020 3:17:37 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 29258		Analyst: SB
Naphthalene	ND	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
2-Methylnaphthalene	ND	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
1-Methylnaphthalene	ND	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
Acenaphthylene	ND	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
Acenaphthene	ND	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
Fluorene	ND	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
Phenanthrene	40.7	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
Anthracene	ND	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
Fluoranthene	67.3	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
Pyrene	75.5	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
Benz(a)anthracene	42.3	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
Chrysene	40.9	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
Benzo(b)fluoranthene	44.4	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
Benzo(k)fluoranthene	38.4	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
Benzo(a)pyrene	36.7	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
Indeno(1,2,3-cd)pyrene	ND	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
Dibenz(a,h)anthracene	ND	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM

Analytical Report

Work Order: **2008011**
Date Reported: **8/11/2020**

Client: Aspect Consulting
Collection Date: 7/31/2020 12:25:00 PM
Project: Maddux North
Lab ID: 2008011-001
Matrix: Soil
Client Sample ID: ST-UST-1

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 29258		Analyst: SB
Benzo(g,h,i)perylene	ND	35.9		µg/Kg-dry	1	8/5/2020 8:42:22 PM
Surr: 2-Fluorobiphenyl	47.6	6.91 - 127		%Rec	1	8/5/2020 8:42:22 PM
Surr: Terphenyl-d14 (surr)	59.8	32.9 - 153		%Rec	1	8/5/2020 8:42:22 PM
Gasoline by NWTPH-Gx				Batch ID: 29246		Analyst: KT
Gasoline	ND	4.13		mg/Kg-dry	1	8/5/2020 5:59:43 AM
Surr: Toluene-d8	101	65 - 135		%Rec	1	8/5/2020 5:59:43 AM
Surr: 4-Bromofluorobenzene	121	65 - 135		%Rec	1	8/5/2020 5:59:43 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29246		Analyst: KT
Vinyl chloride	ND	0.0206		mg/Kg-dry	1	8/5/2020 5:59:43 AM
1,1-Dichloroethene	ND	0.0165		mg/Kg-dry	1	8/5/2020 5:59:43 AM
trans-1,2-Dichloroethene	ND	0.0165		mg/Kg-dry	1	8/5/2020 5:59:43 AM
cis-1,2-Dichloroethene	ND	0.0165		mg/Kg-dry	1	8/5/2020 5:59:43 AM
Benzene	ND	0.0165		mg/Kg-dry	1	8/5/2020 5:59:43 AM
Trichloroethene (TCE)	ND	0.0165		mg/Kg-dry	1	8/5/2020 5:59:43 AM
Toluene	ND	0.0165		mg/Kg-dry	1	8/5/2020 5:59:43 AM
Tetrachloroethene (PCE)	0.206	0.0206		mg/Kg-dry	1	8/5/2020 5:59:43 AM
Ethylbenzene	ND	0.0206		mg/Kg-dry	1	8/5/2020 5:59:43 AM
m,p-Xylene	ND	0.0413		mg/Kg-dry	1	8/5/2020 5:59:43 AM
o-Xylene	ND	0.0206		mg/Kg-dry	1	8/5/2020 5:59:43 AM
Surr: Dibromofluoromethane	105	83.3 - 111		%Rec	1	8/5/2020 5:59:43 AM
Surr: Toluene-d8	98.7	87.9 - 111		%Rec	1	8/5/2020 5:59:43 AM
Surr: 1-Bromo-4-fluorobenzene	99.2	85.1 - 111		%Rec	1	8/5/2020 5:59:43 AM
Sample Moisture (Percent Moisture)				Batch ID: R60958		Analyst: SBM
Percent Moisture	5.80	0.500		wt%	1	8/4/2020 9:37:06 AM

Work Order: 2008011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **LCS-29235** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/4/2020** RunNo: **60975**
Client ID: **LCSS** Batch ID: **29235** Analysis Date: **8/4/2020** SeqNo: **1222756**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	490	20.0	500.0	0	98.0	65	135				
Surr: 2-Fluorobiphenyl	20.0		20.00		100	50	150				
Surr: o-Terphenyl	20.6		20.00		103	50	150				

Sample ID: **MB-29235** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/4/2020** RunNo: **60975**
Client ID: **MBLKS** Batch ID: **29235** Analysis Date: **8/4/2020** SeqNo: **1222757**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	17.9		20.00		89.4	50	150				
Surr: o-Terphenyl	17.1		20.00		85.5	50	150				

Sample ID: **2008011-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60975**
Client ID: **ST-UST-1** Batch ID: **29235** Analysis Date: **8/4/2020** SeqNo: **1222902**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	493	17.9						616.7	22.3	30	
Heavy Oil	ND	44.8						0		30	
Surr: 2-Fluorobiphenyl	18.2		17.93		101	50	150		0		
Surr: o-Terphenyl	19.0		17.93		106	50	150		0		

Sample ID: **2008011-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60975**
Client ID: **ST-UST-1** Batch ID: **29235** Analysis Date: **8/4/2020** SeqNo: **1222903**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	1,030	20.2	505.0	616.7	81.4	65	135				
Surr: 2-Fluorobiphenyl	22.5		20.20		112	50	150				
Surr: o-Terphenyl	24.4		20.20		121	50	150				

Work Order: 2008011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2008011-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60975**
Client ID: **ST-UST-1** Batch ID: **29235** Analysis Date: **8/4/2020** SeqNo: **1222903**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2008011-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60975**
Client ID: **ST-UST-1** Batch ID: **29235** Analysis Date: **8/4/2020** SeqNo: **1222904**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	1,080	21.1	527.6	616.7	87.5	65	135	1,028	4.81	30	
Surr: 2-Fluorobiphenyl	23.0		21.10		109	50	150		0		
Surr: o-Terphenyl	25.0		21.10		118	50	150		0		

Work Order: 2008011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **MB-29258** SampType: **MBLK** Units: **µg/Kg** Prep Date: **8/5/2020** RunNo: **61021**
Client ID: **MBLKS** Batch ID: **29258** Analysis Date: **8/5/2020** SeqNo: **1223692**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	40.0									
2-Methylnaphthalene	ND	40.0									
1-Methylnaphthalene	ND	40.0									
Acenaphthylene	ND	40.0									
Acenaphthene	ND	40.0									
Fluorene	ND	40.0									
Phenanthrene	ND	40.0									
Anthracene	ND	40.0									
Fluoranthene	ND	40.0									
Pyrene	ND	40.0									
Benz(a)anthracene	ND	40.0									
Chrysene	ND	40.0									
Benzo(b)fluoranthene	ND	40.0									
Benzo(k)fluoranthene	ND	40.0									
Benzo(a)pyrene	ND	40.0									
Indeno(1,2,3-cd)pyrene	ND	40.0									
Dibenz(a,h)anthracene	ND	40.0									
Benzo(g,h,i)perylene	ND	40.0									
Surr: 2-Fluorobiphenyl	311		500.0		62.2	6.91	127				
Surr: Terphenyl-d14 (surr)	429		500.0		85.8	32.9	153				

Sample ID: **LCS-29258** SampType: **LCS** Units: **µg/Kg** Prep Date: **8/5/2020** RunNo: **61021**
Client ID: **LCSS** Batch ID: **29258** Analysis Date: **8/5/2020** SeqNo: **1223693**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	715	40.0	1,000	0	71.5	47.3	136				
2-Methylnaphthalene	740	40.0	1,000	0	74.0	48.6	142				
1-Methylnaphthalene	759	40.0	1,000	0	75.9	51	140				
Acenaphthylene	737	40.0	1,000	0	73.7	47.5	137				
Acenaphthene	759	40.0	1,000	0	75.9	49.1	138				

Work Order: 2008011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **LCS-29258** SampType: **LCS** Units: **µg/Kg** Prep Date: **8/5/2020** RunNo: **61021**
Client ID: **LCSS** Batch ID: **29258** Analysis Date: **8/5/2020** SeqNo: **1223693**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	771	40.0	1,000	0	77.1	49.3	137				
Phenanthrene	776	40.0	1,000	0	77.6	45.5	139				
Anthracene	835	40.0	1,000	0	83.5	44	139				
Fluoranthene	851	40.0	1,000	0	85.1	48.7	144				
Pyrene	857	40.0	1,000	0	85.7	47.9	143				
Benz(a)anthracene	901	40.0	1,000	0	90.1	49.8	143				
Chrysene	811	40.0	1,000	0	81.1	47.1	144				
Benzo(b)fluoranthene	771	40.0	1,000	0	77.1	44.6	150				
Benzo(k)fluoranthene	915	40.0	1,000	0	91.5	47.5	148				
Benzo(a)pyrene	913	40.0	1,000	0	91.3	45	149				
Indeno(1,2,3-cd)pyrene	760	40.0	1,000	0	76.0	41.4	146				
Dibenz(a,h)anthracene	772	40.0	1,000	0	77.2	43.4	145				
Benzo(g,h,i)perylene	750	40.0	1,000	0	75.0	42.7	144				
Surr: 2-Fluorobiphenyl	378		500.0		75.6	6.91	127				
Surr: Terphenyl-d14 (surr)	437		500.0		87.5	32.9	153				

Sample ID: **2007363-006ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **8/5/2020** RunNo: **61021**
Client ID: **BATCH** Batch ID: **29258** Analysis Date: **8/5/2020** SeqNo: **1223695**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	41.7						0		30	
2-Methylnaphthalene	ND	41.7						0		30	
1-Methylnaphthalene	ND	41.7						0		30	
Acenaphthylene	ND	41.7						0		30	
Acenaphthene	ND	41.7						0		30	
Fluorene	ND	41.7						0		30	
Phenanthrene	ND	41.7						0		30	
Anthracene	ND	41.7						0		30	
Fluoranthene	46.4	41.7						64.58	32.8	30	
Pyrene	110	41.7						103.4	6.25	30	

Work Order: 2008011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2007363-006ADUP** SampType: **DUP** Units: **µg/Kg-dry** Prep Date: **8/5/2020** RunNo: **61021**
Client ID: **BATCH** Batch ID: **29258** Analysis Date: **8/5/2020** SeqNo: **1223695**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	94.4	41.7						77.50	19.6	30	
Chrysene	207	41.7						150.6	31.6	30	R
Benzo(b)fluoranthene	110	41.7						85.60	24.7	30	
Benzo(k)fluoranthene	ND	41.7						55.08	30.1	30	
Benzo(a)pyrene	129	41.7						122.1	5.38	30	
Indeno(1,2,3-cd)pyrene	43.8	41.7						51.09	15.3	30	
Dibenz(a,h)anthracene	ND	41.7						0		30	
Benzo(g,h,i)perylene	73.0	41.7						89.54	20.4	30	
Surr: 2-Fluorobiphenyl	324		521.5		62.1	6.91	127		0		
Surr: Terphenyl-d14 (surr)	407		521.5		78.0	32.9	153		0		

NOTES:
R - High RPD indicates matrix interference.

Sample ID: **2007363-006AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **8/5/2020** RunNo: **61021**
Client ID: **BATCH** Batch ID: **29258** Analysis Date: **8/5/2020** SeqNo: **1223696**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	621	42.0	1,050	11.84	58.0	33	123				
2-Methylnaphthalene	651	42.0	1,050	16.20	60.4	38.9	128				
1-Methylnaphthalene	667	42.0	1,050	13.99	62.1	36.2	129				
Acenaphthylene	640	42.0	1,050	3.710	60.6	39	132				
Acenaphthene	627	42.0	1,050	0	59.7	39.5	124				
Fluorene	653	42.0	1,050	5.411	61.7	38.5	128				
Phenanthrene	673	42.0	1,050	31.26	61.1	34.1	130				
Anthracene	721	42.0	1,050	4.872	68.1	38.8	128				
Fluoranthene	791	42.0	1,050	64.58	69.2	38.6	136				
Pyrene	848	42.0	1,050	103.4	70.9	37.8	134				
Benz(a)anthracene	882	42.0	1,050	77.50	76.6	35.9	142				
Chrysene	826	42.0	1,050	150.6	64.3	36.7	131				
Benzo(b)fluoranthene	813	42.0	1,050	85.60	69.3	35	141				
Benzo(k)fluoranthene	616	42.0	1,050	55.08	53.4	35.9	136				

Work Order: 2008011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2007363-006AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **8/5/2020** RunNo: **61021**
Client ID: **BATCH** Batch ID: **29258** Analysis Date: **8/5/2020** SeqNo: **1223696**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(a)pyrene	810	42.0	1,050	122.1	65.5	31.2	142				
Indeno(1,2,3-cd)pyrene	466	42.0	1,050	51.09	39.5	29.1	133				
Dibenz(a,h)anthracene	464	42.0	1,050	27.30	41.6	31.3	132				
Benzo(g,h,i)perylene	432	42.0	1,050	89.54	32.6	30.2	128				
Surr: 2-Fluorobiphenyl	316		525.2		60.2	6.91	127				
Surr: Terphenyl-d14 (surr)	383		525.2		73.0	32.9	153				

Sample ID: **2007363-006AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **8/5/2020** RunNo: **61021**
Client ID: **BATCH** Batch ID: **29258** Analysis Date: **8/5/2020** SeqNo: **1223697**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	593	38.2	955.8	11.84	60.8	33	123	620.8	4.55	30	
2-Methylnaphthalene	627	38.2	955.8	16.20	63.9	38.9	128	651.1	3.81	30	
1-Methylnaphthalene	636	38.2	955.8	13.99	65.0	36.2	129	666.7	4.79	30	
Acenaphthylene	611	38.2	955.8	3.710	63.5	39	132	640.1	4.73	30	
Acenaphthene	595	38.2	955.8	0	62.3	39.5	124	627.5	5.23	30	
Fluorene	623	38.2	955.8	5.411	64.6	38.5	128	653.2	4.70	30	
Phenanthrene	654	38.2	955.8	31.26	65.1	34.1	130	673.3	2.96	30	
Anthracene	690	38.2	955.8	4.872	71.7	38.8	128	720.6	4.33	30	
Fluoranthene	785	38.2	955.8	64.58	75.3	38.6	136	791.3	0.836	30	
Pyrene	848	38.2	955.8	103.4	77.9	37.8	134	847.8	0.0546	30	
Benz(a)anthracene	864	38.2	955.8	77.50	82.3	35.9	142	881.9	2.06	30	
Chrysene	818	38.2	955.8	150.6	69.8	36.7	131	826.2	1.02	30	
Benzo(b)fluoranthene	764	38.2	955.8	85.60	71.0	35	141	813.4	6.24	30	
Benzo(k)fluoranthene	481	38.2	955.8	55.08	44.6	35.9	136	616.0	24.6	30	
Benzo(a)pyrene	698	38.2	955.8	122.1	60.2	31.2	142	809.7	14.8	30	
Indeno(1,2,3-cd)pyrene	392	38.2	955.8	51.09	35.7	29.1	133	466.4	17.3	30	
Dibenz(a,h)anthracene	382	38.2	955.8	27.30	37.1	31.3	132	463.7	19.4	30	
Benzo(g,h,i)perylene	352	38.2	955.8	89.54	27.4	30.2	128	432.2	20.5	30	S
Surr: 2-Fluorobiphenyl	295		477.9		61.7	6.91	127		0		

Work Order: 2008011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2007363-006AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **8/5/2020** RunNo: **61021**
Client ID: **BATCH** Batch ID: **29258** Analysis Date: **8/5/2020** SeqNo: **1223697**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Terphenyl-d14 (surr)	354		477.9		74.2	32.9	153		0		

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Work Order: 2008011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: **MB-29239** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/4/2020** RunNo: **60981**
Client ID: **MBLKS** Batch ID: **29239** Analysis Date: **8/4/2020** SeqNo: **1222888**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.100									
Aroclor 1221	ND	0.100									
Aroclor 1232	ND	0.100									
Aroclor 1242	ND	0.100									
Aroclor 1248	ND	0.100									
Aroclor 1254	ND	0.100									
Aroclor 1260	ND	0.100									
Aroclor 1262	ND	0.100									
Aroclor 1268	ND	0.100									
Total PCBs	ND	0.100									
Surr: Decachlorobiphenyl	54.1		50.00		108	6.8	211				
Surr: Tetrachloro-m-xylene	44.9		50.00		89.8	7.85	182				

Sample ID: **LCS1-29239** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/4/2020** RunNo: **60981**
Client ID: **LCSS** Batch ID: **29239** Analysis Date: **8/4/2020** SeqNo: **1222889**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.771	0.100	1.000	0	77.1	30.2	169				
Aroclor 1260	0.835	0.100	1.000	0	83.5	28.2	181				
Surr: Decachlorobiphenyl	54.1		50.00		108	6.8	211				
Surr: Tetrachloro-m-xylene	44.1		50.00		88.1	7.85	182				

Sample ID: **LCS2-29239** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/4/2020** RunNo: **60981**
Client ID: **LCSS** Batch ID: **29239** Analysis Date: **8/4/2020** SeqNo: **1222890**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.822	0.100	1.000	0	82.2	37.1	136				
Surr: Decachlorobiphenyl	55.7		50.00		111	6.8	211				
Surr: Tetrachloro-m-xylene	43.8		50.00		87.6	7.85	182				

Work Order: 2008011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: **2007429-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60981**
Client ID: **BATCH** Batch ID: **29239** Analysis Date: **8/4/2020** SeqNo: **1222892**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.109						0		30	
Aroclor 1221	ND	0.109						0		30	
Aroclor 1232	ND	0.109						0		30	
Aroclor 1242	ND	0.109						0		30	
Aroclor 1248	ND	0.109						0		30	
Aroclor 1254	ND	0.109						0		30	
Aroclor 1260	ND	0.109						0		30	
Aroclor 1262	ND	0.109						0		30	
Aroclor 1268	ND	0.109						0		30	
Total PCBs	ND	0.109						0		30	
Surr: Decachlorobiphenyl	56.0		54.63		102	6.8	211		0		
Surr: Tetrachloro-m-xylene	46.4		54.63		84.9	7.85	182		0		

Sample ID: **2007429-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60981**
Client ID: **BATCH** Batch ID: **29239** Analysis Date: **8/4/2020** SeqNo: **1222893**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.799	0.107	1.073	0	74.5	48.5	157				
Aroclor 1260	0.886	0.107	1.073	0	82.6	48.4	164				
Surr: Decachlorobiphenyl	51.9		53.64		96.8	6.8	211				
Surr: Tetrachloro-m-xylene	43.3		53.64		80.8	7.85	182				

Sample ID: **2007429-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60981**
Client ID: **BATCH** Batch ID: **29239** Analysis Date: **8/4/2020** SeqNo: **1222894**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.757	0.0971	0.9708	0	78.0	48.5	157	0.7992	5.42	30	
Aroclor 1260	0.841	0.0971	0.9708	0	86.6	48.4	164	0.8859	5.22	30	
Surr: Decachlorobiphenyl	49.2		48.54		101	6.8	211		0		
Surr: Tetrachloro-m-xylene	41.3		48.54		85.0	7.85	182		0		

Work Order: 2008011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: **2007429-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60981**
Client ID: **BATCH** Batch ID: **29239** Analysis Date: **8/4/2020** SeqNo: **1222894**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Work Order: 2008011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-29246**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **8/4/2020**	RunNo: **60984**
Client ID: **LCSS**	Batch ID: **29246**		Analysis Date: **8/4/2020**	SeqNo: **1222957**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	26.4	5.00	25.00	0	106	65	135				
Surr: Toluene-d8	1.26		1.250		101	65	135				
Surr: 4-Bromofluorobenzene	1.27		1.250		101	65	135				

Sample ID: **MB-29246**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **8/4/2020**	RunNo: **60984**
Client ID: **MBLKS**	Batch ID: **29246**		Analysis Date: **8/4/2020**	SeqNo: **1222958**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.24		1.250		99.5	65	135				
Surr: 4-Bromofluorobenzene	1.19		1.250		94.9	65	135				

Sample ID: **2008001-010BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **8/4/2020**	RunNo: **60984**
Client ID: **BATCH**	Batch ID: **29246**		Analysis Date: **8/4/2020**	SeqNo: **1222942**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	6.23						0		30	
Surr: Toluene-d8	1.56		1.557		100	65	135		0		
Surr: 4-Bromofluorobenzene	1.48		1.557		94.8	65	135		0		

Sample ID: **2008019-004BMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **8/4/2020**	RunNo: **60984**
Client ID: **BATCH**	Batch ID: **29246**		Analysis Date: **8/5/2020**	SeqNo: **1222948**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	25.4	4.98	24.89	1.498	96.1	65	135				
Surr: Toluene-d8	1.27		1.245		102	65	135				
Surr: 4-Bromofluorobenzene	1.26		1.245		101	65	135				

Work Order: 2008011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2008019-004BMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **8/4/2020**	RunNo: **60984**
Client ID: **BATCH**	Batch ID: **29246**		Analysis Date: **8/5/2020**	SeqNo: **1222949**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	26.1	4.98	24.89	1.498	98.6	65	135	25.43	2.43	30	
Surr: Toluene-d8	1.27		1.245		102	65	135		0		
Surr: 4-Bromofluorobenzene	1.26		1.245		101	65	135		0		

Sample ID: **2008011-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **8/4/2020**	RunNo: **60984**
Client ID: **ST-UST-1**	Batch ID: **29246**		Analysis Date: **8/5/2020**	SeqNo: **1222944**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.13						0		30	
Surr: Toluene-d8	1.05		1.032		102	65	135		0		
Surr: 4-Bromofluorobenzene	1.25		1.032		121	65	135		0		

Work Order: 2008011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29246** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/4/2020** RunNo: **60983**
Client ID: **LCSS** Batch ID: **29246** Analysis Date: **8/4/2020** SeqNo: **1222930**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.919	0.0250	1.000	0	91.9	53.6	138				
1,1-Dichloroethene	0.899	0.0200	1.000	0	89.9	66	133				
trans-1,2-Dichloroethene	0.939	0.0200	1.000	0	93.9	79.6	115				
cis-1,2-Dichloroethene	0.935	0.0200	1.000	0	93.5	77.8	115				
Benzene	0.926	0.0200	1.000	0	92.6	80.5	114				
Trichloroethene (TCE)	0.936	0.0200	1.000	0	93.6	79.6	118				
Toluene	0.935	0.0200	1.000	0	93.5	79.6	116				
Tetrachloroethene (PCE)	0.929	0.0250	1.000	0	92.9	78.8	119				
Ethylbenzene	0.939	0.0250	1.000	0	93.9	81.6	116				
m,p-Xylene	1.89	0.0500	2.000	0	94.4	80.9	117				
o-Xylene	0.939	0.0250	1.000	0	93.9	80.8	114				
Surr: Dibromofluoromethane	1.30		1.250		104	83.3	111				
Surr: Toluene-d8	1.23		1.250		98.6	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.28		1.250		102	85.1	111				

Sample ID: **MB-29246** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/4/2020** RunNo: **60983**
Client ID: **MBLKS** Batch ID: **29246** Analysis Date: **8/4/2020** SeqNo: **1222931**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0250									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0250									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2008011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29246** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/4/2020** RunNo: **60983**
Client ID: **MBLKS** Batch ID: **29246** Analysis Date: **8/4/2020** SeqNo: **1222931**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.20		1.250		96.3	83.3	111				
Surr: Toluene-d8	1.22		1.250		97.4	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.250		99.0	85.1	111				

Sample ID: **2008001-010BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60983**
Client ID: **BATCH** Batch ID: **29246** Analysis Date: **8/4/2020** SeqNo: **1222917**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0311						0		30	
1,1-Dichloroethene	ND	0.0249						0		30	
trans-1,2-Dichloroethene	ND	0.0249						0		30	
cis-1,2-Dichloroethene	ND	0.0249						0		30	
Benzene	ND	0.0249						0		30	
Trichloroethene (TCE)	ND	0.0249						0		30	
Toluene	ND	0.0249						0		30	
Tetrachloroethene (PCE)	ND	0.0311						0		30	
Ethylbenzene	ND	0.0311						0		30	
m,p-Xylene	ND	0.0623						0		30	
o-Xylene	ND	0.0311						0		30	
Surr: Dibromofluoromethane	1.47		1.557		94.2	83.3	111		0		
Surr: Toluene-d8	1.53		1.557		98.5	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.54		1.557		99.0	85.1	111		0		

Sample ID: **2008001-005BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60983**
Client ID: **BATCH** Batch ID: **29246** Analysis Date: **8/4/2020** SeqNo: **1222911**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.03	0.0264	1.056	0	97.7	49.5	138				
1,1-Dichloroethene	0.982	0.0211	1.056	0	93.0	55	138				
trans-1,2-Dichloroethene	1.00	0.0211	1.056	0	94.8	73.1	121				

Work Order: 2008011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008001-005BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60983**
Client ID: **BATCH** Batch ID: **29246** Analysis Date: **8/4/2020** SeqNo: **1222911**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	1.02	0.0211	1.056	0	97.0	71.8	122				
Benzene	1.07	0.0211	1.056	0	102	76.7	119				
Trichloroethene (TCE)	1.09	0.0211	1.056	0	104	70.1	129				
Toluene	1.05	0.0211	1.056	0	99.4	74.7	119				
Tetrachloroethene (PCE)	1.01	0.0264	1.056	0	95.7	71.1	122				
Ethylbenzene	1.06	0.0264	1.056	0	100	77.1	120				
m,p-Xylene	2.16	0.0528	2.111	0	102	76.3	120				
o-Xylene	1.07	0.0264	1.056	0	101	76.6	119				
Surr: Dibromofluoromethane	1.34		1.319		102	83.3	111				
Surr: Toluene-d8	1.33		1.319		101	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.35		1.319		103	85.1	111				

Sample ID: **2008001-005BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60983**
Client ID: **BATCH** Batch ID: **29246** Analysis Date: **8/5/2020** SeqNo: **1222912**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.07	0.0264	1.056	0	101	49.5	138	1.031	3.30	30	
1,1-Dichloroethene	0.994	0.0211	1.056	0	94.2	55	138	0.9819	1.20	30	
trans-1,2-Dichloroethene	0.946	0.0211	1.056	0	89.6	73.1	121	1.001	5.64	30	
cis-1,2-Dichloroethene	1.03	0.0211	1.056	0	97.8	71.8	122	1.024	0.870	30	
Benzene	1.10	0.0211	1.056	0	105	76.7	119	1.073	2.76	30	
Trichloroethene (TCE)	1.15	0.0211	1.056	0	109	70.1	129	1.095	4.97	30	
Toluene	1.06	0.0211	1.056	0	101	74.7	119	1.049	1.14	30	
Tetrachloroethene (PCE)	1.04	0.0264	1.056	0	98.8	71.1	122	1.010	3.28	30	
Ethylbenzene	1.09	0.0264	1.056	0	103	77.1	120	1.061	2.36	30	
m,p-Xylene	2.19	0.0528	2.111	0	104	76.3	120	2.159	1.59	30	
o-Xylene	1.09	0.0264	1.056	0	104	76.6	119	1.066	2.51	30	
Surr: Dibromofluoromethane	1.33		1.319		101	83.3	111		0		
Surr: Toluene-d8	1.33		1.319		101	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.34		1.319		102	85.1	111		0		

Work Order: 2008011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008001-005BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60983**
Client ID: **BATCH** Batch ID: **29246** Analysis Date: **8/5/2020** SeqNo: **1222912**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2008011-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60983**
Client ID: **ST-UST-1** Batch ID: **29246** Analysis Date: **8/5/2020** SeqNo: **1222919**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0206						0		30	
1,1-Dichloroethene	ND	0.0165						0		30	
trans-1,2-Dichloroethene	ND	0.0165						0		30	
cis-1,2-Dichloroethene	ND	0.0165						0		30	
Benzene	ND	0.0165						0		30	
Trichloroethene (TCE)	ND	0.0165						0		30	
Toluene	ND	0.0165						0		30	
Tetrachloroethene (PCE)	0.216	0.0206						0.2057	5.02	30	
Ethylbenzene	ND	0.0206						0		30	
m,p-Xylene	ND	0.0413						0		30	
o-Xylene	ND	0.0206						0		30	
Surr: Dibromofluoromethane	1.07		1.032		104	83.3	111		0		
Surr: Toluene-d8	1.02		1.032		98.7	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.03		1.032		99.7	85.1	111		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2008011**
Logged by:	**Clare Griggs**	Date Received:	**8/3/2020 12:11:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No ☐	Not Present	☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No ☐	NA	☐
4.	Shipping container/cooler in good condition?	Yes	☑	No ☐		
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No ☐	Not Present	☑
6.	Was an attempt made to cool the samples?	Yes	☑	No ☐	NA	☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No ☐	NA	☐
8.	Sample(s) in proper container(s)?	Yes	☑	No ☐		
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No ☐		
10.	Are samples properly preserved?	Yes	☑	No ☐		
11.	Was preservative added to bottles?	Yes	☐	No ☑	NA	☐
12.	Is there headspace in the VOA vials?	Yes	☐	No ☐	NA	☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No ☐		
14.	Does paperwork match bottle labels?	Yes	☑	No ☐		
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No ☐		
16.	Is it clear what analyses were requested?	Yes	☑	No ☐		
17.	Were all holding times able to be met?	Yes	☑	No ☐		

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☑	No ☐	NA	☐

Person Notified:	Kristin Beck	Date:	8/5/2020
By Whom:	Clare Griggs	Via:	☑ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	Confirming COC & methods.		
Client Instructions:	Full list PAHs. Naph by 8270 SIM. Add GX.		

19. Additional remarks:

Item Information

Item #	Temp ºC
Cooler	1.1
Sample	1.4

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 8/3/20 | Page: 1 of: 1 | Laboratory Project No (internal): 2008011

Project Name: Maddux North | Special Remarks:

Project No: 160324

Client: Aspect Consulting | Collected by: Kristin Beck

Address: 710 2nd Ave Suite 550 | Location: Seattle, WA

City, State, Zip: Seattle, WA 98104 | Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Telephone: | Report To (PM): Andrew Yonkofski

Fax: | PM Email: ayonkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Naphthalene				Comments
1	ST-UST-1	7/31/20	1225	S			X			X		X	X				X					
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished x Kat Beck	Date/Time 8/3/20 @ 1211	Received x	Date/Time 8/3/20 @ 1211
Relinquished x	Date/Time	Received x	Date/Time

Turn-around Time:
- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 8/3/20 | Page: 1 of: 1 | Laboratory Project No (internal): 2008011

Project Name: Maddux North

Special Remarks: edits per AY 8/5/20 -CG

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave Suite 550

Collected by: Kristin Beck

City, State, Zip: Seattle, WA 98104

Location: Seattle, WA

Telephone:

Report To (PM): Andrew Yonkofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Naphthalene	8270 SIM				Comments
1	ST-UST-1	7/31/20	1225	S			X	X		X		X	X				X						
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

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	Relinquished	Date/Time	Received	Date/Time
x	Kat Beck	8/3/20 @ 1211	x	8/3/20 @ 1211
	Relinquished	Date/Time	Received	Date/Time
x			x	

Turn-around Time:

- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
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Tel: 206-352-3790
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Date: 8/3/20 | Page: 1 of: 1 | Laboratory Project No (internal): 2008011

Project Name: Maddux North

Special Remarks: edits per AY 8/5/20 -CG

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave Suite 550

Collected by: Kristin Beck

City, State, Zip: Seattle, WA 98104

Location: Seattle, WA

Telephone:

Report To (PM): Andrew Yonkofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Naphthalene	8270 SIM			Comments
1	ST-UST-1	7/31/20	1225	S			X	X		X		X	X				X					+PCE & breakdown per A.Y 8/11/20 -BB
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

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	Relinquished	Date/Time	Received	Date/Time
x	Kat Beck	8/3/20 @ 1211	x	8/3/20 @ 1211
	Relinquished	Date/Time	Received	Date/Time
x			x	

Turn-around Time:

- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2008039

August 05, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 1 sample(s) on 8/4/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

Date: *08/05/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2008039

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2008039-001	P1-P54-ST	08/04/2020 12:25 PM	08/04/2020 1:25 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2008039**
Date: **8/5/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2008039**
Date Reported: **8/5/2020**

Client: Aspect Consulting
Project: Maddux North
Lab ID: 2008039-001
Client Sample ID: **P1-P54-ST**

Collection Date: 8/4/2020 12:25:00 PM
Matrix: Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29235		Analyst: DW
Diesel 1/ Kerosene	71.8	23.7		mg/Kg-dry	1	8/4/2020 5:17:25 PM
Diesel (Fuel Oil)	ND	23.7		mg/Kg-dry	1	8/4/2020 5:17:25 PM
Heavy Oil	151	59.2		mg/Kg-dry	1	8/4/2020 5:17:25 PM
Surr: 2-Fluorobiphenyl	102	50 - 150		%Rec	1	8/4/2020 5:17:25 PM
Surr: o-Terphenyl	91.6	50 - 150		%Rec	1	8/4/2020 5:17:25 PM
Gasoline by NWTPH-Gx				Batch ID: 29246		Analyst: KT
Gasoline	ND	5.97		mg/Kg-dry	1	8/4/2020 6:56:50 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	8/4/2020 6:56:50 PM
Surr: 4-Bromofluorobenzene	97.2	65 - 135		%Rec	1	8/4/2020 6:56:50 PM
Sample Moisture (Percent Moisture)				Batch ID: R60977		Analyst: SBM
Percent Moisture	18.0	0.500		wt%	1	8/4/2020 4:10:39 PM

Fremont Analytical

Date: *8/5/2020*

Work Order: 2008039
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **LCS-29235**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **8/4/2020**	RunNo: **60975**
Client ID: **LCSS**	Batch ID: **29235**		Analysis Date: **8/4/2020**	SeqNo: **1222756**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	490	20.0	500.0	0	98.0	65	135				
Surr: 2-Fluorobiphenyl	20.0		20.00		100	50	150				
Surr: o-Terphenyl	20.6		20.00		103	50	150				

Sample ID: **MB-29235**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **8/4/2020**	RunNo: **60975**
Client ID: **MBLKS**	Batch ID: **29235**		Analysis Date: **8/4/2020**	SeqNo: **1222757**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	17.9		20.00		89.4	50	150				
Surr: o-Terphenyl	17.1		20.00		85.5	50	150				

Sample ID: **2008011-001ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **8/4/2020**	RunNo: **60975**
Client ID: **BATCH**	Batch ID: **29235**		Analysis Date: **8/4/2020**	SeqNo: **1222902**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	493	17.9						616.7	22.3	30	
Heavy Oil	ND	44.8						0		30	
Surr: 2-Fluorobiphenyl	18.2		17.93		101	50	150		0		
Surr: o-Terphenyl	19.0		17.93		106	50	150		0		

Sample ID: **2008011-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **8/4/2020**	RunNo: **60975**
Client ID: **BATCH**	Batch ID: **29235**		Analysis Date: **8/4/2020**	SeqNo: **1222903**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	1,030	20.2	505.0	616.7	81.4	65	135				
Surr: 2-Fluorobiphenyl	22.5		20.20		112	50	150				
Surr: o-Terphenyl	24.4		20.20		121	50	150				

Work Order: 2008039
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2008011-001AMS**	SampType: **MS**			Units: **mg/Kg-dry**	Prep Date: **8/4/2020**			RunNo: **60975**			
Client ID: **BATCH**	Batch ID: **29235**				Analysis Date: **8/4/2020**			SeqNo: **1222903**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2008011-001AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**	Prep Date: **8/4/2020**			RunNo: **60975**			
Client ID: **BATCH**	Batch ID: **29235**				Analysis Date: **8/4/2020**			SeqNo: **1222904**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	1,080	21.1	527.6	616.7	87.5	65	135	1,028	4.81	30	
Surr: 2-Fluorobiphenyl	23.0		21.10		109	50	150		0		
Surr: o-Terphenyl	25.0		21.10		118	50	150		0		

Work Order: 2008039
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-29246**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **8/4/2020**	RunNo: **60984**
Client ID: **LCSS**	Batch ID: **29246**		Analysis Date: **8/4/2020**	SeqNo: **1222957**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	26.4	5.00	25.00	0	106	65	135				
Surr: Toluene-d8	1.26		1.250		101	65	135				
Surr: 4-Bromofluorobenzene	1.27		1.250		101	65	135				

Sample ID: **MB-29246**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **8/4/2020**	RunNo: **60984**
Client ID: **MBLKS**	Batch ID: **29246**		Analysis Date: **8/4/2020**	SeqNo: **1222958**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.24		1.250		99.5	65	135				
Surr: 4-Bromofluorobenzene	1.19		1.250		94.9	65	135				

Sample ID: **2008001-010BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **8/4/2020**	RunNo: **60984**
Client ID: **BATCH**	Batch ID: **29246**		Analysis Date: **8/4/2020**	SeqNo: **1222942**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	6.23						0		30	
Surr: Toluene-d8	1.56		1.557		100	65	135		0		
Surr: 4-Bromofluorobenzene	1.48		1.557		94.8	65	135		0		

Sample ID: **2008019-004BMS**	SampType: **MS**	Units: **mg/Kg**	Prep Date: **8/4/2020**	RunNo: **60984**
Client ID: **BATCH**	Batch ID: **29246**		Analysis Date: **8/5/2020**	SeqNo: **1222948**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	22.7	4.44	22.20	1.336	96.1	65	135				
Surr: Toluene-d8	1.13		1.110		102	65	135				
Surr: 4-Bromofluorobenzene	1.12		1.110		101	65	135				

Work Order: 2008039
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2008019-004BMSD** SampType: **MSD** Units: **mg/Kg** Prep Date: **8/4/2020** RunNo: **60984**
Client ID: **BATCH** Batch ID: **29246** Analysis Date: **8/5/2020** SeqNo: **1222949**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	23.2	4.44	22.20	1.336	98.6	65	135	22.67	2.43	30	
Surr: Toluene-d8	1.13		1.110		102	65	135		0		
Surr: 4-Bromofluorobenzene	1.12		1.110		101	65	135		0		

Sample ID: **2008011-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/4/2020** RunNo: **60984**
Client ID: **BATCH** Batch ID: **29246** Analysis Date: **8/5/2020** SeqNo: **1222944**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.13						0		30	
Surr: Toluene-d8	1.05		1.032		102	65	135		0		
Surr: 4-Bromofluorobenzene	1.25		1.032		121	65	135		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2008039**
Logged by:	**Clare Griggs**	Date Received:	**8/4/2020 1:25:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No ☐	Not Present	☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No ☐	NA	☐
4.	Shipping container/cooler in good condition?	Yes	☑	No ☐		
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No ☐	Not Present	☑
6.	Was an attempt made to cool the samples?	Yes	☑	No ☐	NA	☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No ☐	NA	☐
8.	Sample(s) in proper container(s)?	Yes	☑	No ☐		
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No ☐		
10.	Are samples properly preserved?	Yes	☑	No ☐		
11.	Was preservative added to bottles?	Yes	☐	No ☑	NA	☐
12.	Is there headspace in the VOA vials?	Yes	☐	No ☐	NA	☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No ☐		
14.	Does paperwork match bottle labels?	Yes	☑	No ☐		
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No ☐		
16.	Is it clear what analyses were requested?	Yes	☑	No ☐		
17.	Were all holding times able to be met?	Yes	☑	No ☐		

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No ☐	NA	☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Cooler	4.6
Sample	1.1

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 8/4/20 Page: 1 of: 1

Laboratory Project No (internal): 2008039

Project Name: Maddux North

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave Suite 550

Collected by: Kristin Beck

City, State, Zip: Seattle, WA 98104

Location: Seattle, WA

Telephone:

Report To (PM): Andrew Yonkofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	P1-P54-ST	8/4/20	1225	S				X		X								
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x KatBeck	8/4/20 @ 1325	x	8/4/20 1325
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day AM
- Same Day _____ (specify)

Page 11 of 11

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2008246

August 19, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 1 sample(s) on 8/18/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *08/19/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2008246

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2008246-001	B-P23-P9A-68.5-N	08/18/2020 10:10 AM	08/18/2020 3:39 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2008246**
Date: **8/19/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2008246**
Date Reported: **8/19/2020**

Client: Aspect Consulting
Collection Date: 8/18/2020 10:10:00 AM
Project: Maddux North
Lab ID: 2008246-001
Matrix: Soil
Client Sample ID: **B-P23-P9A-68.5-N**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29397		Analyst: DW
Diesel (Fuel Oil)	3,900	21.0		mg/Kg-dry	1	8/19/2020 5:20:08 AM
Heavy Oil	ND	52.5		mg/Kg-dry	1	8/19/2020 5:20:08 AM
Surr: 2-Fluorobiphenyl	99.4	50 - 150		%Rec	1	8/19/2020 5:20:08 AM
Surr: o-Terphenyl	97.6	50 - 150		%Rec	1	8/19/2020 5:20:08 AM
Gasoline by NWTPH-Gx				Batch ID: 29383		Analyst: KT
Gasoline	ND	4.95		mg/Kg-dry	1	8/19/2020 2:27:05 AM
Surr: Toluene-d8	96.6	65 - 135		%Rec	1	8/19/2020 2:27:05 AM
Surr: 4-Bromofluorobenzene	102	65 - 135		%Rec	1	8/19/2020 2:27:05 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29383		Analyst: KT
Benzene	ND	0.0198		mg/Kg-dry	1	8/19/2020 2:27:05 AM
Toluene	ND	0.0198		mg/Kg-dry	1	8/19/2020 2:27:05 AM
Ethylbenzene	ND	0.0248		mg/Kg-dry	1	8/19/2020 2:27:05 AM
m,p-Xylene	ND	0.0495		mg/Kg-dry	1	8/19/2020 2:27:05 AM
o-Xylene	ND	0.0248		mg/Kg-dry	1	8/19/2020 2:27:05 AM
Surr: Dibromofluoromethane	94.6	83.3 - 111		%Rec	1	8/19/2020 2:27:05 AM
Surr: Toluene-d8	96.2	87.9 - 111		%Rec	1	8/19/2020 2:27:05 AM
Surr: 1-Bromo-4-fluorobenzene	109	85.1 - 111		%Rec	1	8/19/2020 2:27:05 AM
Sample Moisture (Percent Moisture)				Batch ID: R61238		Analyst: EH
Percent Moisture	10.4	0.500		wt%	1	8/19/2020 8:48:15 AM

Work Order: 2008246
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-29397** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61236**
Client ID: **MBLKS** Batch ID: **29397** Analysis Date: **8/18/2020** SeqNo: **1228305**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	20.7		20.00		103	50	150				
Surr: o-Terphenyl	19.0		20.00		95.2	50	150				

Sample ID: **LCS-29397** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61236**
Client ID: **LCSS** Batch ID: **29397** Analysis Date: **8/18/2020** SeqNo: **1228306**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	550	20.0	500.0	0	110	65	135				
Surr: 2-Fluorobiphenyl	20.0		20.00		99.8	50	150				
Surr: o-Terphenyl	22.0		20.00		110	50	150				

Sample ID: **2008243-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/18/2020** RunNo: **61236**
Client ID: **BATCH** Batch ID: **29397** Analysis Date: **8/18/2020** SeqNo: **1228307**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	27.2						0		30	
Heavy Oil	ND	68.1						0		30	
Surr: 2-Fluorobiphenyl	35.9		27.23		132	50	150		0		
Surr: o-Terphenyl	34.0		27.23		125	50	150		0		

Sample ID: **2008243-002AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/18/2020** RunNo: **61236**
Client ID: **BATCH** Batch ID: **29397** Analysis Date: **8/18/2020** SeqNo: **1228308**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	851	25.0	625.4	0	136	65	135				S
Surr: 2-Fluorobiphenyl	31.7		25.02		127	50	150				
Surr: o-Terphenyl	34.8		25.02		139	50	150				

Work Order: 2008246
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2008243-002AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **8/18/2020**	RunNo: **61236**
Client ID: **BATCH**	Batch ID: **29397**		Analysis Date: **8/18/2020**	SeqNo: **1228308**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
S - Spike recovery indicates a possible matrix effect. The method is in control as indicated by the Laboratory Control Sample (LCS).

Sample ID: **2008243-002AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **8/18/2020**	RunNo: **61236**
Client ID: **BATCH**	Batch ID: **29397**		Analysis Date: **8/18/2020**	SeqNo: **1228309**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	833	24.3	606.5	0	137	65	135	851.1	2.11	30	S
Surr: 2-Fluorobiphenyl	31.5		24.26		130	50	150		0		
Surr: o-Terphenyl	34.6		24.26		143	50	150		0		

NOTES:
S - Spike recovery indicates a possible matrix effect. The method is in control as indicated by the Laboratory Control Sample (LCS).

Work Order: 2008246
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-29383**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **8/18/2020**	RunNo: **61244**
Client ID: **LCSS**	Batch ID: **29383**		Analysis Date: **8/18/2020**	SeqNo: **1228606**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	23.9	5.00	25.00	0	95.6	65	135				
Surr: Toluene-d8	1.26		1.250		100	65	135				
Surr: 4-Bromofluorobenzene	1.28		1.250		103	65	135				

Sample ID: **MB-29383**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **8/18/2020**	RunNo: **61244**
Client ID: **MBLKS**	Batch ID: **29383**		Analysis Date: **8/18/2020**	SeqNo: **1228607**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.21		1.250		96.9	65	135				
Surr: 4-Bromofluorobenzene	1.18		1.250		94.6	65	135				

Sample ID: **2008202-001BDUP**	SampType: **DUP**	Units: **mg/Kg**	Prep Date: **8/18/2020**	RunNo: **61244**
Client ID: **BATCH**	Batch ID: **29383**		Analysis Date: **8/18/2020**	SeqNo: **1228579**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.47						0		30	
Surr: Toluene-d8	1.08		1.117		97.0	65	135		0		
Surr: 4-Bromofluorobenzene	1.08		1.117		96.8	65	135		0		

Sample ID: **2008222-001BDUP**	SampType: **DUP**	Units: **mg/Kg**	Prep Date: **8/18/2020**	RunNo: **61244**
Client ID: **BATCH**	Batch ID: **29383**		Analysis Date: **8/18/2020**	SeqNo: **1228587**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.42						0		30	
Surr: Toluene-d8	1.07		1.105		96.8	65	135		0		
Surr: 4-Bromofluorobenzene	1.07		1.105		97.0	65	135		0		

Work Order: 2008246
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2008222-002BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61244**
Client ID: **BATCH** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228589**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	253	5.18	25.88	224.2	110	65	135				E
Surr: Toluene-d8	1.29		1.294		99.9	65	135				
Surr: 4-Bromofluorobenzene	2.23		1.294		172	65	135				S

NOTES:
S - Outlying surrogate recovery attributed to TPH interference. The method is in control as indicated by the Method Blank (MB) & Laboratory Control Sample (LCS).
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID: **2008222-002BMSD** SampType: **MSD** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61244**
Client ID: **BATCH** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228590**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	249	5.18	25.88	224.2	97.1	65	135	252.5	1.30	30	E
Surr: Toluene-d8	1.29		1.294		99.4	65	135		0		
Surr: 4-Bromofluorobenzene	2.23		1.294		173	65	135		0		S

NOTES:
S - Outlying surrogate recovery attributed to TPH interference. The method is in control as indicated by the Method Blank (MB) & Laboratory Control Sample (LCS).
E - Estimated value. The amount exceeds the linear working range of the instrument.

Work Order: 2008246
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29383** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61242**
Client ID: **LCSS** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228551**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.01	0.0200	1.000	0	101	80.5	114				
Toluene	0.999	0.0200	1.000	0	99.9	79.6	116				
Ethylbenzene	1.02	0.0250	1.000	0	102	81.6	116				
m,p-Xylene	2.07	0.0500	2.000	0	104	80.9	117				
o-Xylene	1.00	0.0250	1.000	0	100	80.8	114				
Surr: Dibromofluoromethane	1.26		1.250		101	83.3	111				
Surr: Toluene-d8	1.22		1.250		97.8	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		100	85.1	111				

Sample ID: **MB-29383** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61242**
Client ID: **MBLKS** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228552**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0200									
Toluene	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Surr: Dibromofluoromethane	1.19		1.250		94.9	83.3	111				
Surr: Toluene-d8	1.21		1.250		97.2	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.23		1.250		98.7	85.1	111				

Sample ID: **2008202-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61242**
Client ID: **BATCH** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228525**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0179						0		30	
Toluene	ND	0.0179						0		30	
Ethylbenzene	ND	0.0223						0		30	

Work Order: 2008246
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008202-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61242**
Client ID: **BATCH** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228525**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylene	ND	0.0447						0		30	
o-Xylene	ND	0.0223						0		30	
Surr: Dibromofluoromethane	1.08		1.117		96.3	83.3	111		0		
Surr: Toluene-d8	1.10		1.117		98.1	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.13		1.117		101	85.1	111		0		

Sample ID: **2008222-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61242**
Client ID: **BATCH** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228535**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0177						0		30	
Toluene	ND	0.0177						0		30	
Ethylbenzene	ND	0.0221						0		30	
m,p-Xylene	ND	0.0442						0		30	
o-Xylene	ND	0.0221						0		30	
Surr: Dibromofluoromethane	1.06		1.105		95.7	83.3	111		0		
Surr: Toluene-d8	1.09		1.105		98.3	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.12		1.105		101	85.1	111		0		

Sample ID: **2008202-002BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61242**
Client ID: **BATCH** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228527**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.810	0.0163	0.8157	0	99.4	76.7	119				
Toluene	0.825	0.0163	0.8157	0	101	74.7	119				
Ethylbenzene	0.832	0.0204	0.8157	0	102	77.1	120				
m,p-Xylene	1.68	0.0408	1.631	0	103	76.3	120				
o-Xylene	0.829	0.0204	0.8157	0	102	76.6	119				
Surr: Dibromofluoromethane	1.02		1.020		100	83.3	111				

Work Order: 2008246
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008202-002BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61242**
Client ID: **BATCH** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228527**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	0.993		1.020		97.4	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.05		1.020		103	85.1	111				

Sample ID: **2008202-002BMSD** SampType: **MSD** Units: **mg/Kg** Prep Date: **8/18/2020** RunNo: **61242**
Client ID: **BATCH** Batch ID: **29383** Analysis Date: **8/18/2020** SeqNo: **1228528**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.758	0.0163	0.8157	0	92.9	76.7	119	0.8105	6.66	30	
Toluene	0.770	0.0163	0.8157	0	94.4	74.7	119	0.8246	6.87	30	
Ethylbenzene	0.780	0.0204	0.8157	0	95.6	77.1	120	0.8317	6.40	30	
m,p-Xylene	1.57	0.0408	1.631	0	96.0	76.3	120	1.684	7.18	30	
o-Xylene	0.791	0.0204	0.8157	0	97.0	76.6	119	0.8292	4.71	30	
Surr: Dibromofluoromethane	0.990		1.020		97.1	83.3	111		0		
Surr: Toluene-d8	0.981		1.020		96.2	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.02		1.020		100	85.1	111		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2008246**
Logged by:	**Carissa True**	Date Received:	**8/18/2020 3:39:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐	
2.	How was the sample delivered?	Picked up by FAI			

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐	
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐		
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑	
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐	
7.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐	
8.	Sample(s) in proper container(s)?	Yes ☑	No ☐		
9.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐		
10.	Are samples properly preserved?	Yes ☑	No ☐		
11.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐	
12.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑	
13.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐		
14.	Does paperwork match bottle labels?	Yes ☑	No ☐		
15.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐		
16.	Is it clear what analyses were requested?	Yes ☑	No ☐		
17.	Were all holding times able to be met?	Yes ☑	No ☐		

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑	

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	1.5

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 8/18/20 | Page: 1 of: 1 | Laboratory Project No (internal): 2008246

Project Name: Maddux North | Special Remarks:

Client: Aspect Consulting
Address: 710 2nd Ave Suite 550
City, State, Zip: Seattle, WA 98104
Telephone:
Fax:

Project No: 160324
Collected by: Kristin Beck
Location: 160324
Report To (PM): Andrew Yonkofski etal
PM Email: AYonkofski@aspect.n kbeck@aspect.. jsmith@aspect..

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	B-P23-P9A-68.5-N	8/18/20	1010	S		X		X		X							
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Kristin Beck	8/18/20	x	
x John Maas	8/18/20 2:55PM	x	

Turn-around Time:
- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2008281

August 27, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 15 sample(s) on 8/20/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Date: *08/27/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2008281

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2008281-001	SW-P14-77-N	08/19/2020 7:30 AM	08/20/2020 3:57 PM
2008281-002	SW-P40-74-N	08/19/2020 7:40 AM	08/20/2020 3:57 PM
2008281-003	SW-P38-75-N	08/19/2020 7:45 AM	08/20/2020 3:57 PM
2008281-004	SW-P36-76-N	08/19/2020 7:55 AM	08/20/2020 3:57 PM
2008281-005	SW-P24-86-N	08/19/2020 11:49 AM	08/20/2020 3:57 PM
2008281-006	SW-P22-87-N	08/19/2020 11:55 AM	08/20/2020 3:57 PM
2008281-007	SW-P20-86-N	08/19/2020 12:00 PM	08/20/2020 3:57 PM
2008281-008	SW-P18-82-N	08/19/2020 12:20 PM	08/20/2020 3:57 PM
2008281-009	SW-P16-82-N	08/19/2020 1:25 PM	08/20/2020 3:57 PM
2008281-010	SW-P12-77-N	08/20/2020 8:25 AM	08/20/2020 3:57 PM
2008281-011	SW-P22-82-N	08/20/2020 11:56 AM	08/20/2020 3:57 PM
2008281-012	SW-P20-82-N	08/20/2020 12:01 PM	08/20/2020 3:57 PM
2008281-013	SW-P24-82-N	08/20/2020 12:05 PM	08/20/2020 3:57 PM
2008281-014	SW-DUP-1-N	08/20/2020 12:12 PM	08/20/2020 3:57 PM
2008281-015	Trip Blank	07/21/2020 11:51 AM	08/20/2020 3:57 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2008281**
Date: **8/27/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008281-002 **Collection Date:** 8/19/2020 7:40:00 AM
Client Sample ID: **SW-P40-74-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29477		Analyst: CR
Vinyl chloride	ND	0.0232		mg/Kg-dry	1	8/26/2020 5:25:33 PM
1,1-Dichloroethene	ND	0.0232		mg/Kg-dry	1	8/26/2020 5:25:33 PM
trans-1,2-Dichloroethene	ND	0.0232		mg/Kg-dry	1	8/26/2020 5:25:33 PM
cis-1,2-Dichloroethene	ND	0.0232		mg/Kg-dry	1	8/26/2020 5:25:33 PM
Trichloroethene (TCE)	ND	0.0232		mg/Kg-dry	1	8/26/2020 5:25:33 PM
Tetrachloroethene (PCE)	ND	0.0232		mg/Kg-dry	1	8/26/2020 5:25:33 PM
Surr: Dibromofluoromethane	96.9	83.3 - 111		%Rec	1	8/26/2020 5:25:33 PM
Surr: Toluene-d8	99.0	87.9 - 111		%Rec	1	8/26/2020 5:25:33 PM
Surr: 1-Bromo-4-fluorobenzene	98.5	85.1 - 111		%Rec	1	8/26/2020 5:25:33 PM
Sample Moisture (Percent Moisture)				Batch ID: R61325		Analyst: CJ
Percent Moisture	11.5	0.500		wt%	1	8/24/2020 8:48:37 AM

Lab ID: 2008281-003 **Collection Date:** 8/19/2020 7:45:00 AM
Client Sample ID: **SW-P38-75-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29477		Analyst: CR
Vinyl chloride	ND	0.0254		mg/Kg-dry	1	8/26/2020 5:56:19 PM
1,1-Dichloroethene	ND	0.0254		mg/Kg-dry	1	8/26/2020 5:56:19 PM
trans-1,2-Dichloroethene	ND	0.0254		mg/Kg-dry	1	8/26/2020 5:56:19 PM
cis-1,2-Dichloroethene	ND	0.0254		mg/Kg-dry	1	8/26/2020 5:56:19 PM
Trichloroethene (TCE)	ND	0.0254		mg/Kg-dry	1	8/26/2020 5:56:19 PM
Tetrachloroethene (PCE)	ND	0.0254		mg/Kg-dry	1	8/26/2020 5:56:19 PM
Surr: Dibromofluoromethane	96.7	83.3 - 111		%Rec	1	8/26/2020 5:56:19 PM
Surr: Toluene-d8	99.5	87.9 - 111		%Rec	1	8/26/2020 5:56:19 PM
Surr: 1-Bromo-4-fluorobenzene	98.8	85.1 - 111		%Rec	1	8/26/2020 5:56:19 PM
Sample Moisture (Percent Moisture)				Batch ID: R61325		Analyst: CJ
Percent Moisture	13.9	0.500		wt%	1	8/24/2020 8:48:37 AM

Analytical Report

Work Order: **2008281**
Date Reported: **8/27/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008281-004 **Collection Date:** 8/19/2020 7:55:00 AM
Client Sample ID: **SW-P36-76-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29477		Analyst: CR
Vinyl chloride	ND	0.0224		mg/Kg-dry	1	8/26/2020 6:27:00 PM
1,1-Dichloroethene	ND	0.0224		mg/Kg-dry	1	8/26/2020 6:27:00 PM
trans-1,2-Dichloroethene	ND	0.0224		mg/Kg-dry	1	8/26/2020 6:27:00 PM
cis-1,2-Dichloroethene	ND	0.0224		mg/Kg-dry	1	8/26/2020 6:27:00 PM
Trichloroethene (TCE)	ND	0.0224		mg/Kg-dry	1	8/26/2020 6:27:00 PM
Tetrachloroethene (PCE)	0.105	0.0224		mg/Kg-dry	1	8/26/2020 6:27:00 PM
Surr: Dibromofluoromethane	96.1	83.3 - 111		%Rec	1	8/26/2020 6:27:00 PM
Surr: Toluene-d8	100	87.9 - 111		%Rec	1	8/26/2020 6:27:00 PM
Surr: 1-Bromo-4-fluorobenzene	99.2	85.1 - 111		%Rec	1	8/26/2020 6:27:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R61325		Analyst: CJ
Percent Moisture	9.82	0.500		wt%	1	8/24/2020 8:48:37 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008281-005 **Collection Date:** 8/19/2020 11:49:00 AM
Client Sample ID: **SW-P24-86-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29477		Analyst: CR
Vinyl chloride	ND	0.0303		mg/Kg-dry	1	8/26/2020 6:57:38 PM
1,1-Dichloroethene	ND	0.0303		mg/Kg-dry	1	8/26/2020 6:57:38 PM
trans-1,2-Dichloroethene	ND	0.0303		mg/Kg-dry	1	8/26/2020 6:57:38 PM
cis-1,2-Dichloroethene	ND	0.0303		mg/Kg-dry	1	8/26/2020 6:57:38 PM
Trichloroethene (TCE)	ND	0.0303		mg/Kg-dry	1	8/26/2020 6:57:38 PM
Tetrachloroethene (PCE)	0.150	0.0303		mg/Kg-dry	1	8/26/2020 6:57:38 PM
Surr: Dibromofluoromethane	94.6	83.3 - 111		%Rec	1	8/26/2020 6:57:38 PM
Surr: Toluene-d8	98.3	87.9 - 111		%Rec	1	8/26/2020 6:57:38 PM
Surr: 1-Bromo-4-fluorobenzene	94.9	85.1 - 111		%Rec	1	8/26/2020 6:57:38 PM
Sample Moisture (Percent Moisture)				Batch ID: R61355		Analyst: CJ
Percent Moisture	11.5	0.500		wt%	1	8/25/2020 9:07:22 AM

Lab ID: 2008281-006 **Collection Date:** 8/19/2020 11:55:00 AM
Client Sample ID: **SW-P22-87-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29477		Analyst: CR
Vinyl chloride	ND	0.0295		mg/Kg-dry	1	8/26/2020 7:28:13 PM
1,1-Dichloroethene	ND	0.0295		mg/Kg-dry	1	8/26/2020 7:28:13 PM
trans-1,2-Dichloroethene	ND	0.0295		mg/Kg-dry	1	8/26/2020 7:28:13 PM
cis-1,2-Dichloroethene	ND	0.0295		mg/Kg-dry	1	8/26/2020 7:28:13 PM
Trichloroethene (TCE)	ND	0.0295		mg/Kg-dry	1	8/26/2020 7:28:13 PM
Tetrachloroethene (PCE)	0.0794	0.0295		mg/Kg-dry	1	8/26/2020 7:28:13 PM
Surr: Dibromofluoromethane	95.7	83.3 - 111		%Rec	1	8/26/2020 7:28:13 PM
Surr: Toluene-d8	99.3	87.9 - 111		%Rec	1	8/26/2020 7:28:13 PM
Surr: 1-Bromo-4-fluorobenzene	98.2	85.1 - 111		%Rec	1	8/26/2020 7:28:13 PM
Sample Moisture (Percent Moisture)				Batch ID: R61355		Analyst: CJ
Percent Moisture	2.10	0.500		wt%	1	8/25/2020 9:07:22 AM

Analytical Report

Work Order: **2008281**
Date Reported: **8/27/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008281-007 **Collection Date:** 8/19/2020 12:00:00 PM
Client Sample ID: **SW-P20-86-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29477		Analyst: CR
Vinyl chloride	ND	0.0275		mg/Kg-dry	1	8/26/2020 7:58:46 PM
1,1-Dichloroethene	ND	0.0275		mg/Kg-dry	1	8/26/2020 7:58:46 PM
trans-1,2-Dichloroethene	ND	0.0275		mg/Kg-dry	1	8/26/2020 7:58:46 PM
cis-1,2-Dichloroethene	ND	0.0275		mg/Kg-dry	1	8/26/2020 7:58:46 PM
Trichloroethene (TCE)	ND	0.0275		mg/Kg-dry	1	8/26/2020 7:58:46 PM
Tetrachloroethene (PCE)	ND	0.0275		mg/Kg-dry	1	8/26/2020 7:58:46 PM
Surr: Dibromofluoromethane	95.8	83.3 - 111		%Rec	1	8/26/2020 7:58:46 PM
Surr: Toluene-d8	99.4	87.9 - 111		%Rec	1	8/26/2020 7:58:46 PM
Surr: 1-Bromo-4-fluorobenzene	98.1	85.1 - 111		%Rec	1	8/26/2020 7:58:46 PM
Sample Moisture (Percent Moisture)				Batch ID: R61355		Analyst: CJ
Percent Moisture	3.41	0.500		wt%	1	8/25/2020 9:07:22 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008281-008 **Collection Date:** 8/19/2020 12:20:00 PM
Client Sample ID: **SW-P18-82-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29477		Analyst: CR
Vinyl chloride	ND	0.0276		mg/Kg-dry	1	8/26/2020 8:29:18 PM
1,1-Dichloroethene	ND	0.0276		mg/Kg-dry	1	8/26/2020 8:29:18 PM
trans-1,2-Dichloroethene	ND	0.0276		mg/Kg-dry	1	8/26/2020 8:29:18 PM
cis-1,2-Dichloroethene	ND	0.0276		mg/Kg-dry	1	8/26/2020 8:29:18 PM
Trichloroethene (TCE)	ND	0.0276		mg/Kg-dry	1	8/26/2020 8:29:18 PM
Tetrachloroethene (PCE)	ND	0.0276		mg/Kg-dry	1	8/26/2020 8:29:18 PM
Surr: Dibromofluoromethane	94.7	83.3 - 111		%Rec	1	8/26/2020 8:29:18 PM
Surr: Toluene-d8	98.2	87.9 - 111		%Rec	1	8/26/2020 8:29:18 PM
Surr: 1-Bromo-4-fluorobenzene	97.8	85.1 - 111		%Rec	1	8/26/2020 8:29:18 PM
Sample Moisture (Percent Moisture)				Batch ID: R61355		Analyst: CJ
Percent Moisture	8.48	0.500		wt%	1	8/25/2020 9:07:22 AM

Lab ID: 2008281-011 **Collection Date:** 8/20/2020 11:56:00 AM
Client Sample ID: **SW-P22-82-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29477		Analyst: CR
Vinyl chloride	ND	0.0234		mg/Kg-dry	1	8/26/2020 8:59:49 PM
1,1-Dichloroethene	ND	0.0234		mg/Kg-dry	1	8/26/2020 8:59:49 PM
trans-1,2-Dichloroethene	ND	0.0234		mg/Kg-dry	1	8/26/2020 8:59:49 PM
cis-1,2-Dichloroethene	ND	0.0234		mg/Kg-dry	1	8/26/2020 8:59:49 PM
Trichloroethene (TCE)	ND	0.0234		mg/Kg-dry	1	8/26/2020 8:59:49 PM
Tetrachloroethene (PCE)	0.502	0.0234		mg/Kg-dry	1	8/26/2020 8:59:49 PM
Surr: Dibromofluoromethane	94.9	83.3 - 111		%Rec	1	8/26/2020 8:59:49 PM
Surr: Toluene-d8	98.8	87.9 - 111		%Rec	1	8/26/2020 8:59:49 PM
Surr: 1-Bromo-4-fluorobenzene	98.2	85.1 - 111		%Rec	1	8/26/2020 8:59:49 PM
Sample Moisture (Percent Moisture)				Batch ID: R61355		Analyst: CJ
Percent Moisture	10.8	0.500		wt%	1	8/25/2020 9:07:22 AM

Analytical Report

Work Order: **2008281**
Date Reported: **8/27/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008281-012 **Collection Date:** 8/20/2020 12:01:00 PM
Client Sample ID: **SW-P20-82-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29477		Analyst: CR
Vinyl chloride	ND	0.0276		mg/Kg-dry	1	8/26/2020 9:30:15 PM
1,1-Dichloroethene	ND	0.0276		mg/Kg-dry	1	8/26/2020 9:30:15 PM
trans-1,2-Dichloroethene	ND	0.0276		mg/Kg-dry	1	8/26/2020 9:30:15 PM
cis-1,2-Dichloroethene	ND	0.0276		mg/Kg-dry	1	8/26/2020 9:30:15 PM
Trichloroethene (TCE)	ND	0.0276		mg/Kg-dry	1	8/26/2020 9:30:15 PM
Tetrachloroethene (PCE)	ND	0.0276		mg/Kg-dry	1	8/26/2020 9:30:15 PM
Surr: Dibromofluoromethane	95.6	83.3 - 111		%Rec	1	8/26/2020 9:30:15 PM
Surr: Toluene-d8	99.7	87.9 - 111		%Rec	1	8/26/2020 9:30:15 PM
Surr: 1-Bromo-4-fluorobenzene	98.0	85.1 - 111		%Rec	1	8/26/2020 9:30:15 PM
Sample Moisture (Percent Moisture)				Batch ID: R61355		Analyst: CJ
Percent Moisture	20.0	0.500		wt%	1	8/25/2020 9:07:22 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008281-013 **Collection Date:** 8/20/2020 12:05:00 PM
Client Sample ID: **SW-P24-82-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29477		Analyst: CR
Vinyl chloride	ND	0.0254		mg/Kg-dry	1	8/26/2020 10:00:41 PM
1,1-Dichloroethene	ND	0.0254		mg/Kg-dry	1	8/26/2020 10:00:41 PM
trans-1,2-Dichloroethene	ND	0.0254		mg/Kg-dry	1	8/26/2020 10:00:41 PM
cis-1,2-Dichloroethene	ND	0.0254		mg/Kg-dry	1	8/26/2020 10:00:41 PM
Trichloroethene (TCE)	ND	0.0254		mg/Kg-dry	1	8/26/2020 10:00:41 PM
Tetrachloroethene (PCE)	1.98	0.0254		mg/Kg-dry	1	8/26/2020 10:00:41 PM
Surr: Dibromofluoromethane	95.1	83.3 - 111		%Rec	1	8/26/2020 10:00:41 PM
Surr: Toluene-d8	99.2	87.9 - 111		%Rec	1	8/26/2020 10:00:41 PM
Surr: 1-Bromo-4-fluorobenzene	96.4	85.1 - 111		%Rec	1	8/26/2020 10:00:41 PM
Sample Moisture (Percent Moisture)				Batch ID: R61355		Analyst: CJ
Percent Moisture	15.0	0.500		wt%	1	8/25/2020 9:07:22 AM

Lab ID: 2008281-014 **Collection Date:** 8/20/2020 12:12:00 PM
Client Sample ID: **SW-DUP-1-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29477		Analyst: CR
Vinyl chloride	ND	0.0248		mg/Kg-dry	1	8/26/2020 11:01:30 PM
1,1-Dichloroethene	ND	0.0248		mg/Kg-dry	1	8/26/2020 11:01:30 PM
trans-1,2-Dichloroethene	ND	0.0248		mg/Kg-dry	1	8/26/2020 11:01:30 PM
cis-1,2-Dichloroethene	ND	0.0248		mg/Kg-dry	1	8/26/2020 11:01:30 PM
Trichloroethene (TCE)	ND	0.0248		mg/Kg-dry	1	8/26/2020 11:01:30 PM
Tetrachloroethene (PCE)	0.575	0.0248		mg/Kg-dry	1	8/26/2020 11:01:30 PM
Surr: Dibromofluoromethane	95.6	83.3 - 111		%Rec	1	8/26/2020 11:01:30 PM
Surr: Toluene-d8	92.2	87.9 - 111		%Rec	1	8/26/2020 11:01:30 PM
Surr: 1-Bromo-4-fluorobenzene	97.3	85.1 - 111		%Rec	1	8/26/2020 11:01:30 PM
Sample Moisture (Percent Moisture)				Batch ID: R61355		Analyst: CJ
Percent Moisture	10.0	0.500		wt%	1	8/25/2020 9:07:22 AM

CLIENT: Aspect Consulting
Project: Maddux North

Work Order: 2008281
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29477** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/26/2020** RunNo: **61423**
Client ID: **LCSS** Batch ID: **29477** Analysis Date: **8/26/2020** SeqNo: **1232311**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.02	0.0200	1.000	0	102	53.6	138				
1,1-Dichloroethene	0.882	0.0200	1.000	0	88.2	66	133				
trans-1,2-Dichloroethene	1.04	0.0200	1.000	0	104	79.6	115				
cis-1,2-Dichloroethene	1.05	0.0200	1.000	0	105	77.8	115				
Trichloroethene (TCE)	1.06	0.0200	1.000	0	106	79.6	118				
Tetrachloroethene (PCE)	1.05	0.0200	1.000	0	105	78.8	119				
Surr: Dibromofluoromethane	1.29		1.250		103	83.3	111				
Surr: Toluene-d8	1.24		1.250		99.2	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.28		1.250		102	85.1	111				

Sample ID: **MB-29477** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/26/2020** RunNo: **61423**
Client ID: **MBLKS** Batch ID: **29477** Analysis Date: **8/26/2020** SeqNo: **1232312**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.20		1.250		96.0	83.3	111				
Surr: Toluene-d8	1.24		1.250		98.8	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.23		1.250		98.1	85.1	111				

Sample ID: **2008281-013BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/26/2020** RunNo: **61423**
Client ID: **SW-P24-82-N** Batch ID: **29477** Analysis Date: **8/26/2020** SeqNo: **1232305**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0254						0		30	

Work Order: 2008281
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008281-013BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/26/2020** RunNo: **61423**
Client ID: **SW-P24-82-N** Batch ID: **29477** Analysis Date: **8/26/2020** SeqNo: **1232305**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0254						0		30	
trans-1,2-Dichloroethene	ND	0.0254						0		30	
cis-1,2-Dichloroethene	ND	0.0254						0		30	
Trichloroethene (TCE)	ND	0.0254						0		30	
Tetrachloroethene (PCE)	2.09	0.0254						1.983	5.32	30	
Surr: Dibromofluoromethane	1.51		1.588		95.3	83.3	111		0		
Surr: Toluene-d8	1.58		1.588		99.5	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.55		1.588		97.3	85.1	111		0		

Sample ID: **2008281-014BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/26/2020** RunNo: **61423**
Client ID: **SW-DUP-1-N** Batch ID: **29477** Analysis Date: **8/26/2020** SeqNo: **1232307**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.14	0.0248	1.242	0	91.6	49.5	138				
1,1-Dichloroethene	0.884	0.0248	1.242	0	71.2	55	138				
trans-1,2-Dichloroethene	1.14	0.0248	1.242	0	91.8	73.1	121				
cis-1,2-Dichloroethene	1.18	0.0248	1.242	0	95.2	71.8	122				
Trichloroethene (TCE)	1.16	0.0248	1.242	0	93.3	70.1	129				
Tetrachloroethene (PCE)	1.65	0.0248	1.242	0.5750	86.7	71.1	122				
Surr: Dibromofluoromethane	1.58		1.553		102	83.3	111				
Surr: Toluene-d8	1.53		1.553		98.8	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.58		1.553		102	85.1	111				

Sample ID: **2008281-014BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/26/2020** RunNo: **61423**
Client ID: **SW-DUP-1-N** Batch ID: **29477** Analysis Date: **8/27/2020** SeqNo: **1232308**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.25	0.0248	1.242	0	101	49.5	138	1.138	9.78	30	
1,1-Dichloroethene	0.963	0.0248	1.242	0	77.5	55	138	0.8839	8.54	30	

Work Order: 2008281
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008281-014BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/26/2020** RunNo: **61423**
Client ID: **SW-DUP-1-N** Batch ID: **29477** Analysis Date: **8/27/2020** SeqNo: **1232308**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.23	0.0248	1.242	0	99.4	73.1	121	1.140	7.95	30	
cis-1,2-Dichloroethene	1.26	0.0248	1.242	0	102	71.8	122	1.182	6.73	30	
Trichloroethene (TCE)	1.22	0.0248	1.242	0	98.5	70.1	129	1.159	5.38	30	
Tetrachloroethene (PCE)	1.78	0.0248	1.242	0.5750	96.8	71.1	122	1.652	7.29	30	
Surr: Dibromofluoromethane	1.58		1.553		102	83.3	111		0		
Surr: Toluene-d8	1.54		1.553		99.2	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.58		1.553		102	85.1	111		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2008281**
Logged by:	**Carissa True**	Date Received:	**8/20/2020 3:57:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☐	No	☑	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☑	No	☐	NA ☐

Person Notified:	Andrew Yonkofski	Date:	8/21/2020
By Whom:	Carissa True / Clare Grigg	Via:	☑ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	Confirm whether sample 1 needs to be run. See below.		
Client Instructions:	Hold		

19. Additional remarks:

Received 2 x jars and 4 x MeOH VOAs for SW-P14-77-N. One jar and two VOAs have the sample time of 7:30 which matches the COC. The second jar has a sample time of 13:30 (which doesn't match the COC) and the two other VOAs have no sample time at all.

Item Information

Item #	Temp ºC
Sample 1	5.1

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 8/19/20 Page: 1 of: 2

Laboratory Project No (internal): 2008281

Project Name: Maddux North

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave Suite 550

Collected by: Kristin Beck

City, State, Zip: Seattle, WA 98104

Location: Seattle, WA

Telephone:

Report To (PM): Andrew Yonkofski et.al

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 60 days)

Fax:

PM Email: ayonkofski@aspect... kbeck@aspect... jsmith@aspect...

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs	extract &	Comments
1 SW-P14-77-N	8/19/20	0730	S												X			Please hold
2 SW-P40-74-N		0746													X			
3 SW-P38-75-N		0745													X			
4 SW-P36-76-N		0755													X			
5 SW-P24-86-N		1149													X			
6 SW-P22-87-N		1155													X			
7 SW-P20-86-N		1200													X			
8 SW-P18-82-N		1220													X			5 DAY TAT
9 SW-P16-82-N		1325													X			Please hold, no extraction
10 SW-P12-77-N	8/20/20	0825	S															Please hold, no extraction

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Kat Beck	8/20/20	x [signature]	8/20/20 1515
Relinquished	Date/Time	Received	Date/Time
x		x [signature]	8/20/20 @ 1557

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 8/19/20 & 8/20/20 Page: 2 of:

Project Name: Maddux North

Laboratory Project No (internal): 20082781

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Suite 550

Collected by: Kristin Beck

City, State, Zip: Seattle, WA 98104

Location: Seattle, WA

Telephone:

Report To (PM): Andrew Yonkofski et al

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspect... kbeck@aspect... jsmith@aspect...

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs				Comments
1	SW-P22-82-N	8/20/20	1156	S													X					
2	SW-P20-82-N	"	1201	"													X					
3	SW-P24-82-N	"	1205	"													X					
4	SW-DUP-1-N	"	1212	"													X					
5																						
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Kristin Beck	8/20/20	x [signature]	8/20/20 15:15
Relinquished	Date/Time	Received	Date/Time
x		x [signature]	8/20/20 @ 1557

Turn-around Time:

- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2008319

August 31, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 10 sample(s) on 8/24/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Date: *08/31/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2008319

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2008319-001	SW-P22-82-N	08/24/2020 8:50 AM	08/24/2020 12:50 PM
2008319-002	SW-P24-82-N	08/24/2020 9:05 AM	08/24/2020 12:50 PM
2008319-003	SW-P26-77-N	08/24/2020 10:10 AM	08/24/2020 12:50 PM
2008319-004	SW-P28-77-N	08/24/2020 10:25 AM	08/24/2020 12:50 PM
2008319-005	SW-P30-77-N	08/24/2020 10:45 AM	08/24/2020 12:50 PM
2008319-006	SW-P32-77-N	08/24/2020 10:55 AM	08/24/2020 12:50 PM
2008319-007	SW-P34-77-N	08/24/2020 11:10 AM	08/24/2020 12:50 PM
2008319-008	SW-P36-72-N	08/24/2020 11:30 AM	08/24/2020 12:50 PM
2008319-009	SW-P38-72-N	08/24/2020 11:40 AM	08/24/2020 12:50 PM
2008319-010	TRIP- 20200824	08/21/2020 11:51 AM	08/24/2020 12:50 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2008319**
Date: **8/31/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008319-003 **Collection Date:** 8/24/2020 10:10:00 AM
Client Sample ID: **SW-P26-77-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29513		Analyst: KT
Vinyl chloride	ND	0.0200		mg/Kg-dry	1	8/28/2020 8:18:14 PM
1,1-Dichloroethene	ND	0.0200		mg/Kg-dry	1	8/28/2020 8:18:14 PM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg-dry	1	8/28/2020 8:18:14 PM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg-dry	1	8/28/2020 8:18:14 PM
Trichloroethene (TCE)	ND	0.0200		mg/Kg-dry	1	8/28/2020 8:18:14 PM
Tetrachloroethene (PCE)	0.231	0.0200		mg/Kg-dry	1	8/28/2020 8:18:14 PM
Surr: Dibromofluoromethane	105	83.3 - 111		%Rec	1	8/28/2020 8:18:14 PM
Surr: Toluene-d8	95.8	87.9 - 111		%Rec	1	8/28/2020 8:18:14 PM
Surr: 1-Bromo-4-fluorobenzene	97.5	85.1 - 111		%Rec	1	8/28/2020 8:18:14 PM
Sample Moisture (Percent Moisture)				Batch ID: R61406		Analyst: EH
Percent Moisture	14.9	0.500		wt%	1	8/27/2020 8:18:27 AM

Lab ID: 2008319-004 **Collection Date:** 8/24/2020 10:25:00 AM
Client Sample ID: **SW-P28-77-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29513		Analyst: KT
Vinyl chloride	ND	0.0188		mg/Kg-dry	1	8/28/2020 8:48:22 PM
1,1-Dichloroethene	ND	0.0188		mg/Kg-dry	1	8/28/2020 8:48:22 PM
trans-1,2-Dichloroethene	ND	0.0188		mg/Kg-dry	1	8/28/2020 8:48:22 PM
cis-1,2-Dichloroethene	0.0379	0.0188		mg/Kg-dry	1	8/28/2020 8:48:22 PM
Trichloroethene (TCE)	0.0233	0.0188		mg/Kg-dry	1	8/28/2020 8:48:22 PM
Tetrachloroethene (PCE)	0.336	0.0188		mg/Kg-dry	1	8/28/2020 8:48:22 PM
Surr: Dibromofluoromethane	104	83.3 - 111		%Rec	1	8/28/2020 8:48:22 PM
Surr: Toluene-d8	96.4	87.9 - 111		%Rec	1	8/28/2020 8:48:22 PM
Surr: 1-Bromo-4-fluorobenzene	96.0	85.1 - 111		%Rec	1	8/28/2020 8:48:22 PM
Sample Moisture (Percent Moisture)				Batch ID: R61406		Analyst: EH
Percent Moisture	7.84	0.500		wt%	1	8/27/2020 8:18:27 AM

Analytical Report

Work Order: **2008319**
Date Reported: **8/31/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008319-005 **Collection Date:** 8/24/2020 10:45:00 AM
Client Sample ID: **SW-P30-77-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29513		Analyst: KT
Vinyl chloride	ND	0.0224		mg/Kg-dry	1	8/28/2020 9:18:30 PM
1,1-Dichloroethene	ND	0.0224		mg/Kg-dry	1	8/28/2020 9:18:30 PM
trans-1,2-Dichloroethene	ND	0.0224		mg/Kg-dry	1	8/28/2020 9:18:30 PM
cis-1,2-Dichloroethene	ND	0.0224		mg/Kg-dry	1	8/28/2020 9:18:30 PM
Trichloroethene (TCE)	ND	0.0224		mg/Kg-dry	1	8/28/2020 9:18:30 PM
Tetrachloroethene (PCE)	0.386	0.0224		mg/Kg-dry	1	8/28/2020 9:18:30 PM
Surr: Dibromofluoromethane	108	83.3 - 111		%Rec	1	8/28/2020 9:18:30 PM
Surr: Toluene-d8	99.8	87.9 - 111		%Rec	1	8/28/2020 9:18:30 PM
Surr: 1-Bromo-4-fluorobenzene	97.3	85.1 - 111		%Rec	1	8/28/2020 9:18:30 PM
Sample Moisture (Percent Moisture)				Batch ID: R61406		Analyst: EH
Percent Moisture	10.3	0.500		wt%	1	8/27/2020 8:18:27 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008319-006 **Collection Date:** 8/24/2020 10:55:00 AM
Client Sample ID: **SW-P32-77-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29513		Analyst: KT
Vinyl chloride	ND	0.0224		mg/Kg-dry	1	8/28/2020 9:48:38 PM
1,1-Dichloroethene	ND	0.0224		mg/Kg-dry	1	8/28/2020 9:48:38 PM
trans-1,2-Dichloroethene	ND	0.0224		mg/Kg-dry	1	8/28/2020 9:48:38 PM
cis-1,2-Dichloroethene	ND	0.0224		mg/Kg-dry	1	8/28/2020 9:48:38 PM
Trichloroethene (TCE)	ND	0.0224		mg/Kg-dry	1	8/28/2020 9:48:38 PM
Tetrachloroethene (PCE)	ND	0.0224		mg/Kg-dry	1	8/28/2020 9:48:38 PM
Surr: Dibromofluoromethane	108	83.3 - 111		%Rec	1	8/28/2020 9:48:38 PM
Surr: Toluene-d8	99.5	87.9 - 111		%Rec	1	8/28/2020 9:48:38 PM
Surr: 1-Bromo-4-fluorobenzene	96.9	85.1 - 111		%Rec	1	8/28/2020 9:48:38 PM
Sample Moisture (Percent Moisture)				Batch ID: R61406		Analyst: EH
Percent Moisture	12.2	0.500		wt%	1	8/27/2020 8:18:27 AM

Lab ID: 2008319-007 **Collection Date:** 8/24/2020 11:10:00 AM
Client Sample ID: **SW-P34-77-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29513		Analyst: KT
Vinyl chloride	ND	0.0201		mg/Kg-dry	1	8/28/2020 10:18:46 PM
1,1-Dichloroethene	ND	0.0201		mg/Kg-dry	1	8/28/2020 10:18:46 PM
trans-1,2-Dichloroethene	ND	0.0201		mg/Kg-dry	1	8/28/2020 10:18:46 PM
cis-1,2-Dichloroethene	ND	0.0201		mg/Kg-dry	1	8/28/2020 10:18:46 PM
Trichloroethene (TCE)	ND	0.0201		mg/Kg-dry	1	8/28/2020 10:18:46 PM
Tetrachloroethene (PCE)	0.0451	0.0201		mg/Kg-dry	1	8/28/2020 10:18:46 PM
Surr: Dibromofluoromethane	105	83.3 - 111		%Rec	1	8/28/2020 10:18:46 PM
Surr: Toluene-d8	98.8	87.9 - 111		%Rec	1	8/28/2020 10:18:46 PM
Surr: 1-Bromo-4-fluorobenzene	97.6	85.1 - 111		%Rec	1	8/28/2020 10:18:46 PM
Sample Moisture (Percent Moisture)				Batch ID: R61406		Analyst: EH
Percent Moisture	13.4	0.500		wt%	1	8/27/2020 8:18:27 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008319-008 **Collection Date:** 8/24/2020 11:30:00 AM
Client Sample ID: **SW-P36-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29513		Analyst: KT
Vinyl chloride	ND	0.0183		mg/Kg-dry	1	8/28/2020 10:48:53 PM
1,1-Dichloroethene	ND	0.0183		mg/Kg-dry	1	8/28/2020 10:48:53 PM
trans-1,2-Dichloroethene	ND	0.0183		mg/Kg-dry	1	8/28/2020 10:48:53 PM
cis-1,2-Dichloroethene	ND	0.0183		mg/Kg-dry	1	8/28/2020 10:48:53 PM
Trichloroethene (TCE)	ND	0.0183		mg/Kg-dry	1	8/28/2020 10:48:53 PM
Tetrachloroethene (PCE)	0.112	0.0183		mg/Kg-dry	1	8/28/2020 10:48:53 PM
Surr: Dibromofluoromethane	106	83.3 - 111		%Rec	1	8/28/2020 10:48:53 PM
Surr: Toluene-d8	98.8	87.9 - 111		%Rec	1	8/28/2020 10:48:53 PM
Surr: 1-Bromo-4-fluorobenzene	99.2	85.1 - 111		%Rec	1	8/28/2020 10:48:53 PM
Sample Moisture (Percent Moisture)				Batch ID: R61406		Analyst: EH
Percent Moisture	15.8	0.500		wt%	1	8/27/2020 8:18:27 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008319-009 **Collection Date:** 8/24/2020 11:40:00 AM
Client Sample ID: **SW-P38-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29513		Analyst: KT
Vinyl chloride	ND	0.0242		mg/Kg-dry	1	8/28/2020 11:19:00 PM
1,1-Dichloroethene	ND	0.0242		mg/Kg-dry	1	8/28/2020 11:19:00 PM
trans-1,2-Dichloroethene	ND	0.0242		mg/Kg-dry	1	8/28/2020 11:19:00 PM
cis-1,2-Dichloroethene	ND	0.0242		mg/Kg-dry	1	8/28/2020 11:19:00 PM
Trichloroethene (TCE)	ND	0.0242		mg/Kg-dry	1	8/28/2020 11:19:00 PM
Tetrachloroethene (PCE)	0.0618	0.0242		mg/Kg-dry	1	8/28/2020 11:19:00 PM
Surr: Dibromofluoromethane	106	83.3 - 111		%Rec	1	8/28/2020 11:19:00 PM
Surr: Toluene-d8	98.1	87.9 - 111		%Rec	1	8/28/2020 11:19:00 PM
Surr: 1-Bromo-4-fluorobenzene	98.2	85.1 - 111		%Rec	1	8/28/2020 11:19:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R61429		Analyst: EH
Percent Moisture	9.08	0.500		wt%	1	8/27/2020 1:15:31 PM

Lab ID: 2008319-010 **Collection Date:** 8/21/2020 11:51:00 AM
Client Sample ID: **TRIP- 20200824** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29513		Analyst: KT
Vinyl chloride	ND	0.0200		mg/Kg	1	8/28/2020 7:48:06 PM
1,1-Dichloroethene	ND	0.0200		mg/Kg	1	8/28/2020 7:48:06 PM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	8/28/2020 7:48:06 PM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	8/28/2020 7:48:06 PM
Trichloroethene (TCE)	ND	0.0200		mg/Kg	1	8/28/2020 7:48:06 PM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg	1	8/28/2020 7:48:06 PM
Surr: Dibromofluoromethane	104	83.3 - 111		%Rec	1	8/28/2020 7:48:06 PM
Surr: Toluene-d8	96.7	87.9 - 111		%Rec	1	8/28/2020 7:48:06 PM
Surr: 1-Bromo-4-fluorobenzene	98.1	85.1 - 111		%Rec	1	8/28/2020 7:48:06 PM

Work Order: 2008319
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29513** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/28/2020** RunNo: **61494**
Client ID: **LCSS** Batch ID: **29513** Analysis Date: **8/28/2020** SeqNo: **1233853**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.969	0.0200	1.000	0	96.9	53.6	138				
1,1-Dichloroethene	0.967	0.0200	1.000	0	96.7	66	133				
trans-1,2-Dichloroethene	0.900	0.0200	1.000	0	90.0	79.6	115				
cis-1,2-Dichloroethene	0.924	0.0200	1.000	0	92.4	77.8	115				
Trichloroethene (TCE)	0.925	0.0200	1.000	0	92.5	79.6	118				
Tetrachloroethene (PCE)	0.930	0.0200	1.000	0	93.0	78.8	119				
Surr: Dibromofluoromethane	1.25		1.250		99.7	83.3	111				
Surr: Toluene-d8	1.22		1.250		97.8	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.250		99.2	85.1	111				

Sample ID: **MB-29513** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/28/2020** RunNo: **61494**
Client ID: **MBLKS** Batch ID: **29513** Analysis Date: **8/28/2020** SeqNo: **1233854**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.23		1.250		98.1	83.3	111				
Surr: Toluene-d8	1.20		1.250		96.1	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.22		1.250		97.6	85.1	111				

Sample ID: **2008319-009BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/28/2020** RunNo: **61494**
Client ID: **SW-P38-72-N** Batch ID: **29513** Analysis Date: **8/28/2020** SeqNo: **1233838**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0242						0		30	

Work Order: 2008319
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008319-009BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/28/2020** RunNo: **61494**
Client ID: **SW-P38-72-N** Batch ID: **29513** Analysis Date: **8/28/2020** SeqNo: **1233838**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0242						0		30	
trans-1,2-Dichloroethene	ND	0.0242						0		30	
cis-1,2-Dichloroethene	ND	0.0242						0		30	
Trichloroethene (TCE)	ND	0.0242						0		30	
Tetrachloroethene (PCE)	0.0552	0.0242						0.06182	11.3	30	
Surr: Dibromofluoromethane	1.56		1.511		103	83.3	111		0		
Surr: Toluene-d8	1.49		1.511		98.7	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.46		1.511		96.7	85.1	111		0		

Sample ID: **2008320-002BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/28/2020** RunNo: **61494**
Client ID: **BATCH** Batch ID: **29513** Analysis Date: **8/29/2020** SeqNo: **1233841**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0218						0		30	
1,1-Dichloroethene	ND	0.0218						0		30	
trans-1,2-Dichloroethene	ND	0.0218						0		30	
cis-1,2-Dichloroethene	ND	0.0218						0		30	
Trichloroethene (TCE)	ND	0.0218						0		30	
Tetrachloroethene (PCE)	ND	0.0218						0		30	
Surr: Dibromofluoromethane	1.39		1.363		102	83.3	111		0		
Surr: Toluene-d8	1.35		1.363		98.8	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.31		1.363		95.9	85.1	111		0		

Sample ID: **2008337-018BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **8/28/2020** RunNo: **61494**
Client ID: **BATCH** Batch ID: **29513** Analysis Date: **8/29/2020** SeqNo: **1233848**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.790	0.0173	0.8628	0	91.5	49.5	138				
1,1-Dichloroethene	0.782	0.0173	0.8628	0	90.6	55	138				

Work Order: 2008319
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008337-018BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **8/28/2020** RunNo: **61494**
Client ID: **BATCH** Batch ID: **29513** Analysis Date: **8/29/2020** SeqNo: **1233848**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	0.835	0.0173	0.8628	0	96.7	73.1	121				
cis-1,2-Dichloroethene	0.850	0.0173	0.8628	0	98.5	71.8	122				
Trichloroethene (TCE)	0.849	0.0173	0.8628	0	98.4	70.1	129				
Tetrachloroethene (PCE)	0.787	0.0173	0.8628	0	91.3	71.1	122				
Surr: Dibromofluoromethane	1.17		1.078		109	83.3	111				
Surr: Toluene-d8	1.11		1.078		103	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.08		1.078		100	85.1	111				

Sample ID: **2008337-018BMSD** SampType: **MSD** Units: **mg/Kg** Prep Date: **8/28/2020** RunNo: **61494**
Client ID: **BATCH** Batch ID: **29513** Analysis Date: **8/29/2020** SeqNo: **1233849**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.668	0.0173	0.8628	0	77.5	49.5	138	0.7896	16.6	30	
1,1-Dichloroethene	0.672	0.0173	0.8628	0	77.8	55	138	0.7820	15.2	30	
trans-1,2-Dichloroethene	0.715	0.0173	0.8628	0	82.8	73.1	121	0.8347	15.5	30	
cis-1,2-Dichloroethene	0.733	0.0173	0.8628	0	84.9	71.8	122	0.8496	14.8	30	
Trichloroethene (TCE)	0.751	0.0173	0.8628	0	87.0	70.1	129	0.8487	12.2	30	
Tetrachloroethene (PCE)	0.694	0.0173	0.8628	0	80.5	71.1	122	0.7873	12.5	30	
Surr: Dibromofluoromethane	1.12		1.078		104	83.3	111		0		
Surr: Toluene-d8	1.10		1.078		102	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.08		1.078		100	85.1	111		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2008319**
Logged by:	**Gabrielle Coeuille**	Date Received:	**8/24/2020 12:50:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	5.3

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 8/24/20 Page: 1 of:

Laboratory Project No (internal): 2008319

Project Name: Maddux North

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 Second Ave, #550

Collected by: Andrew Yonkofski

City, State, Zip: Seattle, WA 98104

Location: Maddux North

Telephone: 404-272-3488

Report To (PM): Andrew Yonkofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@gmail.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs (8260)	Comments
1	SW-P22-82-N	08/24/20	0850	S												X		
2	SW-P24-82-N	08/24/20	0905	S												X		
3	SW-P26-77-N		1010													X		
4	SW-P28-77-N		1025													X		
5	SW-P30-77-N		1045													X		
6	SW-P32-77-N		1055													X		
7	SW-P34-77-N		1110													X		
8	SW-P36-72-N		1130													X		
9	SW-P38-72-N	↓	1140	↓												X		
10	TRIP-20200824	7/21/20	1151	W												X		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	8/24/20 1250	x [signature]	8/24/20 17:50
Relinquished x	Date/Time	Received x	Date/Time

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 8/24/20 Page: 1 of:

Laboratory Project No (internal): 2008319

Special Remarks: edits per AY 8/27/20 -CG

Project Name: Maddux North

Project No: 160324

Client: Aspect Consulting

Address: 710 Second Ave, #550

City, State, Zip: Seattle, WA 98104

Telephone: 404-272-3488

Fax:

Collected by: Andrew Yonkofski

Location: Maddux North

Report To (PM): Andrew Yonkofski

PM Email: ayonkofski@gmail.com

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs (8260)			Comments
1	SW-P22-82-N	08/24/20	0850	S												X				Do not analyze and hold. 8/27/20
2	SW-P24-82-N	08/24/20	0905	S												X				Do not analyze and hold. 8/27/20
3	SW-P26-77-N		1010													X				
4	SW-P28-77-N		1025													X				
5	SW-P30-77-N		1045													X				
6	SW-P32-77-N		1055													X				
7	SW-P34-77-N		1110													X				
8	SW-P36-72-N		1130													X				
9	SW-P38-72-N	↓	1140	↓												X				
10	TRIP-20200824	7/21/20	1151	W												X				

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished x	Date/Time 8/24/20 1250	Received x	Date/Time 8/24/20 17:50
Relinquished x	Date/Time	Received x	Date/Time

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2008338

September 01, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 8 sample(s) on 8/25/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Date: *09/01/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2008338

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2008338-001	SW-P20-82-N	08/24/2020 1:00 PM	08/25/2020 1:49 PM
2008338-002	SW-P40-72-N	08/24/2020 1:20 PM	08/25/2020 1:49 PM
2008338-003	SW-P42-72-N	08/24/2020 1:35 PM	08/25/2020 1:49 PM
2008338-004	SW-P44-72-N	08/24/2020 1:45 PM	08/25/2020 1:49 PM
2008338-005	TRIP- 20200825	08/21/2020 11:51 AM	08/25/2020 1:49 PM
2008338-006	SW-P42-67-N	08/25/2020 9:30 AM	08/25/2020 1:49 PM
2008338-007	SW-P44-67-N	08/25/2020 9:45 AM	08/25/2020 1:49 PM
2008338-008	SW-P46-67-N	08/25/2020 9:55 AM	08/25/2020 1:49 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2008338**
Date: **9/1/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008338-001 **Collection Date:** 8/24/2020 1:00:00 PM
Client Sample ID: **SW-P20-82-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29520		Analyst: CR
Vinyl chloride	ND	0.0255		mg/Kg-dry	1	8/31/2020 10:43:17 AM
1,1-Dichloroethene	ND	0.0255		mg/Kg-dry	1	8/31/2020 10:43:17 AM
trans-1,2-Dichloroethene	ND	0.0255		mg/Kg-dry	1	8/31/2020 10:43:17 AM
cis-1,2-Dichloroethene	ND	0.0255		mg/Kg-dry	1	8/31/2020 10:43:17 AM
Trichloroethene (TCE)	ND	0.0255		mg/Kg-dry	1	8/31/2020 10:43:17 AM
Tetrachloroethene (PCE)	0.622	0.0255		mg/Kg-dry	1	8/31/2020 10:43:17 AM
Surr: Dibromofluoromethane	102	83.3 - 111		%Rec	1	8/31/2020 10:43:17 AM
Surr: Toluene-d8	99.7	87.9 - 111		%Rec	1	8/31/2020 10:43:17 AM
Surr: 1-Bromo-4-fluorobenzene	99.9	85.1 - 111		%Rec	1	8/31/2020 10:43:17 AM
Sample Moisture (Percent Moisture)				Batch ID: R61459		Analyst: MM
Percent Moisture	13.6	0.500		wt%	1	8/28/2020 9:34:01 AM

Lab ID: 2008338-002 **Collection Date:** 8/24/2020 1:20:00 PM
Client Sample ID: **SW-P40-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29520		Analyst: CR
Vinyl chloride	ND	0.0228		mg/Kg-dry	1	8/31/2020 11:43:31 AM
1,1-Dichloroethene	ND	0.0228		mg/Kg-dry	1	8/31/2020 11:43:31 AM
trans-1,2-Dichloroethene	ND	0.0228		mg/Kg-dry	1	8/31/2020 11:43:31 AM
cis-1,2-Dichloroethene	ND	0.0228		mg/Kg-dry	1	8/31/2020 11:43:31 AM
Trichloroethene (TCE)	ND	0.0228		mg/Kg-dry	1	8/31/2020 11:43:31 AM
Tetrachloroethene (PCE)	0.115	0.0228		mg/Kg-dry	1	8/31/2020 11:43:31 AM
Surr: Dibromofluoromethane	106	83.3 - 111		%Rec	1	8/31/2020 11:43:31 AM
Surr: Toluene-d8	101	87.9 - 111		%Rec	1	8/31/2020 11:43:31 AM
Surr: 1-Bromo-4-fluorobenzene	96.3	85.1 - 111		%Rec	1	8/31/2020 11:43:31 AM
Sample Moisture (Percent Moisture)				Batch ID: R61459		Analyst: MM
Percent Moisture	12.4	0.500		wt%	1	8/28/2020 9:34:01 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008338-005 **Collection Date:** 8/21/2020 11:51:00 AM
Client Sample ID: **TRIP- 20200825** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29520		Analyst: CR
Vinyl chloride	ND	0.0200		mg/Kg	1	8/31/2020 9:43:04 AM
1,1-Dichloroethene	ND	0.0200		mg/Kg	1	8/31/2020 9:43:04 AM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	8/31/2020 9:43:04 AM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	8/31/2020 9:43:04 AM
Trichloroethene (TCE)	ND	0.0200		mg/Kg	1	8/31/2020 9:43:04 AM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg	1	8/31/2020 9:43:04 AM
Surr: Dibromofluoromethane	103	83.3 - 111		%Rec	1	8/31/2020 9:43:04 AM
Surr: Toluene-d8	100	87.9 - 111		%Rec	1	8/31/2020 9:43:04 AM
Surr: 1-Bromo-4-fluorobenzene	96.5	85.1 - 111		%Rec	1	8/31/2020 9:43:04 AM

Lab ID: 2008338-006 **Collection Date:** 8/25/2020 9:30:00 AM
Client Sample ID: **SW-P42-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29520		Analyst: CR
Vinyl chloride	ND	0.0184		mg/Kg-dry	1	8/31/2020 5:24:01 PM
1,1-Dichloroethene	ND	0.0184		mg/Kg-dry	1	8/31/2020 5:24:01 PM
trans-1,2-Dichloroethene	ND	0.0184		mg/Kg-dry	1	8/31/2020 5:24:01 PM
cis-1,2-Dichloroethene	ND	0.0184		mg/Kg-dry	1	8/31/2020 5:24:01 PM
Trichloroethene (TCE)	ND	0.0184		mg/Kg-dry	1	8/31/2020 5:24:01 PM
Tetrachloroethene (PCE)	0.0396	0.0184		mg/Kg-dry	1	8/31/2020 5:24:01 PM
Surr: Dibromofluoromethane	104	83.3 - 111		%Rec	1	8/31/2020 5:24:01 PM
Surr: Toluene-d8	99.4	87.9 - 111		%Rec	1	8/31/2020 5:24:01 PM
Surr: 1-Bromo-4-fluorobenzene	97.9	85.1 - 111		%Rec	1	8/31/2020 5:24:01 PM
Sample Moisture (Percent Moisture)				Batch ID: R61459		Analyst: MM
Percent Moisture	13.9	0.500		wt%	1	8/28/2020 9:34:01 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008338-007 **Collection Date:** 8/25/2020 9:45:00 AM
Client Sample ID: **SW-P44-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29520		Analyst: CR
Vinyl chloride	ND	0.0175		mg/Kg-dry	1	8/31/2020 5:54:08 PM
1,1-Dichloroethene	ND	0.0175		mg/Kg-dry	1	8/31/2020 5:54:08 PM
trans-1,2-Dichloroethene	ND	0.0175		mg/Kg-dry	1	8/31/2020 5:54:08 PM
cis-1,2-Dichloroethene	ND	0.0175		mg/Kg-dry	1	8/31/2020 5:54:08 PM
Trichloroethene (TCE)	0.0890	0.0175		mg/Kg-dry	1	8/31/2020 5:54:08 PM
Tetrachloroethene (PCE)	2.03	0.175	D	mg/Kg-dry	10	9/1/2020 7:51:48 AM
Surr: Dibromofluoromethane	109	83.3 - 111		%Rec	1	8/31/2020 5:54:08 PM
Surr: Toluene-d8	101	87.9 - 111		%Rec	1	8/31/2020 5:54:08 PM
Surr: 1-Bromo-4-fluorobenzene	98.2	85.1 - 111		%Rec	1	8/31/2020 5:54:08 PM
Sample Moisture (Percent Moisture)				Batch ID: R61459		Analyst: MM
Percent Moisture	14.0	0.500		wt%	1	8/28/2020 9:34:01 AM

Lab ID: 2008338-008 **Collection Date:** 8/25/2020 9:55:00 AM
Client Sample ID: **SW-P46-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29520		Analyst: CR
Vinyl chloride	ND	0.0212		mg/Kg-dry	1	8/31/2020 6:24:15 PM
1,1-Dichloroethene	ND	0.0212		mg/Kg-dry	1	8/31/2020 6:24:15 PM
trans-1,2-Dichloroethene	ND	0.0212		mg/Kg-dry	1	8/31/2020 6:24:15 PM
cis-1,2-Dichloroethene	ND	0.0212		mg/Kg-dry	1	8/31/2020 6:24:15 PM
Trichloroethene (TCE)	ND	0.0212		mg/Kg-dry	1	8/31/2020 6:24:15 PM
Tetrachloroethene (PCE)	0.267	0.0212		mg/Kg-dry	1	8/31/2020 6:24:15 PM
Surr: Dibromofluoromethane	110	83.3 - 111		%Rec	1	8/31/2020 6:24:15 PM
Surr: Toluene-d8	102	87.9 - 111		%Rec	1	8/31/2020 6:24:15 PM
Surr: 1-Bromo-4-fluorobenzene	97.7	85.1 - 111		%Rec	1	8/31/2020 6:24:15 PM
Sample Moisture (Percent Moisture)				Batch ID: R61512		Analyst: CA
Percent Moisture	21.9	0.500		wt%	1	8/31/2020 2:01:02 PM

Analytical Report

Work Order: **2008338**
Date Reported: **9/1/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Work Order: 2008338
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29520** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/31/2020** RunNo: **61519**
Client ID: **LCSS** Batch ID: **29520** Analysis Date: **8/31/2020** SeqNo: **1234237**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.888	0.0200	1.000	0	88.8	53.6	138				
1,1-Dichloroethene	0.853	0.0200	1.000	0	85.3	66	133				
trans-1,2-Dichloroethene	0.839	0.0200	1.000	0	83.9	79.6	115				
cis-1,2-Dichloroethene	0.858	0.0200	1.000	0	85.8	77.8	115				
Trichloroethene (TCE)	0.863	0.0200	1.000	0	86.3	79.6	118				
Tetrachloroethene (PCE)	0.860	0.0200	1.000	0	86.0	78.8	119				
Surr: Dibromofluoromethane	1.31		1.250		104	83.3	111				
Surr: Toluene-d8	1.27		1.250		102	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		99.9	85.1	111				

Sample ID: **MB-29520** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/31/2020** RunNo: **61519**
Client ID: **MBLKS** Batch ID: **29520** Analysis Date: **8/31/2020** SeqNo: **1234238**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.25		1.250		100	83.3	111				
Surr: Toluene-d8	1.24		1.250		99.1	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.21		1.250		96.8	85.1	111				

Sample ID: **2008338-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/31/2020** RunNo: **61519**
Client ID: **SW-P20-82-N** Batch ID: **29520** Analysis Date: **8/31/2020** SeqNo: **1234227**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0255						0		30	

Work Order: 2008338
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008338-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/31/2020** RunNo: **61519**
Client ID: **SW-P20-82-N** Batch ID: **29520** Analysis Date: **8/31/2020** SeqNo: **1234227**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0255						0		30	
trans-1,2-Dichloroethene	ND	0.0255						0		30	
cis-1,2-Dichloroethene	ND	0.0255						0		30	
Trichloroethene (TCE)	ND	0.0255						0		30	
Tetrachloroethene (PCE)	0.612	0.0255						0.6219	1.67	30	
Surr: Dibromofluoromethane	1.62		1.596		101	83.3	111		0		
Surr: Toluene-d8	1.62		1.596		101	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.56		1.596		97.6	85.1	111		0		

Sample ID: **2008338-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/31/2020** RunNo: **61519**
Client ID: **SW-P40-72-N** Batch ID: **29520** Analysis Date: **8/31/2020** SeqNo: **1234229**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.04	0.0228	1.139	0	91.2	49.5	138				
1,1-Dichloroethene	1.08	0.0228	1.139	0	94.5	55	138				
trans-1,2-Dichloroethene	1.04	0.0228	1.139	0	90.9	73.1	121				
cis-1,2-Dichloroethene	1.01	0.0228	1.139	0	88.7	71.8	122				
Trichloroethene (TCE)	1.05	0.0228	1.139	0	92.0	70.1	129				
Tetrachloroethene (PCE)	1.16	0.0228	1.139	0.1154	91.7	71.1	122				
Surr: Dibromofluoromethane	1.51		1.423		106	83.3	111				
Surr: Toluene-d8	1.47		1.423		103	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.44		1.423		101	85.1	111				

Sample ID: **2008338-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/31/2020** RunNo: **61519**
Client ID: **SW-P40-72-N** Batch ID: **29520** Analysis Date: **8/31/2020** SeqNo: **1234292**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.01	0.0228	1.139	0	88.3	49.5	138	1.038	3.24	30	
1,1-Dichloroethene	1.02	0.0228	1.139	0	89.6	55	138	1.076	5.33	30	

Work Order: 2008338
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008338-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/31/2020** RunNo: **61519**
Client ID: **SW-P40-72-N** Batch ID: **29520** Analysis Date: **8/31/2020** SeqNo: **1234292**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.01	0.0228	1.139	0	88.7	73.1	121	1.035	2.45	30	
cis-1,2-Dichloroethene	0.994	0.0228	1.139	0	87.3	71.8	122	1.010	1.55	30	
Trichloroethene (TCE)	1.04	0.0228	1.139	0	91.1	70.1	129	1.048	1.04	30	
Tetrachloroethene (PCE)	1.14	0.0228	1.139	0.1154	89.9	71.1	122	1.159	1.81	30	
Surr: Dibromofluoromethane	1.53		1.423		107	83.3	111		0		
Surr: Toluene-d8	1.48		1.423		104	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.43		1.423		100	85.1	111		0		

Sample ID: **2008348-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/31/2020** RunNo: **61519**
Client ID: **BATCH** Batch ID: **29520** Analysis Date: **8/31/2020** SeqNo: **1234529**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.166						0		30	D
1,1-Dichloroethene	ND	0.166						0		30	D
trans-1,2-Dichloroethene	ND	0.166						0		30	D
cis-1,2-Dichloroethene	ND	0.166						0		30	D
Trichloroethene (TCE)	ND	0.166						0		30	D
Tetrachloroethene (PCE)	ND	0.166						0		30	D
Surr: Dibromofluoromethane	11.0		10.34		106	83.3	111		0		D
Surr: Toluene-d8	10.5		10.34		102	87.9	111		0		D
Surr: 1-Bromo-4-fluorobenzene	13.1		12.41		106	85.1	111		0		D

NOTES:
Diluted due to matrix.

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2008338**
Logged by:	**Gabrielle Coeuille**	Date Received:	**8/25/2020 1:49:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	2.8

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 08/24/20 Page: 1 of:

Laboratory Project No (internal): 2008338

Special Remarks:

Project Name: 160324 (A4)

Project No: Maddux North

Client: Aspect Consulting

Address: 710 2nd Ave, #550

City, State, Zip: Seattle, WA 98104

Telephone: 404-272-3488

Fax:

Collected by: Andrew Yankofski

Location: Maddux North

Report To (PM): Andrew Yankofski et al

PM Email: ayankofski@gmail.com

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs (8260) Extract & Hold				Comments
1	SW-P20-82-N	8/24/20	1300	S													X					
2	SW-P40-72-N		1320														X					
3	SW-P42-72-N		1335															X				
4	SW-P44-72-N		1345															X				
5	TRIP-20200825	7/21/20	1151	W													X					
6	SW-P42-67-N	08/25/20	0930	S													X					
7	SW-P44-67-N		0945	S													X					
8	SW-P46-67-N		0955	S													X					
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	8/25/20 1005	x Kat Beck	8/25/20 1005
Relinquished x Kat Beck	Date/Time 8/25/20	Received x [signature]	Date/Time 8/25/20 13:49

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2008416

August 31, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 4 sample(s) on 8/31/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Date: *08/31/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2008416

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2008416-001	HW-P24-P19.5-70-N	08/31/2020 8:25 AM	08/31/2020 9:27 AM
2008416-002	HW-SW-N-73-N	08/31/2020 8:30 AM	08/31/2020 9:27 AM
2008416-003	HW-SW-SE-73-N	08/31/2020 8:35 AM	08/31/2020 9:27 AM
2008416-004	HW-SW-SW-73-N	08/31/2020 8:45 AM	08/31/2020 9:27 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2008416**
Date: **8/31/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008416-001 **Collection Date:** 8/31/2020 8:25:00 AM
Client Sample ID: **HW-P24-P19.5-70-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29520		Analyst: CR
Vinyl chloride	ND	0.0210		mg/Kg-dry	1	8/31/2020 12:13:40 PM
1,1-Dichloroethene	ND	0.0210		mg/Kg-dry	1	8/31/2020 12:13:40 PM
trans-1,2-Dichloroethene	ND	0.0210		mg/Kg-dry	1	8/31/2020 12:13:40 PM
cis-1,2-Dichloroethene	ND	0.0210		mg/Kg-dry	1	8/31/2020 12:13:40 PM
Trichloroethene (TCE)	ND	0.0210		mg/Kg-dry	1	8/31/2020 12:13:40 PM
Tetrachloroethene (PCE)	0.679	0.0210		mg/Kg-dry	1	8/31/2020 12:13:40 PM
Surr: Dibromofluoromethane	104	83.3 - 111		%Rec	1	8/31/2020 12:13:40 PM
Surr: Toluene-d8	101	87.9 - 111		%Rec	1	8/31/2020 12:13:40 PM
Surr: 1-Bromo-4-fluorobenzene	96.5	85.1 - 111		%Rec	1	8/31/2020 12:13:40 PM
Sample Moisture (Percent Moisture)				Batch ID: R61503		Analyst: CJ
Percent Moisture	16.1	0.500		wt%	1	8/31/2020 10:27:33 AM

Lab ID: 2008416-002 **Collection Date:** 8/31/2020 8:30:00 AM
Client Sample ID: **HW-SW-N-73-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29520		Analyst: CR
Vinyl chloride	ND	0.0251		mg/Kg-dry	1	8/31/2020 12:43:48 PM
1,1-Dichloroethene	ND	0.0251		mg/Kg-dry	1	8/31/2020 12:43:48 PM
trans-1,2-Dichloroethene	ND	0.0251		mg/Kg-dry	1	8/31/2020 12:43:48 PM
cis-1,2-Dichloroethene	ND	0.0251		mg/Kg-dry	1	8/31/2020 12:43:48 PM
Trichloroethene (TCE)	ND	0.0251		mg/Kg-dry	1	8/31/2020 12:43:48 PM
Tetrachloroethene (PCE)	1.69	0.0251		mg/Kg-dry	1	8/31/2020 12:43:48 PM
Surr: Dibromofluoromethane	103	83.3 - 111		%Rec	1	8/31/2020 12:43:48 PM
Surr: Toluene-d8	99.9	87.9 - 111		%Rec	1	8/31/2020 12:43:48 PM
Surr: 1-Bromo-4-fluorobenzene	96.2	85.1 - 111		%Rec	1	8/31/2020 12:43:48 PM
Sample Moisture (Percent Moisture)				Batch ID: R61503		Analyst: CJ
Percent Moisture	14.9	0.500		wt%	1	8/31/2020 10:27:33 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008416-003 **Collection Date:** 8/31/2020 8:35:00 AM
Client Sample ID: **HW-SW-SE-73-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29520		Analyst: CR
Vinyl chloride	ND	0.0261		mg/Kg-dry	1	8/31/2020 1:13:54 PM
1,1-Dichloroethene	ND	0.0261		mg/Kg-dry	1	8/31/2020 1:13:54 PM
trans-1,2-Dichloroethene	ND	0.0261		mg/Kg-dry	1	8/31/2020 1:13:54 PM
cis-1,2-Dichloroethene	ND	0.0261		mg/Kg-dry	1	8/31/2020 1:13:54 PM
Trichloroethene (TCE)	ND	0.0261		mg/Kg-dry	1	8/31/2020 1:13:54 PM
Tetrachloroethene (PCE)	0.895	0.0261		mg/Kg-dry	1	8/31/2020 1:13:54 PM
Surr: Dibromofluoromethane	105	83.3 - 111		%Rec	1	8/31/2020 1:13:54 PM
Surr: Toluene-d8	101	87.9 - 111		%Rec	1	8/31/2020 1:13:54 PM
Surr: 1-Bromo-4-fluorobenzene	96.6	85.1 - 111		%Rec	1	8/31/2020 1:13:54 PM
Sample Moisture (Percent Moisture)				Batch ID: R61503		Analyst: CJ
Percent Moisture	15.3	0.500		wt%	1	8/31/2020 10:27:33 AM

Analytical Report

Work Order: **2008416**
Date Reported: **8/31/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2008416-004 **Collection Date:** 8/31/2020 8:45:00 AM
Client Sample ID: **HW-SW-SW-73-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29520		Analyst: CR
Vinyl chloride	ND	0.0385		mg/Kg-dry	1	8/31/2020 1:43:59 PM
1,1-Dichloroethene	ND	0.0385		mg/Kg-dry	1	8/31/2020 1:43:59 PM
trans-1,2-Dichloroethene	ND	0.0385		mg/Kg-dry	1	8/31/2020 1:43:59 PM
cis-1,2-Dichloroethene	ND	0.0385		mg/Kg-dry	1	8/31/2020 1:43:59 PM
Trichloroethene (TCE)	ND	0.0385		mg/Kg-dry	1	8/31/2020 1:43:59 PM
Tetrachloroethene (PCE)	1.11	0.0385		mg/Kg-dry	1	8/31/2020 1:43:59 PM
Surr: Dibromofluoromethane	102	83.3 - 111		%Rec	1	8/31/2020 1:43:59 PM
Surr: Toluene-d8	99.7	87.9 - 111		%Rec	1	8/31/2020 1:43:59 PM
Surr: 1-Bromo-4-fluorobenzene	96.7	85.1 - 111		%Rec	1	8/31/2020 1:43:59 PM
Sample Moisture (Percent Moisture)				Batch ID: R61503		Analyst: CJ
Percent Moisture	18.1	0.500		wt%	1	8/31/2020 10:27:33 AM

Work Order: 2008416
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29520** SampType: **LCS** Units: **mg/Kg** Prep Date: **8/31/2020** RunNo: **61519**
Client ID: **LCSS** Batch ID: **29520** Analysis Date: **8/31/2020** SeqNo: **1234237**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.888	0.0200	1.000	0	88.8	53.6	138				
1,1-Dichloroethene	0.853	0.0200	1.000	0	85.3	66	133				
trans-1,2-Dichloroethene	0.839	0.0200	1.000	0	83.9	79.6	115				
cis-1,2-Dichloroethene	0.858	0.0200	1.000	0	85.8	77.8	115				
Trichloroethene (TCE)	0.863	0.0200	1.000	0	86.3	79.6	118				
Tetrachloroethene (PCE)	0.860	0.0200	1.000	0	86.0	78.8	119				
Surr: Dibromofluoromethane	1.31		1.250		104	83.3	111				
Surr: Toluene-d8	1.27		1.250		102	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		99.9	85.1	111				

Sample ID: **MB-29520** SampType: **MBLK** Units: **mg/Kg** Prep Date: **8/31/2020** RunNo: **61519**
Client ID: **MBLKS** Batch ID: **29520** Analysis Date: **8/31/2020** SeqNo: **1234238**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.25		1.250		100	83.3	111				
Surr: Toluene-d8	1.24		1.250		99.1	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.21		1.250		96.8	85.1	111				

Sample ID: **2008338-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/31/2020** RunNo: **61519**
Client ID: **BATCH** Batch ID: **29520** Analysis Date: **8/31/2020** SeqNo: **1234227**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0255						0		30	

Work Order: 2008416
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008338-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **8/31/2020** RunNo: **61519**
Client ID: **BATCH** Batch ID: **29520** Analysis Date: **8/31/2020** SeqNo: **1234227**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0255						0		30	
trans-1,2-Dichloroethene	ND	0.0255						0		30	
cis-1,2-Dichloroethene	ND	0.0255						0		30	
Trichloroethene (TCE)	ND	0.0255						0		30	
Tetrachloroethene (PCE)	0.612	0.0255						0.6219	1.67	30	
Surr: Dibromofluoromethane	1.62		1.596		101	83.3	111		0		
Surr: Toluene-d8	1.62		1.596		101	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.56		1.596		97.6	85.1	111		0		

Sample ID: **2008338-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **8/31/2020** RunNo: **61519**
Client ID: **BATCH** Batch ID: **29520** Analysis Date: **8/31/2020** SeqNo: **1234229**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.04	0.0228	1.139	0	91.2	49.5	138				
1,1-Dichloroethene	1.08	0.0228	1.139	0	94.5	55	138				
trans-1,2-Dichloroethene	1.04	0.0228	1.139	0	90.9	73.1	121				
cis-1,2-Dichloroethene	1.01	0.0228	1.139	0	88.7	71.8	122				
Trichloroethene (TCE)	1.05	0.0228	1.139	0	92.0	70.1	129				
Tetrachloroethene (PCE)	1.16	0.0228	1.139	0.1154	91.7	71.1	122				
Surr: Dibromofluoromethane	1.51		1.423		106	83.3	111				
Surr: Toluene-d8	1.47		1.423		103	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.44		1.423		101	85.1	111				

Sample ID: **2008338-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/31/2020** RunNo: **61519**
Client ID: **BATCH** Batch ID: **29520** Analysis Date: **8/31/2020** SeqNo: **1234292**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.01	0.0228	1.139	0	88.3	49.5	138	1.038	3.24	30	
1,1-Dichloroethene	1.02	0.0228	1.139	0	89.6	55	138	1.076	5.33	30	

Work Order: 2008416
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008338-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **8/31/2020** RunNo: **61519**
Client ID: **BATCH** Batch ID: **29520** Analysis Date: **8/31/2020** SeqNo: **1234292**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.01	0.0228	1.139	0	88.7	73.1	121	1.035	2.45	30	
cis-1,2-Dichloroethene	0.994	0.0228	1.139	0	87.3	71.8	122	1.010	1.55	30	
Trichloroethene (TCE)	1.04	0.0228	1.139	0	91.1	70.1	129	1.048	1.04	30	
Tetrachloroethene (PCE)	1.14	0.0228	1.139	0.1154	89.9	71.1	122	1.159	1.81	30	
Surr: Dibromofluoromethane	1.53		1.423		107	83.3	111		0		
Surr: Toluene-d8	1.48		1.423		104	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.43		1.423		100	85.1	111		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2008416**
Logged by:	**Gabrielle Coeuille**	Date Received:	**8/31/2020 9:27:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☑	No	☐	Not Present ☐
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	2.2

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 8/31/20 Page: 1 of: 1

Laboratory Project No (internal): 20084146

Special Remarks:

Project Name: Maddux North

Project No: 160324

Client: Aspect Consulting

Collected by: Andrew Yonkofski

Address: 710 Second Ave, #550

Location: Maddux North

City, State, Zip: Seattle, WA 98104

Report To (PM): A. Yonkofski

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Telephone:

PM Email: ayonkofski@gmail.com

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs by 8260	Comments
1	HW-P24-P19.5-20-N	8/31/20	0825	S													X		Same Day TAT
2	HW-SW-N-73-N		0830	S													X		
3	HW-SW-SE-73-N		0835														X		
4	HW-SW-SW-73-N		0845														X		
5																			Use calibration range discussed via email with Matt last week
6																			
7																			
8																			
9																			
10																			

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day 5:00 pm (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	8/31/20 0918	x	8/31/20 0927
Relinquished	Date/Time	Received	Date/Time
x		x	

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2009011

September 09, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 4 sample(s) on 9/1/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *09/09/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2009011

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2009011-001	SW-P42-67-N	09/01/2020 7:55 AM	09/01/2020 11:01 AM
2009011-002	SW-P44-67-N	09/01/2020 7:50 AM	09/01/2020 11:01 AM
2009011-003	SW-P46-67-N	09/01/2020 7:35 AM	09/01/2020 11:01 AM
2009011-004	Trip Blank	08/24/2020 12:08 PM	09/01/2020 11:01 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2009011**

Date: **9/9/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2009011**
Date Reported: **9/9/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009011-001 **Collection Date:** 9/1/2020 7:55:00 AM
Client Sample ID: **SW-P42-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29551		Analyst: CR
Vinyl chloride	ND	0.0192		mg/Kg-dry	1	9/2/2020 10:32:26 AM
1,1-Dichloroethene	ND	0.0192		mg/Kg-dry	1	9/2/2020 10:32:26 AM
trans-1,2-Dichloroethene	ND	0.0192		mg/Kg-dry	1	9/2/2020 10:32:26 AM
cis-1,2-Dichloroethene	ND	0.0192		mg/Kg-dry	1	9/2/2020 10:32:26 AM
Trichloroethene (TCE)	ND	0.0192		mg/Kg-dry	1	9/2/2020 10:32:26 AM
Tetrachloroethene (PCE)	0.0212	0.0192		mg/Kg-dry	1	9/2/2020 10:32:26 AM
Surr: Dibromofluoromethane	100	83.3 - 111		%Rec	1	9/2/2020 10:32:26 AM
Surr: Toluene-d8	101	87.9 - 111		%Rec	1	9/2/2020 10:32:26 AM
Surr: 1-Bromo-4-fluorobenzene	97.2	85.1 - 111		%Rec	1	9/2/2020 10:32:26 AM
Sample Moisture (Percent Moisture)				Batch ID: R61597		Analyst: EH
Percent Moisture	14.0	0.500		wt%	1	9/3/2020 9:55:27 AM

Lab ID: 2009011-002 **Collection Date:** 9/1/2020 7:50:00 AM
Client Sample ID: **SW-P44-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29551		Analyst: CR
Vinyl chloride	ND	0.0223		mg/Kg-dry	1	9/2/2020 11:32:42 AM
1,1-Dichloroethene	ND	0.0223		mg/Kg-dry	1	9/2/2020 11:32:42 AM
trans-1,2-Dichloroethene	ND	0.0223		mg/Kg-dry	1	9/2/2020 11:32:42 AM
cis-1,2-Dichloroethene	ND	0.0223		mg/Kg-dry	1	9/2/2020 11:32:42 AM
Trichloroethene (TCE)	0.0236	0.0223		mg/Kg-dry	1	9/2/2020 11:32:42 AM
Tetrachloroethene (PCE)	1.02	0.0223		mg/Kg-dry	1	9/2/2020 11:32:42 AM
Surr: Dibromofluoromethane	102	83.3 - 111		%Rec	1	9/2/2020 11:32:42 AM
Surr: Toluene-d8	99.6	87.9 - 111		%Rec	1	9/2/2020 11:32:42 AM
Surr: 1-Bromo-4-fluorobenzene	97.3	85.1 - 111		%Rec	1	9/2/2020 11:32:42 AM
Sample Moisture (Percent Moisture)				Batch ID: R61597		Analyst: EH
Percent Moisture	21.2	0.500		wt%	1	9/3/2020 9:55:27 AM

Analytical Report

Work Order: **2009011**
Date Reported: **9/9/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009011-003 **Collection Date:** 9/1/2020 7:35:00 AM
Client Sample ID: **SW-P46-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29551		Analyst: CR
Vinyl chloride	ND	0.0206		mg/Kg-dry	1	9/2/2020 12:02:48 PM
1,1-Dichloroethene	ND	0.0206		mg/Kg-dry	1	9/2/2020 12:02:48 PM
trans-1,2-Dichloroethene	ND	0.0206		mg/Kg-dry	1	9/2/2020 12:02:48 PM
cis-1,2-Dichloroethene	ND	0.0206		mg/Kg-dry	1	9/2/2020 12:02:48 PM
Trichloroethene (TCE)	0.0299	0.0206		mg/Kg-dry	1	9/2/2020 12:02:48 PM
Tetrachloroethene (PCE)	0.468	0.0206		mg/Kg-dry	1	9/2/2020 12:02:48 PM
Surr: Dibromofluoromethane	102	83.3 - 111		%Rec	1	9/2/2020 12:02:48 PM
Surr: Toluene-d8	100	87.9 - 111		%Rec	1	9/2/2020 12:02:48 PM
Surr: 1-Bromo-4-fluorobenzene	99.5	85.1 - 111		%Rec	1	9/2/2020 12:02:48 PM
Sample Moisture (Percent Moisture)				Batch ID: R61597		Analyst: EH
Percent Moisture	14.7	0.500		wt%	1	9/3/2020 9:55:27 AM

Work Order: 2009011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29551**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **9/2/2020**	RunNo: **61586**
Client ID: **LCSS**	Batch ID: **29551**		Analysis Date: **9/2/2020**	SeqNo: **1235484**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.968	0.0200	1.000	0	96.8	53.6	138				
1,1-Dichloroethene	0.882	0.0200	1.000	0	88.2	66	133				
trans-1,2-Dichloroethene	0.902	0.0200	1.000	0	90.2	79.6	115				
cis-1,2-Dichloroethene	0.898	0.0200	1.000	0	89.8	77.8	115				
Trichloroethene (TCE)	0.898	0.0200	1.000	0	89.8	79.6	118				
Tetrachloroethene (PCE)	0.881	0.0200	1.000	0	88.1	78.8	119				
Surr: Dibromofluoromethane	1.31		1.250		105	83.3	111				
Surr: Toluene-d8	1.30		1.250		104	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		100	85.1	111				

Sample ID: **MB-29551**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **9/2/2020**	RunNo: **61586**
Client ID: **MBLKS**	Batch ID: **29551**		Analysis Date: **9/2/2020**	SeqNo: **1235485**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.27		1.250		101	83.3	111				
Surr: Toluene-d8	1.27		1.250		101	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.23		1.250		98.4	85.1	111				

Sample ID: **2009011-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **9/2/2020**	RunNo: **61586**
Client ID: **SW-P42-67-N**	Batch ID: **29551**		Analysis Date: **9/2/2020**	SeqNo: **1235471**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0192						0		30	

Work Order: 2009011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009011-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/2/2020** RunNo: **61586**
Client ID: **SW-P42-67-N** Batch ID: **29551** Analysis Date: **9/2/2020** SeqNo: **1235471**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0192						0		30	
trans-1,2-Dichloroethene	ND	0.0192						0		30	
cis-1,2-Dichloroethene	ND	0.0192						0		30	
Trichloroethene (TCE)	ND	0.0192						0		30	
Tetrachloroethene (PCE)	0.0206	0.0192						0.02117	2.50	30	
Surr: Dibromofluoromethane	1.22		1.202		102	83.3	111		0		
Surr: Toluene-d8	1.21		1.202		101	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.17		1.202		97.5	85.1	111		0		

Sample ID: **2009011-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/2/2020** RunNo: **61586**
Client ID: **SW-P44-67-N** Batch ID: **29551** Analysis Date: **9/2/2020** SeqNo: **1235473**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.26	0.0223	1.113	0	113	49.5	138				
1,1-Dichloroethene	1.25	0.0223	1.113	0	113	55	138				
trans-1,2-Dichloroethene	1.16	0.0223	1.113	0	104	73.1	121				
cis-1,2-Dichloroethene	1.17	0.0223	1.113	0	105	71.8	122				
Trichloroethene (TCE)	1.24	0.0223	1.113	0.02356	109	70.1	129				
Tetrachloroethene (PCE)	2.28	0.0223	1.113	1.017	113	71.1	122				
Surr: Dibromofluoromethane	1.45		1.391		104	83.3	111				
Surr: Toluene-d8	1.46		1.391		105	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.42		1.391		102	85.1	111				

Sample ID: **2009011-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/2/2020** RunNo: **61586**
Client ID: **SW-P44-67-N** Batch ID: **29551** Analysis Date: **9/2/2020** SeqNo: **1235474**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.29	0.0223	1.113	0	116	49.5	138	1.256	2.55	30	
1,1-Dichloroethene	1.29	0.0223	1.113	0	116	55	138	1.253	3.13	30	

Work Order: 2009011
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009011-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/2/2020** RunNo: **61586**
Client ID: **SW-P44-67-N** Batch ID: **29551** Analysis Date: **9/2/2020** SeqNo: **1235474**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.18	0.0223	1.113	0	106	73.1	121	1.156	2.08	30	
cis-1,2-Dichloroethene	1.20	0.0223	1.113	0	108	71.8	122	1.171	2.48	30	
Trichloroethene (TCE)	1.25	0.0223	1.113	0.02356	110	70.1	129	1.237	1.10	30	
Tetrachloroethene (PCE)	2.50	0.0223	1.113	1.017	134	71.1	122	2.278	9.45	30	S
Surr: Dibromofluoromethane	1.47		1.391		106	83.3	111		0		
Surr: Toluene-d8	1.45		1.391		104	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.42		1.391		102	85.1	111		0		

NOTES:
S - Outlying surrogate recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample ID: **2009039-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/2/2020** RunNo: **61586**
Client ID: **BATCH** Batch ID: **29551** Analysis Date: **9/2/2020** SeqNo: **1236044**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	3.84	0.0203						4.223	9.43	30	E
1,1-Dichloroethene	0.0315	0.0203						0.03344	5.82	30	
trans-1,2-Dichloroethene	0.0626	0.0203						0.06667	6.30	30	
cis-1,2-Dichloroethene	23.9	0.0203						24.59	2.71	30	E
Trichloroethene (TCE)	2.76	0.0203						2.897	4.88	30	E
Tetrachloroethene (PCE)	34.4	0.0203						35.44	2.90	30	E
Surr: Dibromofluoromethane	1.30		1.271		102	83.3	111		0		
Surr: Toluene-d8	1.26		1.271		99.5	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.25		1.271		98.0	85.1	111		0		

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2009011**
Logged by:	**Gabrielle Coeuille**	Date Received:	**9/1/2020 11:01:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐	
2.	How was the sample delivered?	Picked up by FAI			

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
9.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
10.	Are samples properly preserved?	Yes ☑	No ☐	
11.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
14.	Does paperwork match bottle labels?	Yes ☑	No ☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
16.	Is it clear what analyses were requested?	Yes ☑	No ☐	
17.	Were all holding times able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	0.9

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: ~~8/10~~ 9/1/2020 Page: 1 of: 1
Laboratory Project No (internal): 2009011
Project Name: Maddux North
Special Remarks:
Project No: 160324
Client: Aspect Consulting
Collected by: David Unruh / Kristen Beck
Address: 710 2nd Ave, STE 550
Location: Maddux North
City, State, Zip: Seattle, WA, 98104
Report To (PM): A. Yankofski
Telephone:
Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)
Fax:
PM Email: ayankofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)**	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs by 8260				Comments
1	SW-P42-67-N	9/1/20	0755	S													X					
2	SW-P44-67-N	↓	0850	↓													↓					
3	SW-P46-67-N	↓	0735	↓													↓					
4																						
5																						
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x David Unruh	9/1/2020 1100	x [signature]	9/1/20 11:14
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:
- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2009032

September 03, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 8 sample(s) on 9/2/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D
Volatile Organic Compounds by SW8260D/TCLP ZHE

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *09/03/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2009032

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2009032-001	DW-P23.5-P20-76-N	09/02/2020 7:25 AM	09/02/2020 9:52 AM
2009032-002	DW-P23.5-P20-73-N	09/02/2020 8:50 AM	09/02/2020 9:52 AM
2009032-003	DW-P24-P20.5-76-N	09/02/2020 7:30 AM	09/02/2020 9:52 AM
2009032-004	DW-P24-P20.5-73-N	09/02/2020 8:55 AM	09/02/2020 9:52 AM
2009032-005	DW-P24-P19-76-N	09/02/2020 7:55 AM	09/02/2020 9:52 AM
2009032-006	DW-P24-P20-69-N	09/02/2020 8:45 AM	09/02/2020 9:52 AM
2009032-007	DW-P24-P18.5-67-N	09/02/2020 9:15 AM	09/02/2020 9:52 AM
2009032-008	Trip Blank	08/24/2020 12:08 PM	09/02/2020 9:52 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2009032**
Date: **9/3/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2009032**
Date Reported: **9/3/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009032-003 **Collection Date:** 9/2/2020 7:30:00 AM
Client Sample ID: **DW-P24-P20.5-76-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29551		Analyst: CR
Vinyl chloride	ND	0.893	D	mg/Kg-dry	50	9/2/2020 12:32:56 PM
1,1-Dichloroethene	ND	0.893	D	mg/Kg-dry	50	9/2/2020 12:32:56 PM
trans-1,2-Dichloroethene	ND	0.893	D	mg/Kg-dry	50	9/2/2020 12:32:56 PM
cis-1,2-Dichloroethene	ND	0.893	D	mg/Kg-dry	50	9/2/2020 12:32:56 PM
Trichloroethene (TCE)	ND	0.893	D	mg/Kg-dry	50	9/2/2020 12:32:56 PM
Tetrachloroethene (PCE)	ND	0.893	D	mg/Kg-dry	50	9/2/2020 12:32:56 PM
Surr: Dibromofluoromethane	103	83.3 - 111	D	%Rec	50	9/2/2020 12:32:56 PM
Surr: Toluene-d8	101	87.9 - 111	D	%Rec	50	9/2/2020 12:32:56 PM
Surr: 1-Bromo-4-fluorobenzene	97.2	85.1 - 111	D	%Rec	50	9/2/2020 12:32:56 PM
Sample Moisture (Percent Moisture)				Batch ID: R61578		Analyst: MM
Percent Moisture	9.72	0.500		wt%	1	9/2/2020 1:42:01 PM

Analytical Report

Work Order: **2009032**
Date Reported: **9/3/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009032-004 **Collection Date:** 9/2/2020 8:55:00 AM
Client Sample ID: **DW-P24-P20.5-73-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29551		Analyst: CR
Vinyl chloride	ND	1.30	D	mg/Kg-dry	50	9/2/2020 1:03:04 PM
1,1-Dichloroethene	ND	1.30	D	mg/Kg-dry	50	9/2/2020 1:03:04 PM
trans-1,2-Dichloroethene	ND	1.30	D	mg/Kg-dry	50	9/2/2020 1:03:04 PM
cis-1,2-Dichloroethene	ND	1.30	D	mg/Kg-dry	50	9/2/2020 1:03:04 PM
Trichloroethene (TCE)	ND	1.30	D	mg/Kg-dry	50	9/2/2020 1:03:04 PM
Tetrachloroethene (PCE)	7.35	1.30	D	mg/Kg-dry	50	9/2/2020 1:03:04 PM
Surr: Dibromofluoromethane	104	83.3 - 111	D	%Rec	50	9/2/2020 1:03:04 PM
Surr: Toluene-d8	100	87.9 - 111	D	%Rec	50	9/2/2020 1:03:04 PM
Surr: 1-Bromo-4-fluorobenzene	96.5	85.1 - 111	D	%Rec	50	9/2/2020 1:03:04 PM
Volatile Organic Compounds by SW8260D/TCLP ZHE				Batch ID: 29569		Analyst: CR
Tetrachloroethene (PCE)	131	10.0	D	µg/L	10	9/3/2020 11:30:33 AM
Surr: Dibromofluoromethane	96.8	83.7 - 117	D	%Rec	10	9/3/2020 11:30:33 AM
Surr: Toluene-d8	99.0	87.6 - 113	D	%Rec	10	9/3/2020 11:30:33 AM
Surr: 1-Bromo-4-fluorobenzene	100	81.2 - 113	D	%Rec	10	9/3/2020 11:30:33 AM
Sample Moisture (Percent Moisture)				Batch ID: R61578		Analyst: MM
Percent Moisture	16.1	0.500		wt%	1	9/2/2020 1:42:01 PM

Analytical Report

Work Order: **2009032**
Date Reported: **9/3/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009032-005 **Collection Date:** 9/2/2020 7:55:00 AM
Client Sample ID: **DW-P24-P19-76-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29551		Analyst: CR
Vinyl chloride	ND	1.26	D	mg/Kg-dry	50	9/2/2020 1:33:12 PM
1,1-Dichloroethene	ND	1.26	D	mg/Kg-dry	50	9/2/2020 1:33:12 PM
trans-1,2-Dichloroethene	ND	1.26	D	mg/Kg-dry	50	9/2/2020 1:33:12 PM
cis-1,2-Dichloroethene	ND	1.26	D	mg/Kg-dry	50	9/2/2020 1:33:12 PM
Trichloroethene (TCE)	ND	1.26	D	mg/Kg-dry	50	9/2/2020 1:33:12 PM
Tetrachloroethene (PCE)	15.9	1.26	D	mg/Kg-dry	50	9/2/2020 1:33:12 PM
Surr: Dibromofluoromethane	105	83.3 - 111	D	%Rec	50	9/2/2020 1:33:12 PM
Surr: Toluene-d8	100	87.9 - 111	D	%Rec	50	9/2/2020 1:33:12 PM
Surr: 1-Bromo-4-fluorobenzene	96.9	85.1 - 111	D	%Rec	50	9/2/2020 1:33:12 PM
Volatile Organic Compounds by SW8260D/TCLP ZHE				Batch ID: 29569		Analyst: CR
Tetrachloroethene (PCE)	115	10.0	D	µg/L	10	9/3/2020 12:00:41 PM
Surr: Dibromofluoromethane	95.9	83.7 - 117	D	%Rec	10	9/3/2020 12:00:41 PM
Surr: Toluene-d8	99.0	87.6 - 113	D	%Rec	10	9/3/2020 12:00:41 PM
Surr: 1-Bromo-4-fluorobenzene	100	81.2 - 113	D	%Rec	10	9/3/2020 12:00:41 PM
Sample Moisture (Percent Moisture)				Batch ID: R61578		Analyst: MM
Percent Moisture	19.0	0.500		wt%	1	9/2/2020 1:42:01 PM

Analytical Report

Work Order: **2009032**
Date Reported: **9/3/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009032-006 **Collection Date:** 9/2/2020 8:45:00 AM
Client Sample ID: **DW-P24-P20-69-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29551		Analyst: CR
Vinyl chloride	ND	1.21	D	mg/Kg-dry	50	9/2/2020 2:03:17 PM
1,1-Dichloroethene	ND	1.21	D	mg/Kg-dry	50	9/2/2020 2:03:17 PM
trans-1,2-Dichloroethene	ND	1.21	D	mg/Kg-dry	50	9/2/2020 2:03:17 PM
cis-1,2-Dichloroethene	ND	1.21	D	mg/Kg-dry	50	9/2/2020 2:03:17 PM
Trichloroethene (TCE)	ND	1.21	D	mg/Kg-dry	50	9/2/2020 2:03:17 PM
Tetrachloroethene (PCE)	ND	1.21	D	mg/Kg-dry	50	9/2/2020 2:03:17 PM
Surr: Dibromofluoromethane	105	83.3 - 111	D	%Rec	50	9/2/2020 2:03:17 PM
Surr: Toluene-d8	101	87.9 - 111	D	%Rec	50	9/2/2020 2:03:17 PM
Surr: 1-Bromo-4-fluorobenzene	95.5	85.1 - 111	D	%Rec	50	9/2/2020 2:03:17 PM
Volatile Organic Compounds by SW8260D/TCLP ZHE				Batch ID: 29569		Analyst: CR
Tetrachloroethene (PCE)	ND	10.0	D	µg/L	10	9/3/2020 12:30:52 PM
Surr: Dibromofluoromethane	96.1	83.7 - 117	D	%Rec	10	9/3/2020 12:30:52 PM
Surr: Toluene-d8	98.5	87.6 - 113	D	%Rec	10	9/3/2020 12:30:52 PM
Surr: 1-Bromo-4-fluorobenzene	100	81.2 - 113	D	%Rec	10	9/3/2020 12:30:52 PM
Sample Moisture (Percent Moisture)				Batch ID: R61578		Analyst: MM
Percent Moisture	12.6	0.500		wt%	1	9/2/2020 1:42:01 PM

Analytical Report

Work Order: **2009032**
Date Reported: **9/3/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009032-007 **Collection Date:** 9/2/2020 9:15:00 AM
Client Sample ID: **DW-P24-P18.5-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29551		Analyst: CR
Vinyl chloride	ND	1.16	D	mg/Kg-dry	50	9/2/2020 2:33:26 PM
1,1-Dichloroethene	ND	1.16	D	mg/Kg-dry	50	9/2/2020 2:33:26 PM
trans-1,2-Dichloroethene	ND	1.16	D	mg/Kg-dry	50	9/2/2020 2:33:26 PM
cis-1,2-Dichloroethene	ND	1.16	D	mg/Kg-dry	50	9/2/2020 2:33:26 PM
Trichloroethene (TCE)	ND	1.16	D	mg/Kg-dry	50	9/2/2020 2:33:26 PM
Tetrachloroethene (PCE)	21.2	1.16	D	mg/Kg-dry	50	9/2/2020 2:33:26 PM
Surr: Dibromofluoromethane	106	83.3 - 111	D	%Rec	50	9/2/2020 2:33:26 PM
Surr: Toluene-d8	102	87.9 - 111	D	%Rec	50	9/2/2020 2:33:26 PM
Surr: 1-Bromo-4-fluorobenzene	97.4	85.1 - 111	D	%Rec	50	9/2/2020 2:33:26 PM
Volatile Organic Compounds by SW8260D/TCLP ZHE				Batch ID: 29569		Analyst: CR
Tetrachloroethene (PCE)	288	10.0	D	µg/L	10	9/3/2020 1:01:14 PM
Surr: Dibromofluoromethane	98.3	83.7 - 117	D	%Rec	10	9/3/2020 1:01:14 PM
Surr: Toluene-d8	98.8	87.6 - 113	D	%Rec	10	9/3/2020 1:01:14 PM
Surr: 1-Bromo-4-fluorobenzene	101	81.2 - 113	D	%Rec	10	9/3/2020 1:01:14 PM
Sample Moisture (Percent Moisture)				Batch ID: R61578		Analyst: MM
Percent Moisture	18.6	0.500		wt%	1	9/2/2020 1:42:01 PM

Analytical Report

Work Order: **2009032**
Date Reported: **9/3/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009032-008 **Collection Date:** 8/24/2020 12:08:00 PM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29551		Analyst: CR
Vinyl chloride	ND	0.0200		mg/Kg	1	9/2/2020 3:03:32 PM
1,1-Dichloroethene	ND	0.0200		mg/Kg	1	9/2/2020 3:03:32 PM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	9/2/2020 3:03:32 PM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	9/2/2020 3:03:32 PM
Trichloroethene (TCE)	ND	0.0200		mg/Kg	1	9/2/2020 3:03:32 PM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg	1	9/2/2020 3:03:32 PM
Surr: Dibromofluoromethane	101	83.3 - 111		%Rec	1	9/2/2020 3:03:32 PM
Surr: Toluene-d8	101	87.9 - 111		%Rec	1	9/2/2020 3:03:32 PM
Surr: 1-Bromo-4-fluorobenzene	95.3	85.1 - 111		%Rec	1	9/2/2020 3:03:32 PM

Work Order: 2009032
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29551** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/2/2020** RunNo: **61586**
Client ID: **LCSS** Batch ID: **29551** Analysis Date: **9/2/2020** SeqNo: **1235484**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.968	0.0200	1.000	0	96.8	53.6	138				
1,1-Dichloroethene	0.882	0.0200	1.000	0	88.2	66	133				
trans-1,2-Dichloroethene	0.902	0.0200	1.000	0	90.2	79.6	115				
cis-1,2-Dichloroethene	0.898	0.0200	1.000	0	89.8	77.8	115				
Trichloroethene (TCE)	0.898	0.0200	1.000	0	89.8	79.6	118				
Tetrachloroethene (PCE)	0.881	0.0200	1.000	0	88.1	78.8	119				
Surr: Dibromofluoromethane	1.31		1.250		105	83.3	111				
Surr: Toluene-d8	1.30		1.250		104	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		100	85.1	111				

Sample ID: **MB-29551** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/2/2020** RunNo: **61586**
Client ID: **MBLKS** Batch ID: **29551** Analysis Date: **9/2/2020** SeqNo: **1235485**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.27		1.250		101	83.3	111				
Surr: Toluene-d8	1.27		1.250		101	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.23		1.250		98.4	85.1	111				

Sample ID: **2009011-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/2/2020** RunNo: **61586**
Client ID: **BATCH** Batch ID: **29551** Analysis Date: **9/2/2020** SeqNo: **1235471**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0192						0		30	

Work Order: 2009032
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009011-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/2/2020** RunNo: **61586**
Client ID: **BATCH** Batch ID: **29551** Analysis Date: **9/2/2020** SeqNo: **1235471**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0192						0		30	
trans-1,2-Dichloroethene	ND	0.0192						0		30	
cis-1,2-Dichloroethene	ND	0.0192						0		30	
Trichloroethene (TCE)	ND	0.0192						0		30	
Tetrachloroethene (PCE)	0.0206	0.0192						0.02117	2.50	30	
Surr: Dibromofluoromethane	1.22		1.202		102	83.3	111		0		
Surr: Toluene-d8	1.21		1.202		101	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.17		1.202		97.5	85.1	111		0		

Sample ID: **2009011-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/2/2020** RunNo: **61586**
Client ID: **BATCH** Batch ID: **29551** Analysis Date: **9/2/2020** SeqNo: **1235473**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.26	0.0223	1.113	0	113	49.5	138				
1,1-Dichloroethene	1.25	0.0223	1.113	0	113	55	138				
trans-1,2-Dichloroethene	1.16	0.0223	1.113	0	104	73.1	121				
cis-1,2-Dichloroethene	1.17	0.0223	1.113	0	105	71.8	122				
Trichloroethene (TCE)	1.24	0.0223	1.113	0.02356	109	70.1	129				
Tetrachloroethene (PCE)	2.28	0.0223	1.113	1.017	113	71.1	122				
Surr: Dibromofluoromethane	1.45		1.391		104	83.3	111				
Surr: Toluene-d8	1.46		1.391		105	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.42		1.391		102	85.1	111				

Sample ID: **2009011-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/2/2020** RunNo: **61586**
Client ID: **BATCH** Batch ID: **29551** Analysis Date: **9/2/2020** SeqNo: **1235474**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.29	0.0223	1.113	0	116	49.5	138	1.256	2.55	30	
1,1-Dichloroethene	1.29	0.0223	1.113	0	116	55	138	1.253	3.13	30	

Work Order: 2009032
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009011-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/2/2020** RunNo: **61586**
Client ID: **BATCH** Batch ID: **29551** Analysis Date: **9/2/2020** SeqNo: **1235474**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.18	0.0223	1.113	0	106	73.1	121	1.156	2.08	30	
cis-1,2-Dichloroethene	1.20	0.0223	1.113	0	108	71.8	122	1.171	2.48	30	
Trichloroethene (TCE)	1.25	0.0223	1.113	0.02356	110	70.1	129	1.237	1.10	30	
Tetrachloroethene (PCE)	2.50	0.0223	1.113	1.017	134	71.1	122	2.278	9.45	30	S
Surr: Dibromofluoromethane	1.47		1.391		106	83.3	111		0		
Surr: Toluene-d8	1.45		1.391		104	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.42		1.391		102	85.1	111		0		

NOTES:
S - Outlying surrogate recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample ID: **2009039-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/2/2020** RunNo: **61586**
Client ID: **BATCH** Batch ID: **29551** Analysis Date: **9/2/2020** SeqNo: **1236044**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	3.84	0.0203						4.223	9.43	30	E
1,1-Dichloroethene	0.0315	0.0203						0.03344	5.82	30	
trans-1,2-Dichloroethene	0.0626	0.0203						0.06667	6.30	30	
cis-1,2-Dichloroethene	23.9	0.0203						24.59	2.71	30	E
Trichloroethene (TCE)	2.76	0.0203						2.897	4.88	30	E
Tetrachloroethene (PCE)	34.4	0.0203						35.44	2.90	30	E
Surr: Dibromofluoromethane	1.30		1.271		102	83.3	111		0		
Surr: Toluene-d8	1.26		1.271		99.5	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.25		1.271		98.0	85.1	111		0		

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Work Order: 2009032
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260D/TCLP ZHE

Sample ID: **LCS-29569** SampType: **LCS** Units: **µg/L** Prep Date: **9/3/2020** RunNo: **61628**
Client ID: **LCSW** Batch ID: **29569** Analysis Date: **9/3/2020** SeqNo: **1236292**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	19.7	1.00	20.00	0	98.4	85.7	116				
Surr: Dibromofluoromethane	25.3		25.00		101	83.7	117				
Surr: Toluene-d8	24.8		25.00		99.1	87.6	113				
Surr: 1-Bromo-4-fluorobenzene	26.4		25.00		105	81.2	113				

Sample ID: **MB-29569** SampType: **MBLK** Units: **µg/L** Prep Date: **9/3/2020** RunNo: **61628**
Client ID: **MBLKW** Batch ID: **29569** Analysis Date: **9/3/2020** SeqNo: **1236294**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	ND	1.00									
Surr: Dibromofluoromethane	24.3		25.00		97.3	83.7	117				
Surr: Toluene-d8	25.4		25.00		102	87.6	113				
Surr: 1-Bromo-4-fluorobenzene	25.1		25.00		101	81.2	113				

Sample ID: **MB-29563** SampType: **MBLK** Units: **µg/L** Prep Date: **9/3/2020** RunNo: **61628**
Client ID: **MBLKW** Batch ID: **29569** Analysis Date: **9/3/2020** SeqNo: **1236293**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	ND	1.00									
Surr: Dibromofluoromethane	24.6		25.00		98.5	83.7	117				
Surr: Toluene-d8	26.1		25.00		104	87.6	113				
Surr: 1-Bromo-4-fluorobenzene	23.6		25.00		94.3	81.2	113				

NOTES:
Filter Blank

Sample ID: **2009033-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **9/3/2020** RunNo: **61628**
Client ID: **BATCH** Batch ID: **29569** Analysis Date: **9/3/2020** SeqNo: **1236282**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	ND	1.00						0		30	

Work Order: 2009032
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260D/TCLP ZHE

Sample ID: **2009033-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **9/3/2020** RunNo: **61628**
Client ID: **BATCH** Batch ID: **29569** Analysis Date: **9/3/2020** SeqNo: **1236282**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	24.6		25.00		98.2	83.7	117		0		
Surr: Toluene-d8	25.5		25.00		102	87.6	113		0		
Surr: 1-Bromo-4-fluorobenzene	25.2		25.00		101	81.2	113		0		

Sample ID: **2009041-001BMS** SampType: **MS** Units: **µg/L** Prep Date: **9/3/2020** RunNo: **61628**
Client ID: **BATCH** Batch ID: **29569** Analysis Date: **9/3/2020** SeqNo: **1236288**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	21.4	1.00	20.00	0	107	72.7	130				
Surr: Dibromofluoromethane	25.5		25.00		102	83.7	117				
Surr: Toluene-d8	25.0		25.00		100	87.6	113				
Surr: 1-Bromo-4-fluorobenzene	25.7		25.00		103	81.2	113				

Sample ID: **2009041-001BMSD** SampType: **MSD** Units: **µg/L** Prep Date: **9/3/2020** RunNo: **61628**
Client ID: **BATCH** Batch ID: **29569** Analysis Date: **9/3/2020** SeqNo: **1236289**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	22.1	1.00	20.00	0	111	72.7	130	21.38	3.49	30	
Surr: Dibromofluoromethane	25.1		25.00		100	83.7	117		0		
Surr: Toluene-d8	26.1		25.00		105	87.6	113		0		
Surr: 1-Bromo-4-fluorobenzene	25.9		25.00		104	81.2	113		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2009032**
Logged by:	**Gabrielle Coeuille**	Date Received:	**9/2/2020 9:52:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
9.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
10.	Are samples properly preserved?	Yes ☑	No ☐	
11.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
14.	Does paperwork match bottle labels?	Yes ☑	No ☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
16.	Is it clear what analyses were requested?	Yes ☑	No ☐	
17.	Were all holding times able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	4.5

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 9/2/2020 Page: 1 of: 1
Laboratory Project No (internal): 2007032
Project Name: Maddux North
Special Remarks:
Project No: 160374
Client: Aspect Consulting
Collected by: David Unruh / Kristen Beck
Address: 710 2nd Ave, Ste. 550
Location: Maddux North
City, State, Zip: Seattle, WA, 98104
Report To (PM): A. Yorkofski
Telephone: (206) 413-5411
Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)
Fax:
PM Email: ayorkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260	PCBs 8082	Hold	Comments
1	DW-P23.5-P20-76-N	9/2/20	0725	S															X		
2	DW-P23.5-P20-73-N		0850																X		
3	DW-P24-P20.5-76-N		0730														X	X DW			SAME DAY TAT
4	DW-P24-P20.5-73-N		0855														X	X			
5	DW-P24-P19-76-N		0755														X	X			
6	DW-P24-P20-69-N		0845														X	X			
7	DW-P24-P18.5-67-N		0915														X	X			
8	Trip Blank	—	—	AQ													X				
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x David Unruh	9/2/2020 0949	x	9/2/20 952
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:
- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day 5:00pm (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2009059

September 08, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 10 sample(s) on 9/3/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D
Volatile Organic Compounds by SW8260D/TCLP ZHE

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *09/08/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2009059

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2009059-001	DW-P24-P18.5-76-N	09/03/2020 7:30 AM	09/03/2020 10:28 AM
2009059-002	DW-P23.5-P18.5-67-N	09/03/2020 8:15 AM	09/03/2020 10:28 AM
2009059-003	DW-P24.5-P18-63-N	09/03/2020 9:20 AM	09/03/2020 10:28 AM
2009059-004	DW-P25-P17-63-N	09/03/2020 9:15 AM	09/03/2020 10:28 AM
2009059-005	DW-P26-P17-63-N	09/03/2020 9:10 AM	09/03/2020 10:28 AM
2009059-006	DW-P27-P18-63-N	09/03/2020 9:45 AM	09/03/2020 10:28 AM
2009059-007	DW-P25-P19-63-N	09/03/2020 9:50 AM	09/03/2020 10:28 AM
2009059-008	DW-P26-P18-60-N	09/03/2020 9:40 AM	09/03/2020 10:28 AM
2009059-009	Trip Blank	08/24/2020 12:08 PM	09/03/2020 10:28 AM
2009059-010	SW-DUP-3-N	09/03/2020 9:05 AM	09/03/2020 10:28 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2009059**
Date: **9/8/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2009059**
Date Reported: **9/8/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009059-001 **Collection Date:** 9/3/2020 7:30:00 AM
Client Sample ID: **DW-P24-P18.5-76-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29579		Analyst: TN
Vinyl chloride	ND	1.41	D	mg/Kg-dry	50	9/3/2020 2:34:52 PM
1,1-Dichloroethene	ND	1.41	D	mg/Kg-dry	50	9/3/2020 2:34:52 PM
trans-1,2-Dichloroethene	ND	1.41	D	mg/Kg-dry	50	9/3/2020 2:34:52 PM
cis-1,2-Dichloroethene	ND	1.41	D	mg/Kg-dry	50	9/3/2020 2:34:52 PM
Trichloroethene (TCE)	ND	1.41	D	mg/Kg-dry	50	9/3/2020 2:34:52 PM
Tetrachloroethene (PCE)	3.09	1.41	D	mg/Kg-dry	50	9/3/2020 2:34:52 PM
Surr: Dibromofluoromethane	104	83.3 - 111	D	%Rec	50	9/3/2020 2:34:52 PM
Surr: Toluene-d8	101	87.9 - 111	D	%Rec	50	9/3/2020 2:34:52 PM
Surr: 1-Bromo-4-fluorobenzene	94.6	85.1 - 111	D	%Rec	50	9/3/2020 2:34:52 PM
Volatile Organic Compounds by SW8260D/TCLP ZHE				Batch ID: 29585		Analyst: TN
Tetrachloroethene (PCE)	23.8	10.0	D	µg/L	10	9/4/2020 12:56:48 PM
Surr: Dibromofluoromethane	96.7	83.7 - 117	D	%Rec	10	9/4/2020 12:56:48 PM
Surr: Toluene-d8	102	87.6 - 113	D	%Rec	10	9/4/2020 12:56:48 PM
Surr: 1-Bromo-4-fluorobenzene	102	81.2 - 113	D	%Rec	10	9/4/2020 12:56:48 PM
Sample Moisture (Percent Moisture)				Batch ID: R61643		Analyst: SBM
Percent Moisture	17.0	0.500		wt%	1	9/4/2020 9:39:11 AM

Analytical Report

Work Order: **2009059**
Date Reported: **9/8/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009059-002 **Collection Date:** 9/3/2020 8:15:00 AM
Client Sample ID: **DW-P23.5-P18.5-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29579		Analyst: TN
Vinyl chloride	ND	1.35	D	mg/Kg-dry	50	9/3/2020 3:05:02 PM
1,1-Dichloroethene	ND	1.35	D	mg/Kg-dry	50	9/3/2020 3:05:02 PM
trans-1,2-Dichloroethene	ND	1.35	D	mg/Kg-dry	50	9/3/2020 3:05:02 PM
cis-1,2-Dichloroethene	ND	1.35	D	mg/Kg-dry	50	9/3/2020 3:05:02 PM
Trichloroethene (TCE)	ND	1.35	D	mg/Kg-dry	50	9/3/2020 3:05:02 PM
Tetrachloroethene (PCE)	33.0	1.35	D	mg/Kg-dry	50	9/3/2020 3:05:02 PM
Surr: Dibromofluoromethane	108	83.3 - 111	D	%Rec	50	9/3/2020 3:05:02 PM
Surr: Toluene-d8	101	87.9 - 111	D	%Rec	50	9/3/2020 3:05:02 PM
Surr: 1-Bromo-4-fluorobenzene	94.3	85.1 - 111	D	%Rec	50	9/3/2020 3:05:02 PM
Volatile Organic Compounds by SW8260D/TCLP ZHE				Batch ID: 29585		Analyst: TN
Tetrachloroethene (PCE)	526	100	D	µg/L	100	9/8/2020 10:15:33 AM
Surr: Dibromofluoromethane	96.3	83.7 - 117	D	%Rec	10	9/4/2020 1:27:10 PM
Surr: Toluene-d8	103	87.6 - 113	D	%Rec	10	9/4/2020 1:27:10 PM
Surr: 1-Bromo-4-fluorobenzene	101	81.2 - 113	D	%Rec	10	9/4/2020 1:27:10 PM
Sample Moisture (Percent Moisture)				Batch ID: R61643		Analyst: SBM
Percent Moisture	18.4	0.500		wt%	1	9/4/2020 9:39:11 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009059-003 **Collection Date:** 9/3/2020 9:20:00 AM
Client Sample ID: **DW-P24.5-P18-63-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29579		Analyst: TN
Vinyl chloride	ND	1.12	D	mg/Kg-dry	50	9/3/2020 3:35:10 PM
1,1-Dichloroethene	ND	1.12	D	mg/Kg-dry	50	9/3/2020 3:35:10 PM
trans-1,2-Dichloroethene	ND	1.12	D	mg/Kg-dry	50	9/3/2020 3:35:10 PM
cis-1,2-Dichloroethene	ND	1.12	D	mg/Kg-dry	50	9/3/2020 3:35:10 PM
Trichloroethene (TCE)	ND	1.12	D	mg/Kg-dry	50	9/3/2020 3:35:10 PM
Tetrachloroethene (PCE)	ND	1.12	D	mg/Kg-dry	50	9/3/2020 3:35:10 PM
Surr: Dibromofluoromethane	106	83.3 - 111	D	%Rec	50	9/3/2020 3:35:10 PM
Surr: Toluene-d8	101	87.9 - 111	D	%Rec	50	9/3/2020 3:35:10 PM
Surr: 1-Bromo-4-fluorobenzene	96.0	85.1 - 111	D	%Rec	50	9/3/2020 3:35:10 PM
Sample Moisture (Percent Moisture)				Batch ID: R61643		Analyst: SBM
Percent Moisture	18.9	0.500		wt%	1	9/4/2020 9:39:11 AM

Lab ID: 2009059-004 **Collection Date:** 9/3/2020 9:15:00 AM
Client Sample ID: **DW-P25-P17-63-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29579		Analyst: TN
Vinyl chloride	ND	1.06	D	mg/Kg-dry	50	9/3/2020 4:05:20 PM
1,1-Dichloroethene	ND	1.06	D	mg/Kg-dry	50	9/3/2020 4:05:20 PM
trans-1,2-Dichloroethene	ND	1.06	D	mg/Kg-dry	50	9/3/2020 4:05:20 PM
cis-1,2-Dichloroethene	ND	1.06	D	mg/Kg-dry	50	9/3/2020 4:05:20 PM
Trichloroethene (TCE)	ND	1.06	D	mg/Kg-dry	50	9/3/2020 4:05:20 PM
Tetrachloroethene (PCE)	1.45	1.06	D	mg/Kg-dry	50	9/3/2020 4:05:20 PM
Surr: Dibromofluoromethane	106	83.3 - 111	D	%Rec	50	9/3/2020 4:05:20 PM
Surr: Toluene-d8	101	87.9 - 111	D	%Rec	50	9/3/2020 4:05:20 PM
Surr: 1-Bromo-4-fluorobenzene	95.1	85.1 - 111	D	%Rec	50	9/3/2020 4:05:20 PM
Sample Moisture (Percent Moisture)				Batch ID: R61643		Analyst: SBM
Percent Moisture	18.4	0.500		wt%	1	9/4/2020 9:39:11 AM

Analytical Report

Work Order: **2009059**
Date Reported: **9/8/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009059-005 **Collection Date:** 9/3/2020 9:10:00 AM
Client Sample ID: **DW-P26-P17-63-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29579		Analyst: TN
Vinyl chloride	ND	1.47	D	mg/Kg-dry	50	9/3/2020 4:35:28 PM
1,1-Dichloroethene	ND	1.47	D	mg/Kg-dry	50	9/3/2020 4:35:28 PM
trans-1,2-Dichloroethene	ND	1.47	D	mg/Kg-dry	50	9/3/2020 4:35:28 PM
cis-1,2-Dichloroethene	ND	1.47	D	mg/Kg-dry	50	9/3/2020 4:35:28 PM
Trichloroethene (TCE)	ND	1.47	D	mg/Kg-dry	50	9/3/2020 4:35:28 PM
Tetrachloroethene (PCE)	ND	1.47	D	mg/Kg-dry	50	9/3/2020 4:35:28 PM
Surr: Dibromofluoromethane	106	83.3 - 111	D	%Rec	50	9/3/2020 4:35:28 PM
Surr: Toluene-d8	100	87.9 - 111	D	%Rec	50	9/3/2020 4:35:28 PM
Surr: 1-Bromo-4-fluorobenzene	95.3	85.1 - 111	D	%Rec	50	9/3/2020 4:35:28 PM
Sample Moisture (Percent Moisture)				Batch ID: R61643		Analyst: SBM
Percent Moisture	18.1	0.500		wt%	1	9/4/2020 9:39:11 AM

Analytical Report

Work Order: **2009059**
Date Reported: **9/8/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009059-006 **Collection Date:** 9/3/2020 9:45:00 AM
Client Sample ID: **DW-P27-P18-63-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29579		Analyst: TN
Vinyl chloride	ND	1.21	D	mg/Kg-dry	50	9/3/2020 5:08:56 PM
1,1-Dichloroethene	ND	1.21	D	mg/Kg-dry	50	9/3/2020 5:08:56 PM
trans-1,2-Dichloroethene	ND	1.21	D	mg/Kg-dry	50	9/3/2020 5:08:56 PM
cis-1,2-Dichloroethene	ND	1.21	D	mg/Kg-dry	50	9/3/2020 5:08:56 PM
Trichloroethene (TCE)	ND	1.21	D	mg/Kg-dry	50	9/3/2020 5:08:56 PM
Tetrachloroethene (PCE)	8.38	1.21	D	mg/Kg-dry	50	9/3/2020 5:08:56 PM
Surr: Dibromofluoromethane	108	83.3 - 111	D	%Rec	50	9/3/2020 5:08:56 PM
Surr: Toluene-d8	101	87.9 - 111	D	%Rec	50	9/3/2020 5:08:56 PM
Surr: 1-Bromo-4-fluorobenzene	92.6	85.1 - 111	D	%Rec	50	9/3/2020 5:08:56 PM
Volatile Organic Compounds by SW8260D/TCLP ZHE				Batch ID: 29585		Analyst: TN
Tetrachloroethene (PCE)	159	10.0	D	µg/L	10	9/4/2020 1:57:36 PM
Surr: Dibromofluoromethane	97.1	83.7 - 117	D	%Rec	10	9/4/2020 1:57:36 PM
Surr: Toluene-d8	100	87.6 - 113	D	%Rec	10	9/4/2020 1:57:36 PM
Surr: 1-Bromo-4-fluorobenzene	101	81.2 - 113	D	%Rec	10	9/4/2020 1:57:36 PM
Sample Moisture (Percent Moisture)				Batch ID: R61643		Analyst: SBM
Percent Moisture	22.3	0.500		wt%	1	9/4/2020 9:39:11 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009059-007 **Collection Date:** 9/3/2020 9:50:00 AM
Client Sample ID: **DW-P25-P19-63-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29579		Analyst: TN
Vinyl chloride	ND	1.19	D	mg/Kg-dry	50	9/3/2020 5:39:06 PM
1,1-Dichloroethene	ND	1.19	D	mg/Kg-dry	50	9/3/2020 5:39:06 PM
trans-1,2-Dichloroethene	ND	1.19	D	mg/Kg-dry	50	9/3/2020 5:39:06 PM
cis-1,2-Dichloroethene	ND	1.19	D	mg/Kg-dry	50	9/3/2020 5:39:06 PM
Trichloroethene (TCE)	ND	1.19	D	mg/Kg-dry	50	9/3/2020 5:39:06 PM
Tetrachloroethene (PCE)	ND	1.19	D	mg/Kg-dry	50	9/3/2020 5:39:06 PM
Surr: Dibromofluoromethane	110	83.3 - 111	D	%Rec	50	9/3/2020 5:39:06 PM
Surr: Toluene-d8	99.7	87.9 - 111	D	%Rec	50	9/3/2020 5:39:06 PM
Surr: 1-Bromo-4-fluorobenzene	93.9	85.1 - 111	D	%Rec	50	9/3/2020 5:39:06 PM
Sample Moisture (Percent Moisture)				Batch ID: R61643		Analyst: SBM
Percent Moisture	17.4	0.500		wt%	1	9/4/2020 9:39:11 AM

Lab ID: 2009059-008 **Collection Date:** 9/3/2020 9:40:00 AM
Client Sample ID: **DW-P26-P18-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29591		Analyst: KT
Vinyl chloride	ND	0.0295		mg/Kg-dry	1	9/4/2020 5:15:16 PM
1,1-Dichloroethene	ND	0.0295		mg/Kg-dry	1	9/4/2020 5:15:16 PM
trans-1,2-Dichloroethene	ND	0.0295		mg/Kg-dry	1	9/4/2020 5:15:16 PM
cis-1,2-Dichloroethene	ND	0.0295		mg/Kg-dry	1	9/4/2020 5:15:16 PM
Trichloroethene (TCE)	ND	0.0295		mg/Kg-dry	1	9/4/2020 5:15:16 PM
Tetrachloroethene (PCE)	ND	0.0295		mg/Kg-dry	1	9/4/2020 5:15:16 PM
Surr: Dibromofluoromethane	98.6	83.3 - 111		%Rec	1	9/4/2020 5:15:16 PM
Surr: Toluene-d8	99.3	87.9 - 111		%Rec	1	9/4/2020 5:15:16 PM
Surr: 1-Bromo-4-fluorobenzene	95.1	85.1 - 111		%Rec	1	9/4/2020 5:15:16 PM
Sample Moisture (Percent Moisture)				Batch ID: R61643		Analyst: SBM
Percent Moisture	16.3	0.500		wt%	1	9/4/2020 9:39:11 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009059-009 **Collection Date:** 8/24/2020 12:08:00 PM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29579		Analyst: TN
Vinyl chloride	ND	0.0200		mg/Kg	1	9/3/2020 2:04:45 PM
1,1-Dichloroethene	ND	0.0200		mg/Kg	1	9/3/2020 2:04:45 PM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	9/3/2020 2:04:45 PM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	9/3/2020 2:04:45 PM
Trichloroethene (TCE)	ND	0.0200		mg/Kg	1	9/3/2020 2:04:45 PM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg	1	9/3/2020 2:04:45 PM
Surr: Dibromofluoromethane	102	83.3 - 111		%Rec	1	9/3/2020 2:04:45 PM
Surr: Toluene-d8	101	87.9 - 111		%Rec	1	9/3/2020 2:04:45 PM
Surr: 1-Bromo-4-fluorobenzene	94.8	85.1 - 111		%Rec	1	9/3/2020 2:04:45 PM

Lab ID: 2009059-010 **Collection Date:** 9/3/2020 9:05:00 AM
Client Sample ID: **SW-DUP-3-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29579		Analyst: TN
Vinyl chloride	ND	1.26	D	mg/Kg-dry	50	9/3/2020 7:09:35 PM
1,1-Dichloroethene	ND	1.26	D	mg/Kg-dry	50	9/3/2020 7:09:35 PM
trans-1,2-Dichloroethene	ND	1.26	D	mg/Kg-dry	50	9/3/2020 7:09:35 PM
cis-1,2-Dichloroethene	ND	1.26	D	mg/Kg-dry	50	9/3/2020 7:09:35 PM
Trichloroethene (TCE)	ND	1.26	D	mg/Kg-dry	50	9/3/2020 7:09:35 PM
Tetrachloroethene (PCE)	ND	1.26	D	mg/Kg-dry	50	9/3/2020 7:09:35 PM
Surr: Dibromofluoromethane	112	83.3 - 111	DS	%Rec	50	9/3/2020 7:09:35 PM
Surr: Toluene-d8	101	87.9 - 111	D	%Rec	50	9/3/2020 7:09:35 PM
Surr: 1-Bromo-4-fluorobenzene	94.6	85.1 - 111	D	%Rec	50	9/3/2020 7:09:35 PM

NOTES:
S - Outlying surrogate recovery(ies) observed.

Sample Moisture (Percent Moisture)				Batch ID: R61643		Analyst: SBM
Percent Moisture	16.5	0.500		wt%	1	9/4/2020 9:39:11 AM

CLIENT: Aspect Consulting
Project: Maddux North

Work Order: 2009059
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29579** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/3/2020** RunNo: **61638**
Client ID: **LCSS** Batch ID: **29579** Analysis Date: **9/3/2020** SeqNo: **1236386**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.10	0.0200	1.000	0	110	53.6	138				
1,1-Dichloroethene	1.05	0.0200	1.000	0	105	66	133				
trans-1,2-Dichloroethene	0.989	0.0200	1.000	0	98.9	79.6	115				
cis-1,2-Dichloroethene	1.02	0.0200	1.000	0	102	77.8	115				
Trichloroethene (TCE)	1.02	0.0200	1.000	0	102	79.6	118				
Tetrachloroethene (PCE)	1.00	0.0200	1.000	0	100	78.8	119				
Surr: Dibromofluoromethane	1.32		1.250		105	83.3	111				
Surr: Toluene-d8	1.29		1.250		103	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.28		1.250		102	85.1	111				

Sample ID: **MB-29579** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/3/2020** RunNo: **61638**
Client ID: **MBLKS** Batch ID: **29579** Analysis Date: **9/3/2020** SeqNo: **1236387**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.30		1.250		104	83.3	111				
Surr: Toluene-d8	1.28		1.250		102	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.18		1.250		94.5	85.1	111				

Sample ID: **2009059-007BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/3/2020** RunNo: **61638**
Client ID: **DW-P25-P19-63-N** Batch ID: **29579** Analysis Date: **9/3/2020** SeqNo: **1236377**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.19						0		30	D

Work Order: 2009059
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009059-007BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/3/2020** RunNo: **61638**
Client ID: **DW-P25-P19-63-N** Batch ID: **29579** Analysis Date: **9/3/2020** SeqNo: **1236377**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	1.19						0		30	D
trans-1,2-Dichloroethene	ND	1.19						0		30	D
cis-1,2-Dichloroethene	ND	1.19						0		30	D
Trichloroethene (TCE)	ND	1.19						0		30	D
Tetrachloroethene (PCE)	ND	1.19						0		30	D
Surr: Dibromofluoromethane	81.2		74.41		109	83.3	111		0		D
Surr: Toluene-d8	74.6		74.41		100	87.9	111		0		D
Surr: 1-Bromo-4-fluorobenzene	70.2		74.41		94.3	85.1	111		0		D

Sample ID: **2009059-010BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/3/2020** RunNo: **61638**
Client ID: **SW-DUP-3-N** Batch ID: **29579** Analysis Date: **9/3/2020** SeqNo: **1236399**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	65.4	1.26	63.19	0	103	49.5	138				D
1,1-Dichloroethene	58.3	1.26	63.19	0	92.2	55	138				D
trans-1,2-Dichloroethene	61.0	1.26	63.19	0	96.6	73.1	121				D
cis-1,2-Dichloroethene	61.7	1.26	63.19	0	97.6	71.8	122				D
Trichloroethene (TCE)	60.9	1.26	63.19	0	96.3	70.1	129				D
Tetrachloroethene (PCE)	56.7	1.26	63.19	0	89.7	71.1	122				D
Surr: Dibromofluoromethane	86.7		78.99		110	83.3	111				D
Surr: Toluene-d8	82.3		78.99		104	87.9	111				D
Surr: 1-Bromo-4-fluorobenzene	82.2		78.99		104	85.1	111				D

Sample ID: **2009059-010BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/3/2020** RunNo: **61638**
Client ID: **SW-DUP-3-N** Batch ID: **29579** Analysis Date: **9/3/2020** SeqNo: **1236400**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	68.4	1.26	63.19	0	108	49.5	138	65.37	4.47	30	D
1,1-Dichloroethene	61.5	1.26	63.19	0	97.3	55	138	58.29	5.32	30	D

Work Order: 2009059
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009059-010BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/3/2020** RunNo: **61638**
Client ID: **SW-DUP-3-N** Batch ID: **29579** Analysis Date: **9/3/2020** SeqNo: **1236400**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	63.8	1.26	63.19	0	101	73.1	121	61.02	4.50	30	D
cis-1,2-Dichloroethene	63.6	1.26	63.19	0	101	71.8	122	61.70	3.03	30	D
Trichloroethene (TCE)	63.0	1.26	63.19	0	99.7	70.1	129	60.87	3.44	30	D
Tetrachloroethene (PCE)	59.9	1.26	63.19	0	94.8	71.1	122	56.69	5.49	30	D
Surr: Dibromofluoromethane	87.7		78.99		111	83.3	111		0		D
Surr: Toluene-d8	81.8		78.99		104	87.9	111		0		D
Surr: 1-Bromo-4-fluorobenzene	80.0		78.99		101	85.1	111		0		D

Sample ID: **LCS-29591** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/4/2020** RunNo: **61671**
Client ID: **LCSS** Batch ID: **29591** Analysis Date: **9/4/2020** SeqNo: **1236961**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.892	0.0200	1.000	0	89.2	53.6	138				
1,1-Dichloroethene	0.985	0.0200	1.000	0	98.5	66	133				
trans-1,2-Dichloroethene	0.974	0.0200	1.000	0	97.4	79.6	115				
cis-1,2-Dichloroethene	0.966	0.0200	1.000	0	96.6	77.8	115				
Trichloroethene (TCE)	0.951	0.0200	1.000	0	95.1	79.6	118				
Tetrachloroethene (PCE)	1.00	0.0200	1.000	0	100	78.8	119				
Surr: Dibromofluoromethane	1.22		1.250		97.5	83.3	111				
Surr: Toluene-d8	1.24		1.250		99.0	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.30		1.250		104	85.1	111				

Sample ID: **MB-29591** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/4/2020** RunNo: **61671**
Client ID: **MBLKS** Batch ID: **29591** Analysis Date: **9/4/2020** SeqNo: **1236962**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									

Work Order: 2009059
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29591** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/4/2020** RunNo: **61671**
Client ID: **MBLKS** Batch ID: **29591** Analysis Date: **9/4/2020** SeqNo: **1236962**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.21		1.250		96.9	83.3	111				
Surr: Toluene-d8	1.23		1.250		98.1	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		95.6	85.1	111				

Sample ID: **2009078-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/4/2020** RunNo: **61671**
Client ID: **BATCH** Batch ID: **29591** Analysis Date: **9/4/2020** SeqNo: **1236940**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0167						0		30	
1,1-Dichloroethene	ND	0.0167						0		30	
trans-1,2-Dichloroethene	ND	0.0167						0		30	
cis-1,2-Dichloroethene	ND	0.0167						0		30	
Trichloroethene (TCE)	ND	0.0167						0		30	
Tetrachloroethene (PCE)	0.443	0.0167						0.4498	1.59	30	
Surr: Dibromofluoromethane	1.04		1.042		99.5	83.3	111		0		
Surr: Toluene-d8	1.01		1.042		97.1	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.00		1.042		96.3	85.1	111		0		

Sample ID: **2009097-006BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/4/2020** RunNo: **61671**
Client ID: **BATCH** Batch ID: **29591** Analysis Date: **9/4/2020** SeqNo: **1236944**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0213						0		30	
1,1-Dichloroethene	ND	0.0213						0		30	
trans-1,2-Dichloroethene	ND	0.0213						0		30	
cis-1,2-Dichloroethene	ND	0.0213						0		30	

Work Order: 2009059
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009097-006BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/4/2020** RunNo: **61671**
Client ID: **BATCH** Batch ID: **29591** Analysis Date: **9/4/2020** SeqNo: **1236944**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	ND	0.0213						0		30	
Tetrachloroethene (PCE)	ND	0.0213						0		30	
Surr: Dibromofluoromethane	1.36		1.331		102	83.3	111		0		
Surr: Toluene-d8	1.30		1.331		97.9	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.29		1.331		97.3	85.1	111		0		

Sample ID: **2009097-012BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/4/2020** RunNo: **61671**
Client ID: **BATCH** Batch ID: **29591** Analysis Date: **9/4/2020** SeqNo: **1236951**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.842	0.0190	0.9492	0	88.8	49.5	138				
1,1-Dichloroethene	0.926	0.0190	0.9492	0	97.6	55	138				
trans-1,2-Dichloroethene	1.00	0.0190	0.9492	0	105	73.1	121				
cis-1,2-Dichloroethene	0.994	0.0190	0.9492	0	105	71.8	122				
Trichloroethene (TCE)	0.975	0.0190	0.9492	0	103	70.1	129				
Tetrachloroethene (PCE)	0.991	0.0190	0.9492	0	104	71.1	122				
Surr: Dibromofluoromethane	1.18		1.186		99.2	83.3	111				
Surr: Toluene-d8	1.19		1.186		100	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.186		104	85.1	111				

Sample ID: **2009097-012BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/4/2020** RunNo: **61671**
Client ID: **BATCH** Batch ID: **29591** Analysis Date: **9/4/2020** SeqNo: **1236952**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.797	0.0190	0.9492	0	83.9	49.5	138	0.8424	5.57	30	
1,1-Dichloroethene	0.895	0.0190	0.9492	0	94.3	55	138	0.9260	3.36	30	
trans-1,2-Dichloroethene	0.992	0.0190	0.9492	0	105	73.1	121	0.9997	0.754	30	
cis-1,2-Dichloroethene	0.972	0.0190	0.9492	0	102	71.8	122	0.9937	2.21	30	
Trichloroethene (TCE)	0.951	0.0190	0.9492	0	100	70.1	129	0.9751	2.52	30	

Work Order: 2009059
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009097-012BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/4/2020** RunNo: **61671**
Client ID: **BATCH** Batch ID: **29591** Analysis Date: **9/4/2020** SeqNo: **1236952**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	0.944	0.0190	0.9492	0	99.5	71.1	122	0.9907	4.83	30	
Surr: Dibromofluoromethane	1.18		1.186		99.8	83.3	111		0		
Surr: Toluene-d8	1.17		1.186		98.8	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.21		1.186		102	85.1	111		0		

Work Order: 2009059
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by SW8260D/TCLP ZHE

Sample ID: **LCS-29585** SampType: **LCS** Units: **µg/L** Prep Date: **9/4/2020** RunNo: **61664**
Client ID: **LCSW** Batch ID: **29585** Analysis Date: **9/4/2020** SeqNo: **1236851**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	17.4	1.00	20.00	0	87.1	85.7	116				
Surr: Dibromofluoromethane	24.9		25.00		99.4	83.7	117				
Surr: Toluene-d8	24.7		25.00		99.0	87.6	113				
Surr: 1-Bromo-4-fluorobenzene	25.6		25.00		103	81.2	113				

Sample ID: **MB-29585** SampType: **MBLK** Units: **µg/L** Prep Date: **9/4/2020** RunNo: **61664**
Client ID: **MBLKW** Batch ID: **29585** Analysis Date: **9/4/2020** SeqNo: **1236853**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	ND	1.00									
Surr: Dibromofluoromethane	23.9		25.00		95.7	83.7	117				
Surr: Toluene-d8	24.8		25.00		99.3	87.6	113				
Surr: 1-Bromo-4-fluorobenzene	25.3		25.00		101	81.2	113				

Sample ID: **MB-29582 TCLP** SampType: **MBLK** Units: **µg/L** Prep Date: **9/4/2020** RunNo: **61664**
Client ID: **MBLKW** Batch ID: **29585** Analysis Date: **9/4/2020** SeqNo: **1236852**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	ND	1.00									
Surr: Dibromofluoromethane	24.4		25.00		97.6	83.7	117				
Surr: Toluene-d8	27.3		25.00		109	87.6	113				
Surr: 1-Bromo-4-fluorobenzene	24.5		25.00		98.0	81.2	113				

NOTES:
Filter Blank

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2009059**
Logged by:	**Clare Griggs**	Date Received:	**9/3/2020 10:28:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample	4.3

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 9/3/2020 Page: 1 of: 1

Laboratory Project No (internal): 2009059

Project Name: Maddux North

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste. 550

Collected by: Kristen Beck

City, State, Zip: Seattle, WA, 98104

Location: Maddux North

Telephone: (206) 413-5411

Report To (PM): A. Yonkofski

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260 PCE TCLP			Comments
1	DW-P24-P18.5-76-N	9/3/20	0730	S														X	X			
2	DW-P23.5-P18.5-67-N		0815															X	X			
3	DW-P24.5-P18-63-N		0920															X				
4	DW-P25-P17-63-N		0915															X				~~HOLD~~ KB
5	DW-P26-P17-63-N		0910															X				
6	DW-P27-P18-63-N		0945															X	X			
7	DW-P25-P19-63-N		0950															X				
8	DW-P26-P18-60-N		0940															X				
9	Trip Blank	—	—	AQ														X				
10	SW-DUP-3-N	9/3/20	0905	S														X				

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

☐ Standard
☐ 3 Day
☐ 2 Day
☒ Next Day 24 Hr.
Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	9/3/20 1024	x [signature]	9/3/20 1023
Relinquished	Date/Time	Received	Date/Time
x		x	

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2009136

September 30, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 13 sample(s) on 9/9/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *09/30/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2009136

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2009136-001	SW-P28-72-N	09/09/2020 8:00 AM	09/09/2020 1:37 PM
2009136-002	SW-P26-72-N	09/09/2020 8:10 AM	09/09/2020 1:37 PM
2009136-003	SW-P24-72-N	09/09/2020 8:20 AM	09/09/2020 1:37 PM
2009136-004	SW-P20-77-N	09/09/2020 8:35 AM	09/09/2020 1:37 PM
2009136-005	SW-P18-77-N	09/09/2020 8:55 AM	09/09/2020 1:37 PM
2009136-006	SW-P16-77-N	09/09/2020 9:35 AM	09/09/2020 1:37 PM
2009136-007	SW-P23-P17.5-77-N	09/09/2020 9:05 AM	09/09/2020 1:37 PM
2009136-008	SW-P17.5-77-N	09/09/2020 9:25 AM	09/09/2020 1:37 PM
2009136-009	ST-UST-2	09/09/2020 9:45 AM	09/09/2020 1:37 PM
2009136-010	ST-UST-3	09/09/2020 10:25 AM	09/09/2020 1:37 PM
2009136-011	SW-P9B.5-66-N	09/09/2020 11:45 AM	09/09/2020 1:37 PM
2009136-012	SW-P10A-66-N	09/09/2020 11:50 AM	09/09/2020 1:37 PM
2009136-013	Trip Blank	08/24/2020 12:08 PM	09/09/2020 1:37 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2009136**
Date: **9/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009136-001 **Collection Date:** 9/9/2020 8:00:00 AM
Client Sample ID: **SW-P28-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29630		Analyst: KT
Vinyl chloride	ND	0.0230		mg/Kg-dry	1	9/10/2020 9:48:51 AM
1,1-Dichloroethene	ND	0.0230		mg/Kg-dry	1	9/10/2020 9:48:51 AM
trans-1,2-Dichloroethene	ND	0.0230		mg/Kg-dry	1	9/10/2020 9:48:51 AM
cis-1,2-Dichloroethene	0.0419	0.0230		mg/Kg-dry	1	9/10/2020 9:48:51 AM
Trichloroethene (TCE)	0.0784	0.0230		mg/Kg-dry	1	9/10/2020 9:48:51 AM
Tetrachloroethene (PCE)	3.89	0.230	D	mg/Kg-dry	10	9/10/2020 2:48:56 PM
Surr: Dibromofluoromethane	97.0	83.3 - 111		%Rec	1	9/10/2020 9:48:51 AM
Surr: Toluene-d8	97.8	87.9 - 111		%Rec	1	9/10/2020 9:48:51 AM
Surr: 1-Bromo-4-fluorobenzene	97.0	85.1 - 111		%Rec	1	9/10/2020 9:48:51 AM
Sample Moisture (Percent Moisture)				Batch ID: R61757		Analyst: SBM
Percent Moisture	14.8	0.500		wt%	1	9/10/2020 2:30:54 PM

Lab ID: 2009136-002 **Collection Date:** 9/9/2020 8:10:00 AM
Client Sample ID: **SW-P26-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29630		Analyst: KT
Vinyl chloride	ND	0.0193		mg/Kg-dry	1	9/10/2020 10:18:58 AM
1,1-Dichloroethene	ND	0.0193		mg/Kg-dry	1	9/10/2020 10:18:58 AM
trans-1,2-Dichloroethene	ND	0.0193		mg/Kg-dry	1	9/10/2020 10:18:58 AM
cis-1,2-Dichloroethene	ND	0.0193		mg/Kg-dry	1	9/10/2020 10:18:58 AM
Trichloroethene (TCE)	0.443	0.0193		mg/Kg-dry	1	9/10/2020 10:18:58 AM
Tetrachloroethene (PCE)	13.2	0.965	D	mg/Kg-dry	50	9/10/2020 2:18:48 PM
Surr: Dibromofluoromethane	97.5	83.3 - 111		%Rec	1	9/10/2020 10:18:58 AM
Surr: Toluene-d8	97.0	87.9 - 111		%Rec	1	9/10/2020 10:18:58 AM
Surr: 1-Bromo-4-fluorobenzene	98.7	85.1 - 111		%Rec	1	9/10/2020 10:18:58 AM
Sample Moisture (Percent Moisture)				Batch ID: R61757		Analyst: SBM
Percent Moisture	14.6	0.500		wt%	1	9/10/2020 2:30:54 PM

Analytical Report

Work Order: **2009136**
Date Reported: **9/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009136-003 **Collection Date:** 9/9/2020 8:20:00 AM
Client Sample ID: **SW-P24-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29630		Analyst: KT
Vinyl chloride	ND	0.0197		mg/Kg-dry	1	9/10/2020 1:48:39 PM
1,1-Dichloroethene	ND	0.0197		mg/Kg-dry	1	9/10/2020 1:48:39 PM
trans-1,2-Dichloroethene	ND	0.0197		mg/Kg-dry	1	9/10/2020 1:48:39 PM
cis-1,2-Dichloroethene	ND	0.0197		mg/Kg-dry	1	9/10/2020 1:48:39 PM
Trichloroethene (TCE)	ND	0.0197		mg/Kg-dry	1	9/10/2020 1:48:39 PM
Tetrachloroethene (PCE)	0.619	0.0197		mg/Kg-dry	1	9/10/2020 1:48:39 PM
Surr: Dibromofluoromethane	96.7	83.3 - 111		%Rec	1	9/10/2020 1:48:39 PM
Surr: Toluene-d8	97.4	87.9 - 111		%Rec	1	9/10/2020 1:48:39 PM
Surr: 1-Bromo-4-fluorobenzene	95.2	85.1 - 111		%Rec	1	9/10/2020 1:48:39 PM
Sample Moisture (Percent Moisture)				Batch ID: R61757		Analyst: SBM
Percent Moisture	13.0	0.500		wt%	1	9/10/2020 2:30:54 PM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009136-004 **Collection Date:** 9/9/2020 8:35:00 AM
Client Sample ID: **SW-P20-77-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29630		Analyst: KT
Vinyl chloride	ND	0.0221		mg/Kg-dry	1	9/10/2020 11:19:13 AM
1,1-Dichloroethene	ND	0.0221		mg/Kg-dry	1	9/10/2020 11:19:13 AM
trans-1,2-Dichloroethene	ND	0.0221		mg/Kg-dry	1	9/10/2020 11:19:13 AM
cis-1,2-Dichloroethene	ND	0.0221		mg/Kg-dry	1	9/10/2020 11:19:13 AM
Trichloroethene (TCE)	ND	0.0221		mg/Kg-dry	1	9/10/2020 11:19:13 AM
Tetrachloroethene (PCE)	1.05	0.0221		mg/Kg-dry	1	9/10/2020 11:19:13 AM
Surr: Dibromofluoromethane	98.3	83.3 - 111		%Rec	1	9/10/2020 11:19:13 AM
Surr: Toluene-d8	97.3	87.9 - 111		%Rec	1	9/10/2020 11:19:13 AM
Surr: 1-Bromo-4-fluorobenzene	96.7	85.1 - 111		%Rec	1	9/10/2020 11:19:13 AM
Sample Moisture (Percent Moisture)				Batch ID: R61757		Analyst: SBM
Percent Moisture	22.1	0.500		wt%	1	9/10/2020 2:30:54 PM

Lab ID: 2009136-005 **Collection Date:** 9/9/2020 8:55:00 AM
Client Sample ID: **SW-P18-77-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29763		Analyst: KT
Vinyl chloride	ND	0.0209		mg/Kg-dry	1	9/23/2020 1:49:47 PM
1,1-Dichloroethene	ND	0.0209		mg/Kg-dry	1	9/23/2020 1:49:47 PM
trans-1,2-Dichloroethene	ND	0.0209		mg/Kg-dry	1	9/23/2020 1:49:47 PM
cis-1,2-Dichloroethene	ND	0.0209		mg/Kg-dry	1	9/23/2020 1:49:47 PM
Trichloroethene (TCE)	ND	0.0209		mg/Kg-dry	1	9/23/2020 1:49:47 PM
Tetrachloroethene (PCE)	0.197	0.0209		mg/Kg-dry	1	9/23/2020 1:49:47 PM
Surr: Dibromofluoromethane	95.1	85.2 - 113		%Rec	1	9/23/2020 1:49:47 PM
Surr: Toluene-d8	98.8	88.5 - 110		%Rec	1	9/23/2020 1:49:47 PM
Surr: 1-Bromo-4-fluorobenzene	97.5	88.6 - 109		%Rec	1	9/23/2020 1:49:47 PM
Sample Moisture (Percent Moisture)				Batch ID: R61757		Analyst: SBM
Percent Moisture	11.8	0.500		wt%	1	9/10/2020 2:30:54 PM

Analytical Report

Work Order: **2009136**
Date Reported: **9/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Analytical Report

Work Order: **2009136**
Date Reported: **9/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009136-006 **Collection Date:** 9/9/2020 9:35:00 AM
Client Sample ID: **SW-P16-77-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29636		Analyst: DW
Diesel (Fuel Oil)	ND	21.8		mg/Kg-dry	1	9/10/2020 4:18:53 PM
Heavy Oil	ND	54.6		mg/Kg-dry	1	9/10/2020 4:18:53 PM
Surr: 2-Fluorobiphenyl	87.8	50 - 150		%Rec	1	9/10/2020 4:18:53 PM
Surr: o-Terphenyl	80.2	50 - 150		%Rec	1	9/10/2020 4:18:53 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 29637		Analyst: SG
Naphthalene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
2-Methylnaphthalene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
1-Methylnaphthalene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
Acenaphthylene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
Acenaphthene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
Fluorene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
Phenanthrene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
Anthracene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
Fluoranthene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
Pyrene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
Benz(a)anthracene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
Chrysene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
Benzo(b)fluoranthene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
Benzo(k)fluoranthene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
Benzo(a)pyrene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
Indeno(1,2,3-cd)pyrene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
Dibenz(a,h)anthracene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
Benzo(g,h,i)perylene	ND	43.1		µg/Kg-dry	1	9/10/2020 4:48:53 PM
Surr: 2-Fluorobiphenyl	89.4	16.9 - 122		%Rec	1	9/10/2020 4:48:53 PM
Surr: Terphenyl-d14 (surr)	119	38.4 - 153		%Rec	1	9/10/2020 4:48:53 PM
Gasoline by NWTPH-Gx				Batch ID: 29763		Analyst: KT
Gasoline	ND	5.11		mg/Kg-dry	1	9/23/2020 2:19:55 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	9/23/2020 2:19:55 PM
Surr: 4-Bromofluorobenzene	91.7	65 - 135		%Rec	1	9/23/2020 2:19:55 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29763		Analyst: KT
Vinyl chloride	ND	0.0204		mg/Kg-dry	1	9/23/2020 2:19:55 PM
1,1-Dichloroethene	ND	0.0204		mg/Kg-dry	1	9/23/2020 2:19:55 PM

CLIENT: Aspect Consulting
Project: Maddux North

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 29763 Analyst: KT

trans-1,2-Dichloroethene	ND	0.0204	mg/Kg-dry	1	9/23/2020 2:19:55 PM
cis-1,2-Dichloroethene	ND	0.0204	mg/Kg-dry	1	9/23/2020 2:19:55 PM
Benzene	ND	0.0204	mg/Kg-dry	1	9/23/2020 2:19:55 PM
Trichloroethene (TCE)	ND	0.0204	mg/Kg-dry	1	9/23/2020 2:19:55 PM
Toluene	ND	0.0204	mg/Kg-dry	1	9/23/2020 2:19:55 PM
Tetrachloroethene (PCE)	0.0933	0.0204	mg/Kg-dry	1	9/23/2020 2:19:55 PM
Ethylbenzene	ND	0.0255	mg/Kg-dry	1	9/23/2020 2:19:55 PM
m,p-Xylene	ND	0.0511	mg/Kg-dry	1	9/23/2020 2:19:55 PM
o-Xylene	ND	0.0255	mg/Kg-dry	1	9/23/2020 2:19:55 PM
Surr: Dibromofluoromethane	95.7	85.2 - 113	%Rec	1	9/23/2020 2:19:55 PM
Surr: Toluene-d8	99.4	88.5 - 110	%Rec	1	9/23/2020 2:19:55 PM
Surr: 1-Bromo-4-fluorobenzene	97.0	88.6 - 109	%Rec	1	9/23/2020 2:19:55 PM

Sample Moisture (Percent Moisture)

Batch ID: R61757 Analyst: SBM

Percent Moisture	15.4	0.500	wt%	1	9/10/2020 2:30:54 PM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009136-007 **Collection Date:** 9/9/2020 9:05:00 AM
Client Sample ID: **SW-P23-P17.5-77-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29636		Analyst: DW
Diesel (Fuel Oil)	ND	23.7		mg/Kg-dry	1	9/10/2020 4:49:15 PM
Heavy Oil	ND	59.3		mg/Kg-dry	1	9/10/2020 4:49:15 PM
Surr: 2-Fluorobiphenyl	82.4	50 - 150		%Rec	1	9/10/2020 4:49:15 PM
Surr: o-Terphenyl	76.1	50 - 150		%Rec	1	9/10/2020 4:49:15 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 29637		Analyst: SG
Naphthalene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
2-Methylnaphthalene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
1-Methylnaphthalene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
Acenaphthylene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
Acenaphthene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
Fluorene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
Phenanthrene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
Anthracene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
Fluoranthene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
Pyrene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
Benz(a)anthracene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
Chrysene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
Benzo(b)fluoranthene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
Benzo(k)fluoranthene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
Benzo(a)pyrene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
Indeno(1,2,3-cd)pyrene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
Dibenz(a,h)anthracene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
Benzo(g,h,i)perylene	ND	43.3		µg/Kg-dry	1	9/10/2020 5:10:38 PM
Surr: 2-Fluorobiphenyl	72.7	16.9 - 122		%Rec	1	9/10/2020 5:10:38 PM
Surr: Terphenyl-d14 (surr)	98.4	38.4 - 153		%Rec	1	9/10/2020 5:10:38 PM
Gasoline by NWTPH-Gx				Batch ID: 29704		Analyst: CR
Gasoline	ND	262	D	mg/Kg-dry	50	9/18/2020 3:00:16 PM
Surr: Toluene-d8	101	65 - 135	D	%Rec	50	9/18/2020 3:00:16 PM
Surr: 4-Bromofluorobenzene	101	65 - 135	D	%Rec	50	9/18/2020 3:00:16 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29704		Analyst: CR
Vinyl chloride	ND	1.05	D	mg/Kg-dry	50	9/18/2020 3:00:16 PM
1,1-Dichloroethene	ND	1.05	D	mg/Kg-dry	50	9/18/2020 3:00:16 PM

CLIENT: Aspect Consulting
Project: Maddux North

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 29704 Analyst: CR

trans-1,2-Dichloroethene	ND	1.05	D	mg/Kg-dry	50	9/18/2020 3:00:16 PM
cis-1,2-Dichloroethene	ND	1.05	D	mg/Kg-dry	50	9/18/2020 3:00:16 PM
Benzene	ND	1.05	D	mg/Kg-dry	50	9/18/2020 3:00:16 PM
Trichloroethene (TCE)	ND	1.05	D	mg/Kg-dry	50	9/18/2020 3:00:16 PM
Toluene	ND	1.05	D	mg/Kg-dry	50	9/18/2020 3:00:16 PM
Tetrachloroethene (PCE)	ND	1.05	D	mg/Kg-dry	50	9/18/2020 3:00:16 PM
Ethylbenzene	ND	1.31	D	mg/Kg-dry	50	9/18/2020 3:00:16 PM
m,p-Xylene	ND	2.62	D	mg/Kg-dry	50	9/18/2020 3:00:16 PM
o-Xylene	ND	1.31	D	mg/Kg-dry	50	9/18/2020 3:00:16 PM
Surr: Dibromofluoromethane	104	85.2 - 113	D	%Rec	50	9/18/2020 3:00:16 PM
Surr: Toluene-d8	101	88.5 - 110	D	%Rec	50	9/18/2020 3:00:16 PM
Surr: 1-Bromo-4-fluorobenzene	102	88.6 - 109	D	%Rec	50	9/18/2020 3:00:16 PM

Sample Moisture (Percent Moisture)

Batch ID: R61757 Analyst: SBM

Percent Moisture	18.8	0.500		wt%	1	9/10/2020 2:30:54 PM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009136-008 **Collection Date:** 9/9/2020 9:25:00 AM
Client Sample ID: **SW-P17.5-77-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29636		Analyst: DW
Diesel (Fuel Oil)	ND	22.7		mg/Kg-dry	1	9/10/2020 5:19:26 PM
Heavy Oil	ND	56.8		mg/Kg-dry	1	9/10/2020 5:19:26 PM
Surr: 2-Fluorobiphenyl	86.9	50 - 150		%Rec	1	9/10/2020 5:19:26 PM
Surr: o-Terphenyl	80.0	50 - 150		%Rec	1	9/10/2020 5:19:26 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 29637		Analyst: SG
Naphthalene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
2-Methylnaphthalene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
1-Methylnaphthalene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
Acenaphthylene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
Acenaphthene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
Fluorene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
Phenanthrene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
Anthracene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
Fluoranthene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
Pyrene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
Benz(a)anthracene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
Chrysene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
Benzo(b)fluoranthene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
Benzo(k)fluoranthene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
Benzo(a)pyrene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
Indeno(1,2,3-cd)pyrene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
Dibenz(a,h)anthracene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
Benzo(g,h,i)perylene	ND	45.2		µg/Kg-dry	1	9/10/2020 5:32:27 PM
Surr: 2-Fluorobiphenyl	76.2	16.9 - 122		%Rec	1	9/10/2020 5:32:27 PM
Surr: Terphenyl-d14 (surr)	111	38.4 - 153		%Rec	1	9/10/2020 5:32:27 PM
Gasoline by NWTPH-Gx				Batch ID: 29704		Analyst: CR
Gasoline	ND	257	D	mg/Kg-dry	50	9/18/2020 3:30:26 PM
Surr: Toluene-d8	101	65 - 135	D	%Rec	50	9/18/2020 3:30:26 PM
Surr: 4-Bromofluorobenzene	101	65 - 135	D	%Rec	50	9/18/2020 3:30:26 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29704		Analyst: CR
Vinyl chloride	ND	1.03	D	mg/Kg-dry	50	9/18/2020 3:30:26 PM
1,1-Dichloroethene	ND	1.03	D	mg/Kg-dry	50	9/18/2020 3:30:26 PM

CLIENT: Aspect Consulting
Project: Maddux North

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 29704 Analyst: CR

trans-1,2-Dichloroethene	ND	1.03	D	mg/Kg-dry	50	9/18/2020 3:30:26 PM
cis-1,2-Dichloroethene	ND	1.03	D	mg/Kg-dry	50	9/18/2020 3:30:26 PM
Benzene	ND	1.03	D	mg/Kg-dry	50	9/18/2020 3:30:26 PM
Trichloroethene (TCE)	ND	1.03	D	mg/Kg-dry	50	9/18/2020 3:30:26 PM
Toluene	ND	1.03	D	mg/Kg-dry	50	9/18/2020 3:30:26 PM
Tetrachloroethene (PCE)	ND	1.03	D	mg/Kg-dry	50	9/18/2020 3:30:26 PM
Ethylbenzene	ND	1.28	D	mg/Kg-dry	50	9/18/2020 3:30:26 PM
m,p-Xylene	ND	2.57	D	mg/Kg-dry	50	9/18/2020 3:30:26 PM
o-Xylene	ND	1.28	D	mg/Kg-dry	50	9/18/2020 3:30:26 PM
Surr: Dibromofluoromethane	105	85.2 - 113	D	%Rec	50	9/18/2020 3:30:26 PM
Surr: Toluene-d8	100	88.5 - 110	D	%Rec	50	9/18/2020 3:30:26 PM
Surr: 1-Bromo-4-fluorobenzene	102	88.6 - 109	D	%Rec	50	9/18/2020 3:30:26 PM

Sample Moisture (Percent Moisture)

Batch ID: R61757 Analyst: SBM

Percent Moisture	16.8	0.500		wt%	1	9/10/2020 2:30:54 PM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009136-009 **Collection Date:** 9/9/2020 9:45:00 AM
Client Sample ID: **ST-UST-2** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29636		Analyst: DW
Diesel (Fuel Oil)	6,130	29.7		mg/Kg-dry	1	9/10/2020 12:47:54 PM
Heavy Oil	1,100	74.3		mg/Kg-dry	1	9/10/2020 12:47:54 PM
Surr: 2-Fluorobiphenyl	83.8	50 - 150		%Rec	1	9/10/2020 12:47:54 PM
Surr: o-Terphenyl	86.2	50 - 150		%Rec	1	9/10/2020 12:47:54 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 29637		Analyst: SG
Naphthalene	ND	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
2-Methylnaphthalene	ND	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
1-Methylnaphthalene	1,940	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
Acenaphthylene	ND	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
Acenaphthene	ND	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
Fluorene	612	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
Phenanthrene	569	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
Anthracene	588	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
Fluoranthene	283	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
Pyrene	260	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
Benz(a)anthracene	127	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
Chrysene	145	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
Benzo(b)fluoranthene	100	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
Benzo(k)fluoranthene	70.5	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
Benzo(a)pyrene	ND	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
Indeno(1,2,3-cd)pyrene	ND	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
Dibenz(a,h)anthracene	ND	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
Benzo(g,h,i)perylene	76.7	64.8		µg/Kg-dry	1	9/10/2020 2:38:17 PM
Surr: 2-Fluorobiphenyl	98.7	16.9 - 122		%Rec	1	9/10/2020 2:38:17 PM
Surr: Terphenyl-d14 (surr)	110	38.4 - 153		%Rec	1	9/10/2020 2:38:17 PM
Gasoline by NWTPH-Gx				Batch ID: 29630		Analyst: KT
Gasoline	ND	543	D	mg/Kg-dry	50	9/10/2020 12:18:14 PM
Gasoline Range Organics (C6-C12)	250	543	JD	mg/Kg-dry	50	9/10/2020 12:18:14 PM
Surr: Toluene-d8	97.3	65 - 135	D	%Rec	50	9/10/2020 12:18:14 PM
Surr: 4-Bromofluorobenzene	94.1	65 - 135	D	%Rec	50	9/10/2020 12:18:14 PM

NOTES:
GRO - Indicates the presence of unresolved compounds eluting from hexane to dodecane (~C6-C12).

CLIENT: Aspect Consulting
Project: Maddux North

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 29630 Analyst: KT

Vinyl chloride	ND	2.17	D	mg/Kg-dry	50	9/10/2020 12:18:14 PM
1,1-Dichloroethene	ND	2.17	D	mg/Kg-dry	50	9/10/2020 12:18:14 PM
trans-1,2-Dichloroethene	ND	2.17	D	mg/Kg-dry	50	9/10/2020 12:18:14 PM
cis-1,2-Dichloroethene	ND	2.17	D	mg/Kg-dry	50	9/10/2020 12:18:14 PM
Benzene	ND	2.17	D	mg/Kg-dry	50	9/10/2020 12:18:14 PM
Trichloroethene (TCE)	ND	2.17	D	mg/Kg-dry	50	9/10/2020 12:18:14 PM
Toluene	0.550	2.17	JD	mg/Kg-dry	50	9/10/2020 12:18:14 PM
Tetrachloroethene (PCE)	0.531	2.17	JD	mg/Kg-dry	50	9/10/2020 12:18:14 PM
Ethylbenzene	ND	2.71	D	mg/Kg-dry	50	9/10/2020 12:18:14 PM
m,p-Xylene	0.918	5.43	JD	mg/Kg-dry	50	9/10/2020 12:18:14 PM
o-Xylene	ND	2.71	D	mg/Kg-dry	50	9/10/2020 12:18:14 PM
Surr: Dibromofluoromethane	101	83.3 - 111	D	%Rec	50	9/10/2020 12:18:14 PM
Surr: Toluene-d8	97.3	87.9 - 111	D	%Rec	50	9/10/2020 12:18:14 PM
Surr: 1-Bromo-4-fluorobenzene	98.4	85.1 - 111	D	%Rec	50	9/10/2020 12:18:14 PM

NOTES:
Diluted due to matrix.

Sample Moisture (Percent Moisture)

Batch ID: R61757 Analyst: SBM

Percent Moisture	40.1	0.500		wt%	1	9/10/2020 2:30:54 PM

Analytical Report

Work Order: **2009136**
Date Reported: **9/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009136-010 **Collection Date:** 9/9/2020 10:25:00 AM
Client Sample ID: **ST-UST-3** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29636		Analyst: DW
Diesel (Fuel Oil)	ND	21.5		mg/Kg-dry	1	9/10/2020 1:17:55 PM
Heavy Oil	99.9	53.9		mg/Kg-dry	1	9/10/2020 1:17:55 PM
Surr: 2-Fluorobiphenyl	82.4	50 - 150		%Rec	1	9/10/2020 1:17:55 PM
Surr: o-Terphenyl	75.6	50 - 150		%Rec	1	9/10/2020 1:17:55 PM
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 29637		Analyst: SG
Naphthalene	ND	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
2-Methylnaphthalene	ND	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
1-Methylnaphthalene	ND	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
Acenaphthylene	ND	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
Acenaphthene	ND	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
Fluorene	ND	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
Phenanthrene	ND	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
Anthracene	ND	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
Fluoranthene	79.2	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
Pyrene	69.9	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
Benz(a)anthracene	51.3	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
Chrysene	43.9	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
Benzo(b)fluoranthene	ND	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
Benzo(k)fluoranthene	ND	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
Benzo(a)pyrene	ND	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
Indeno(1,2,3-cd)pyrene	ND	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
Dibenz(a,h)anthracene	ND	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
Benzo(g,h,i)perylene	ND	42.2		µg/Kg-dry	1	9/10/2020 2:16:37 PM
Surr: 2-Fluorobiphenyl	71.0	16.9 - 122		%Rec	1	9/10/2020 2:16:37 PM
Surr: Terphenyl-d14 (surr)	107	38.4 - 153		%Rec	1	9/10/2020 2:16:37 PM
Gasoline by NWTPH-Gx				Batch ID: 29630		Analyst: KT
Gasoline	ND	43.7	DMDL	mg/Kg-dry	50	9/10/2020 12:48:22 PM
Surr: Toluene-d8	97.1	65 - 135	D	%Rec	50	9/10/2020 12:48:22 PM
Surr: 4-Bromofluorobenzene	90.3	65 - 135	D	%Rec	50	9/10/2020 12:48:22 PM

NOTES:
Diluted due to matrix.
MDL - Analyte reported to Method Detection Limit (MDL)

CLIENT: Aspect Consulting
Project: Maddux North

Volatile Organic Compounds by EPA Method 8260D

Batch ID: 29630 Analyst: KT

Vinyl chloride	ND	1.13	D	mg/Kg-dry	50	9/10/2020 12:48:22 PM
1,1-Dichloroethene	ND	1.13	D	mg/Kg-dry	50	9/10/2020 12:48:22 PM
trans-1,2-Dichloroethene	ND	1.13	D	mg/Kg-dry	50	9/10/2020 12:48:22 PM
cis-1,2-Dichloroethene	ND	1.13	D	mg/Kg-dry	50	9/10/2020 12:48:22 PM
Benzene	ND	1.13	D	mg/Kg-dry	50	9/10/2020 12:48:22 PM
Trichloroethene (TCE)	ND	1.13	D	mg/Kg-dry	50	9/10/2020 12:48:22 PM
Toluene	0.386	1.13	JD	mg/Kg-dry	50	9/10/2020 12:48:22 PM
Tetrachloroethene (PCE)	0.366	1.13	JD	mg/Kg-dry	50	9/10/2020 12:48:22 PM
Ethylbenzene	ND	1.42	D	mg/Kg-dry	50	9/10/2020 12:48:22 PM
m,p-Xylene	ND	2.84	D	mg/Kg-dry	50	9/10/2020 12:48:22 PM
o-Xylene	ND	1.42	D	mg/Kg-dry	50	9/10/2020 12:48:22 PM
Surr: Dibromofluoromethane	101	83.3 - 111	D	%Rec	50	9/10/2020 12:48:22 PM
Surr: Toluene-d8	97.3	87.9 - 111	D	%Rec	50	9/10/2020 12:48:22 PM
Surr: 1-Bromo-4-fluorobenzene	97.1	85.1 - 111	D	%Rec	50	9/10/2020 12:48:22 PM

Sample Moisture (Percent Moisture)

Batch ID: R61757 Analyst: SBM

Percent Moisture	17.7	0.500		wt%	1	9/10/2020 2:30:54 PM

Analytical Report

Work Order: **2009136**
Date Reported: **9/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009136-011 **Collection Date:** 9/9/2020 11:45:00 AM
Client Sample ID: **SW-P9B.5-66-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29714		Analyst: DW
Diesel (Fuel Oil)	ND	23.9		mg/Kg-dry	1	9/17/2020 7:35:49 PM
Heavy Oil	ND	59.8		mg/Kg-dry	1	9/18/2020 9:00:38 AM
Surr: 2-Fluorobiphenyl	80.5	50 - 150		%Rec	1	9/17/2020 7:35:49 PM
Surr: o-Terphenyl	74.9	50 - 150		%Rec	1	9/17/2020 7:35:49 PM
Gasoline by NWTPH-Gx				Batch ID: 29763		Analyst: KT
Gasoline	ND	279	D	mg/Kg-dry	50	9/23/2020 9:48:50 AM
Surr: Toluene-d8	97.1	65 - 135	D	%Rec	50	9/23/2020 9:48:50 AM
Surr: 4-Bromofluorobenzene	93.3	65 - 135	D	%Rec	50	9/23/2020 9:48:50 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29734		Analyst: CR
Benzene	ND	1.11	D	mg/Kg-dry	50	9/21/2020 11:51:26 PM
Toluene	ND	1.11	D	mg/Kg-dry	50	9/21/2020 11:51:26 PM
Ethylbenzene	ND	1.39	D	mg/Kg-dry	50	9/21/2020 11:51:26 PM
m,p-Xylene	ND	2.79	D	mg/Kg-dry	50	9/21/2020 11:51:26 PM
o-Xylene	ND	1.39	D	mg/Kg-dry	50	9/21/2020 11:51:26 PM
Surr: Dibromofluoromethane	102	85.2 - 113	D	%Rec	50	9/21/2020 11:51:26 PM
Surr: Toluene-d8	100	88.5 - 110	D	%Rec	50	9/21/2020 11:51:26 PM
Surr: 1-Bromo-4-fluorobenzene	98.2	88.6 - 109	D	%Rec	50	9/21/2020 11:51:26 PM
Sample Moisture (Percent Moisture)				Batch ID: R61965		Analyst: CJ
Percent Moisture	18.2	0.500		wt%	1	9/21/2020 10:07:25 AM

Analytical Report

Work Order: **2009136**
Date Reported: **9/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009136-012 **Collection Date:** 9/9/2020 11:50:00 AM
Client Sample ID: **SW-P10A-66-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29714		Analyst: DW
Diesel (Fuel Oil)	ND	23.7		mg/Kg-dry	1	9/17/2020 8:05:45 PM
Heavy Oil	ND	59.3		mg/Kg-dry	1	9/17/2020 8:05:45 PM
Surr: 2-Fluorobiphenyl	71.4	50 - 150		%Rec	1	9/17/2020 8:05:45 PM
Surr: o-Terphenyl	69.9	50 - 150		%Rec	1	9/17/2020 8:05:45 PM
Gasoline by NWTPH-Gx				Batch ID: 29763		Analyst: KT
Gasoline	ND	258	D	mg/Kg-dry	50	9/23/2020 10:18:56 AM
Surr: Toluene-d8	96.9	65 - 135	D	%Rec	50	9/23/2020 10:18:56 AM
Surr: 4-Bromofluorobenzene	93.2	65 - 135	D	%Rec	50	9/23/2020 10:18:56 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29734		Analyst: CR
Benzene	ND	1.03	D	mg/Kg-dry	50	9/22/2020 12:21:35 AM
Toluene	ND	1.03	D	mg/Kg-dry	50	9/22/2020 12:21:35 AM
Ethylbenzene	ND	1.29	D	mg/Kg-dry	50	9/22/2020 12:21:35 AM
m,p-Xylene	ND	2.58	D	mg/Kg-dry	50	9/22/2020 12:21:35 AM
o-Xylene	ND	1.29	D	mg/Kg-dry	50	9/22/2020 12:21:35 AM
Surr: Dibromofluoromethane	104	85.2 - 113	D	%Rec	50	9/22/2020 12:21:35 AM
Surr: Toluene-d8	101	88.5 - 110	D	%Rec	50	9/22/2020 12:21:35 AM
Surr: 1-Bromo-4-fluorobenzene	98.1	88.6 - 109	D	%Rec	50	9/22/2020 12:21:35 AM
Sample Moisture (Percent Moisture)				Batch ID: R61999		Analyst: CJ
Percent Moisture	20.1	0.500		wt%	1	9/22/2020 10:39:00 AM

Analytical Report

Work Order: **2009136**
Date Reported: **9/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009136-013 **Collection Date:** 8/24/2020 12:08:00 PM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29630		Analyst: KT
Vinyl chloride	ND	0.0200	H	mg/Kg	1	9/10/2020 7:48:19 AM
1,1-Dichloroethene	ND	0.0200	H	mg/Kg	1	9/10/2020 7:48:19 AM
trans-1,2-Dichloroethene	ND	0.0200	H	mg/Kg	1	9/10/2020 7:48:19 AM
cis-1,2-Dichloroethene	ND	0.0200	H	mg/Kg	1	9/10/2020 7:48:19 AM
Trichloroethene (TCE)	ND	0.0200	H	mg/Kg	1	9/10/2020 7:48:19 AM
Tetrachloroethene (PCE)	ND	0.0200	H	mg/Kg	1	9/10/2020 7:48:19 AM
Surr: Dibromofluoromethane	94.8	83.3 - 111	H	%Rec	1	9/10/2020 7:48:19 AM
Surr: Toluene-d8	97.0	87.9 - 111	H	%Rec	1	9/10/2020 7:48:19 AM
Surr: 1-Bromo-4-fluorobenzene	98.4	85.1 - 111	H	%Rec	1	9/10/2020 7:48:19 AM

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-29636**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **9/10/2020**	RunNo: **61756**
Client ID: **MBLKS**	Batch ID: **29636**		Analysis Date: **9/10/2020**	SeqNo: **1238754**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	16.5		20.00		82.4	50	150				
Surr: o-Terphenyl	15.1		20.00		75.3	50	150				

Sample ID: **LCS-29636**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **9/10/2020**	RunNo: **61756**
Client ID: **LCSS**	Batch ID: **29636**		Analysis Date: **9/10/2020**	SeqNo: **1238755**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	417	20.0	500.0	0	83.4	65	135				
Surr: 2-Fluorobiphenyl	16.7		20.00		83.3	50	150				
Surr: o-Terphenyl	17.3		20.00		86.5	50	150				

Sample ID: **2009139-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **9/10/2020**	RunNo: **61756**
Client ID: **BATCH**	Batch ID: **29636**		Analysis Date: **9/10/2020**	SeqNo: **1238757**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	458	19.7	493.4	98.63	72.9	65	135				
Surr: 2-Fluorobiphenyl	17.3		19.74		87.7	50	150				
Surr: o-Terphenyl	18.3		19.74		92.7	50	150				

Sample ID: **2009139-001AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **9/10/2020**	RunNo: **61756**
Client ID: **BATCH**	Batch ID: **29636**		Analysis Date: **9/10/2020**	SeqNo: **1238758**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	543	19.9	496.9	98.63	89.3	65	135	458.5	16.8	30	
Surr: 2-Fluorobiphenyl	16.5		19.88		82.9	50	150		0		
Surr: o-Terphenyl	17.9		19.88		90.1	50	150		0		

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-29714**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **9/17/2020**	RunNo: **61927**
Client ID: **MBLKS**	Batch ID: **29714**		Analysis Date: **9/17/2020**	SeqNo: **1241841**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	15.5		20.00		77.5	50	150				
Surr: o-Terphenyl	14.6		20.00		73.0	50	150				

Sample ID: **2009229-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **9/17/2020**	RunNo: **61927**
Client ID: **BATCH**	Batch ID: **29714**		Analysis Date: **9/17/2020**	SeqNo: **1241848**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	476	21.6	539.2	0	88.2	65	135				
Surr: 2-Fluorobiphenyl	17.0		21.57		78.7	50	150				
Surr: o-Terphenyl	18.8		21.57		87.1	50	150				

Sample ID: **2009229-001AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **9/17/2020**	RunNo: **61927**
Client ID: **BATCH**	Batch ID: **29714**		Analysis Date: **9/17/2020**	SeqNo: **1241849**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	476	21.5	538.7	0	88.3	65	135	475.8	0.0229	30	
Surr: 2-Fluorobiphenyl	17.4		21.55		80.6	50	150		0		
Surr: o-Terphenyl	18.9		21.55		87.8	50	150		0		

Sample ID: **2009239-001ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **9/17/2020**	RunNo: **61927**
Client ID: **BATCH**	Batch ID: **29714**		Analysis Date: **9/18/2020**	SeqNo: **1241860**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	19.7						0		30	
Heavy Oil	ND	49.3						0		30	
Surr: 2-Fluorobiphenyl	15.8		19.72		80.1	50	150		0		
Surr: o-Terphenyl	15.2		19.72		77.3	50	150		0		

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2009239-001ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **9/17/2020**	RunNo: **61927**
Client ID: **BATCH**	Batch ID: **29714**		Analysis Date: **9/18/2020**	SeqNo: **1241860**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **LCS-29714**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **9/17/2020**	RunNo: **61927**
Client ID: **LCSS**	Batch ID: **29714**		Analysis Date: **9/18/2020**	SeqNo: **1241867**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	443	20.0	500.0	0	88.6	65	135				
Surr: 2-Fluorobiphenyl	16.6		20.00		82.8	50	150				
Surr: o-Terphenyl	18.1		20.00		90.4	50	150				

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **MB-29637** SampType: **MBLK** Units: **µg/Kg** Prep Date: **9/10/2020** RunNo: **61760**
Client ID: **MBLKS** Batch ID: **29637** Analysis Date: **9/10/2020** SeqNo: **1238841**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	40.0									
2-Methylnaphthalene	ND	40.0									
1-Methylnaphthalene	ND	40.0									
Acenaphthylene	ND	40.0									
Acenaphthene	ND	40.0									
Fluorene	ND	40.0									
Phenanthrene	ND	40.0									
Anthracene	ND	40.0									
Fluoranthene	ND	40.0									
Pyrene	ND	40.0									
Benz(a)anthracene	ND	40.0									
Chrysene	ND	40.0									
Benzo(b)fluoranthene	ND	40.0									
Benzo(k)fluoranthene	ND	40.0									
Benzo(a)pyrene	ND	40.0									
Indeno(1,2,3-cd)pyrene	ND	40.0									
Dibenz(a,h)anthracene	ND	40.0									
Benzo(g,h,i)perylene	ND	40.0									
Surr: 2-Fluorobiphenyl	515		500.0		103	16.9	122				
Surr: Terphenyl-d14 (surr)	638		500.0		128	38.4	153				

Sample ID: **LCS-29637** SampType: **LCS** Units: **µg/Kg** Prep Date: **9/10/2020** RunNo: **61760**
Client ID: **LCSS** Batch ID: **29637** Analysis Date: **9/10/2020** SeqNo: **1238842**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	848	40.0	1,000	0	84.8	57.2	127				
2-Methylnaphthalene	818	40.0	1,000	0	81.8	55.1	134				
1-Methylnaphthalene	840	40.0	1,000	0	84.0	56.9	136				
Acenaphthylene	895	40.0	1,000	0	89.5	58.5	132				
Acenaphthene	884	40.0	1,000	0	88.4	57.9	132				

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **LCS-29637** SampType: **LCS** Units: **µg/Kg** Prep Date: **9/10/2020** RunNo: **61760**
Client ID: **LCSS** Batch ID: **29637** Analysis Date: **9/10/2020** SeqNo: **1238842**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	849	40.0	1,000	0	84.9	59.2	134				
Phenanthrene	754	40.0	1,000	0	75.4	57.1	135				
Anthracene	782	40.0	1,000	0	78.2	55.7	137				
Fluoranthene	879	40.0	1,000	0	87.9	58.1	134				
Pyrene	899	40.0	1,000	0	89.9	59.6	136				
Benz(a)anthracene	896	40.0	1,000	0	89.6	51.5	139				
Chrysene	886	40.0	1,000	0	88.6	58.3	130				
Benzo(b)fluoranthene	765	40.0	1,000	0	76.5	53.4	138				
Benzo(k)fluoranthene	703	40.0	1,000	0	70.3	50.9	140				
Benzo(a)pyrene	794	40.0	1,000	0	79.4	50.4	143				
Indeno(1,2,3-cd)pyrene	804	40.0	1,000	0	80.4	52.3	138				
Dibenz(a,h)anthracene	812	40.0	1,000	0	81.2	53	140				
Benzo(g,h,i)perylene	818	40.0	1,000	0	81.8	51.7	139				
Surr: 2-Fluorobiphenyl	506		500.0		101	16.9	122				
Surr: Terphenyl-d14 (surr)	610		500.0		122	38.4	153				

Sample ID: **2009125-005AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **9/10/2020** RunNo: **61760**
Client ID: **BATCH** Batch ID: **29637** Analysis Date: **9/10/2020** SeqNo: **1238847**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	867	43.8	1,096	0	79.2	46	106				
2-Methylnaphthalene	874	43.8	1,096	9.001	78.9	45.3	117				
1-Methylnaphthalene	869	43.8	1,096	0	79.3	48.6	116				
Acenaphthylene	934	43.8	1,096	0	85.3	50	114				
Acenaphthene	901	43.8	1,096	0	82.2	54.9	108				
Fluorene	880	43.8	1,096	0	80.3	54.3	110				
Phenanthrene	777	43.8	1,096	0	70.9	48.9	114				
Anthracene	808	43.8	1,096	0	73.7	53.1	111				
Fluoranthene	909	43.8	1,096	0	83.0	48.5	117				
Pyrene	931	43.8	1,096	0	84.9	48.5	121				

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2009125-005AMS** SampType: **MS** Units: **µg/Kg-dry** Prep Date: **9/10/2020** RunNo: **61760**
Client ID: **BATCH** Batch ID: **29637** Analysis Date: **9/10/2020** SeqNo: **1238847**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	953	43.8	1,096	0	87.0	39.9	125				
Chrysene	910	43.8	1,096	0	83.0	46.8	112				
Benzo(b)fluoranthene	898	43.8	1,096	0	82.0	42.4	123				
Benzo(k)fluoranthene	844	43.8	1,096	0	77.0	41.7	122				
Benzo(a)pyrene	842	43.8	1,096	0	76.8	48.2	121				
Indeno(1,2,3-cd)pyrene	832	43.8	1,096	0	76.0	43.6	114				
Dibenz(a,h)anthracene	856	43.8	1,096	0	78.1	43.7	116				
Benzo(g,h,i)perylene	849	43.8	1,096	0	77.5	43.7	115				
Surr: 2-Fluorobiphenyl	474		547.9		86.6	16.9	122				
Surr: Terphenyl-d14 (surr)	586		547.9		107	38.4	153				

Sample ID: **2009125-005AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **9/10/2020** RunNo: **61760**
Client ID: **BATCH** Batch ID: **29637** Analysis Date: **9/10/2020** SeqNo: **1238848**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	813	43.9	1,097	0	74.2	46	106	867.3	6.42	30	
2-Methylnaphthalene	833	43.9	1,097	9.001	75.2	45.3	117	873.9	4.75	30	
1-Methylnaphthalene	819	43.9	1,097	0	74.7	48.6	116	869.0	5.94	30	
Acenaphthylene	883	43.9	1,097	0	80.5	50	114	934.2	5.61	30	
Acenaphthene	847	43.9	1,097	0	77.3	54.9	108	901.0	6.14	30	
Fluorene	819	43.9	1,097	0	74.6	54.3	110	879.9	7.20	30	
Phenanthrene	727	43.9	1,097	0	66.3	48.9	114	777.3	6.66	30	
Anthracene	754	43.9	1,097	0	68.8	53.1	111	807.7	6.87	30	
Fluoranthene	856	43.9	1,097	0	78.0	48.5	117	908.9	6.01	30	
Pyrene	884	43.9	1,097	0	80.6	48.5	121	930.5	5.15	30	
Benz(a)anthracene	895	43.9	1,097	0	81.6	39.9	125	952.9	6.31	30	
Chrysene	851	43.9	1,097	0	77.6	46.8	112	909.5	6.64	30	
Benzo(b)fluoranthene	841	43.9	1,097	0	76.7	42.4	123	898.1	6.55	30	
Benzo(k)fluoranthene	798	43.9	1,097	0	72.7	41.7	122	844.0	5.62	30	
Benzo(a)pyrene	783	43.9	1,097	0	71.4	48.2	121	841.6	7.22	30	

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2009125-005AMSD** SampType: **MSD** Units: **µg/Kg-dry** Prep Date: **9/10/2020** RunNo: **61760**
Client ID: **BATCH** Batch ID: **29637** Analysis Date: **9/10/2020** SeqNo: **1238848**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Indeno(1,2,3-cd)pyrene	780	43.9	1,097	0	71.1	43.6	114	832.3	6.51	30	
Dibenz(a,h)anthracene	788	43.9	1,097	0	71.9	43.7	116	855.6	8.20	30	
Benzo(g,h,i)perylene	794	43.9	1,097	0	72.4	43.7	115	849.1	6.73	30	
Surr: 2-Fluorobiphenyl	452		548.4		82.4	16.9	122		0		
Surr: Terphenyl-d14 (surr)	562		548.4		103	38.4	153		0		

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-29630**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **9/9/2020**	RunNo: **61751**
Client ID: **LCSS**	Batch ID: **29630**		Analysis Date: **9/9/2020**	SeqNo: **1238709**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	21.5	5.00	25.00	0	86.0	65	135				
Surr: Toluene-d8	1.25		1.250		100	65	135				
Surr: 4-Bromofluorobenzene	1.23		1.250		98.7	65	135				

Sample ID: **LCSD-29630**	SampType: **LCSD**	Units: **mg/Kg**	Prep Date: **9/9/2020**	RunNo: **61751**
Client ID: **LCSS02**	Batch ID: **29630**		Analysis Date: **9/9/2020**	SeqNo: **1238710**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	20.0	5.00	25.00	0	80.0	65	135	21.49	7.20	20	
Surr: Toluene-d8	1.26		1.250		101	65	135		0		
Surr: 4-Bromofluorobenzene	1.24		1.250		98.9	65	135		0		

Sample ID: **MB-29630**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **9/9/2020**	RunNo: **61751**
Client ID: **MBLKS**	Batch ID: **29630**		Analysis Date: **9/9/2020**	SeqNo: **1238711**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.22		1.250		97.3	65	135				
Surr: 4-Bromofluorobenzene	1.11		1.250		88.9	65	135				

Sample ID: **2009129-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **9/9/2020**	RunNo: **61751**
Client ID: **BATCH**	Batch ID: **29630**		Analysis Date: **9/10/2020**	SeqNo: **1238704**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	101						0		30	D
Gasoline Range Organics (C6-C12)	466	101						476.5	2.17	30	D
Surr: Toluene-d8	24.4		25.30		96.6	65	135		0		D
Surr: 4-Bromofluorobenzene	25.8		25.30		102	65	135		0		D

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2009129-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **9/9/2020**	RunNo: **61751**
Client ID: **BATCH**	Batch ID: **29630**		Analysis Date: **9/10/2020**	SeqNo: **1238704**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
GRO - Indicates the presence of unresolved compounds eluting from hexane to dodecane (~C6-C12).

Sample ID: **2009139-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **9/9/2020**	RunNo: **61751**
Client ID: **BATCH**	Batch ID: **29630**		Analysis Date: **9/10/2020**	SeqNo: **1238706**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	17.9	4.68						16.74	6.92	30	
Surr: Toluene-d8	1.15		1.170		98.2	65	135		0		
Surr: 4-Bromofluorobenzene	1.21		1.170		103	65	135		0		

Sample ID: **LCS-29704**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **9/17/2020**	RunNo: **61938**
Client ID: **LCSS**	Batch ID: **29704**		Analysis Date: **9/18/2020**	SeqNo: **1242237**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	25.7	5.00	25.00	0	103	65	135				
Surr: Toluene-d8	1.28		1.250		102	65	135				
Surr: 4-Bromofluorobenzene	1.25		1.250		100	65	135				

Sample ID: **MB-29704**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **9/17/2020**	RunNo: **61938**
Client ID: **MBLKS**	Batch ID: **29704**		Analysis Date: **9/18/2020**	SeqNo: **1242283**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.27		1.250		102	65	135				
Surr: 4-Bromofluorobenzene	1.24		1.250		98.9	65	135				

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2009183-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61938**
Client ID: **BATCH** Batch ID: **29704** Analysis Date: **9/18/2020** SeqNo: **1242230**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	10.5						0		30	
Surr: Toluene-d8	2.73		2.637		104	65	135		0		
Surr: 4-Bromofluorobenzene	2.65		2.637		100	65	135		0		

Sample ID: **2009191-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61938**
Client ID: **BATCH** Batch ID: **29704** Analysis Date: **9/18/2020** SeqNo: **1242235**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.52						0		30	
Surr: Toluene-d8	1.16		1.130		102	65	135		0		
Surr: 4-Bromofluorobenzene	1.12		1.130		99.4	65	135		0		

Sample ID: **2009183-003BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61938**
Client ID: **BATCH** Batch ID: **29704** Analysis Date: **9/18/2020** SeqNo: **1242994**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	29.4	6.62	33.08	3.612	77.9	65	135				
Surr: Toluene-d8	1.69		1.654		102	65	135				
Surr: 4-Bromofluorobenzene	1.66		1.654		100	65	135				

Sample ID: **2009183-003BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61938**
Client ID: **BATCH** Batch ID: **29704** Analysis Date: **9/18/2020** SeqNo: **1242995**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	31.6	6.62	33.08	3.612	84.7	65	135	29.38	7.33	30	
Surr: Toluene-d8	1.70		1.654		103	65	135		0		
Surr: 4-Bromofluorobenzene	1.67		1.654		101	65	135		0		

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-29763**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **9/22/2020**	RunNo: **62041**
Client ID: **LCSS**	Batch ID: **29763**		Analysis Date: **9/23/2020**	SeqNo: **1244490**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	27.8	5.00	25.00	0	111	65	135				
Surr: Toluene-d8	1.29		1.250		103	65	135				
Surr: 4-Bromofluorobenzene	1.24		1.250		99.3	65	135				

Sample ID: **MB-29763**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **9/22/2020**	RunNo: **62041**
Client ID: **MBLKS**	Batch ID: **29763**		Analysis Date: **9/23/2020**	SeqNo: **1244478**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.27		1.250		102	65	135				
Surr: 4-Bromofluorobenzene	1.14		1.250		91.3	65	135				

Sample ID: **2009357-003BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **9/22/2020**	RunNo: **62041**
Client ID: **BATCH**	Batch ID: **29763**		Analysis Date: **9/23/2020**	SeqNo: **1244482**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	6.74						0		30	
Surr: Toluene-d8	1.69		1.686		100	65	135		0		
Surr: 4-Bromofluorobenzene	1.53		1.686		90.8	65	135		0		

Sample ID: **2009357-007BMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **9/22/2020**	RunNo: **62041**
Client ID: **BATCH**	Batch ID: **29763**		Analysis Date: **9/23/2020**	SeqNo: **1244487**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	20.6	5.07	25.36	0	81.4	65	135				
Surr: Toluene-d8	1.30		1.268		102	65	135				
Surr: 4-Bromofluorobenzene	1.28		1.268		101	65	135				

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2009357-007BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/22/2020** RunNo: **62041**
Client ID: **BATCH** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1244488**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	20.3	5.07	25.36	0	80.0	65	135	20.65	1.76	30	
Surr: Toluene-d8	1.30		1.268		102	65	135		0		
Surr: 4-Bromofluorobenzene	1.27		1.268		100	65	135		0		

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29630** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/9/2020** RunNo: **61749**
Client ID: **LCSS** Batch ID: **29630** Analysis Date: **9/9/2020** SeqNo: **1238661**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.960	0.0200	1.000	0	96.0	53.6	138				
1,1-Dichloroethene	0.952	0.0200	1.000	0	95.2	66	133				
trans-1,2-Dichloroethene	0.909	0.0200	1.000	0	90.9	79.6	115				
cis-1,2-Dichloroethene	0.891	0.0200	1.000	0	89.1	77.8	115				
Benzene	0.892	0.0200	1.000	0	89.2	80.5	114				
Trichloroethene (TCE)	0.892	0.0200	1.000	0	89.2	79.6	118				
Toluene	0.905	0.0200	1.000	0	90.5	79.6	116				
Tetrachloroethene (PCE)	0.929	0.0200	1.000	0	92.9	78.8	119				
Ethylbenzene	0.915	0.0250	1.000	0	91.5	81.6	116				
m,p-Xylene	1.81	0.0500	2.000	0	90.6	80.9	117				
o-Xylene	0.892	0.0250	1.000	0	89.2	80.8	114				
Surr: Dibromofluoromethane	1.24		1.250		99.2	83.3	111				
Surr: Toluene-d8	1.25		1.250		100	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.26		1.250		101	85.1	111				

Sample ID: **MB-29630** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/9/2020** RunNo: **61749**
Client ID: **MBLKS** Batch ID: **29630** Analysis Date: **9/9/2020** SeqNo: **1238662**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29630** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/9/2020** RunNo: **61749**
Client ID: **MBLKS** Batch ID: **29630** Analysis Date: **9/9/2020** SeqNo: **1238662**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.23		1.250		98.0	83.3	111				
Surr: Toluene-d8	1.24		1.250		99.4	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		95.7	85.1	111				

Sample ID: **2009129-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/9/2020** RunNo: **61749**
Client ID: **BATCH** Batch ID: **29630** Analysis Date: **9/10/2020** SeqNo: **1238644**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.405						0		30	D
1,1-Dichloroethene	ND	0.405						0		30	D
trans-1,2-Dichloroethene	ND	0.405						0		30	D
cis-1,2-Dichloroethene	ND	0.405						0		30	D
Benzene	ND	0.405						0		30	D
Trichloroethene (TCE)	ND	0.405						0		30	D
Toluene	ND	0.405						0		30	D
Tetrachloroethene (PCE)	ND	0.405						0		30	D
Ethylbenzene	ND	0.506						0		30	D
m,p-Xylene	ND	1.01						0		30	D
o-Xylene	ND	0.506						0		30	D
Surr: Dibromofluoromethane	26.8		25.30		106	83.3	111		0		D
Surr: Toluene-d8	24.3		25.30		95.9	87.9	111		0		D
Surr: 1-Bromo-4-fluorobenzene	25.5		25.30		101	85.1	111		0		D

NOTES:
Diluted due to matrix.

Sample ID: **2008404-004BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/9/2020** RunNo: **61749**
Client ID: **BATCH** Batch ID: **29630** Analysis Date: **9/10/2020** SeqNo: **1238640**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.23	0.0243	1.214	0	102	49.5	138				

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008404-004BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/9/2020** RunNo: **61749**
Client ID: **BATCH** Batch ID: **29630** Analysis Date: **9/10/2020** SeqNo: **1238640**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	1.17	0.0243	1.214	0	96.0	55	138				
trans-1,2-Dichloroethene	1.25	0.0243	1.214	0	103	73.1	121				
cis-1,2-Dichloroethene	1.23	0.0243	1.214	0	101	71.8	122				
Benzene	1.13	0.0243	1.214	0	93.4	76.7	119				
Trichloroethene (TCE)	1.12	0.0243	1.214	0	92.3	70.1	129				
Toluene	1.13	0.0243	1.214	0	93.3	74.7	119				
Tetrachloroethene (PCE)	1.13	0.0243	1.214	0.02791	90.5	71.1	122				
Ethylbenzene	1.16	0.0304	1.214	0	95.5	77.1	120				
m,p-Xylene	2.35	0.0607	2.429	0	96.6	76.3	120				
o-Xylene	1.16	0.0304	1.214	0	95.9	76.6	119				
Surr: Dibromofluoromethane	1.58		1.518		104	83.3	111				
Surr: Toluene-d8	1.53		1.518		101	87.9	111				
Surr: 1-Bromo-4-fluorobenzene	1.56		1.518		103	85.1	111				

Sample ID: **2008404-004BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/9/2020** RunNo: **61749**
Client ID: **BATCH** Batch ID: **29630** Analysis Date: **9/10/2020** SeqNo: **1238641**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.12	0.0243	1.214	0	92.5	49.5	138	1.235	9.44	30	
1,1-Dichloroethene	1.03	0.0243	1.214	0	85.0	55	138	1.165	12.1	30	
trans-1,2-Dichloroethene	1.11	0.0243	1.214	0	91.6	73.1	121	1.247	11.4	30	
cis-1,2-Dichloroethene	1.12	0.0243	1.214	0	92.6	71.8	122	1.227	8.70	30	
Benzene	1.06	0.0243	1.214	0	87.2	76.7	119	1.135	6.88	30	
Trichloroethene (TCE)	1.03	0.0243	1.214	0	84.6	70.1	129	1.121	8.68	30	
Toluene	1.06	0.0243	1.214	0	87.1	74.7	119	1.133	6.87	30	
Tetrachloroethene (PCE)	1.03	0.0243	1.214	0.02791	82.5	71.1	122	1.127	9.05	30	
Ethylbenzene	1.06	0.0304	1.214	0	87.7	77.1	120	1.159	8.53	30	
m,p-Xylene	2.15	0.0607	2.429	0	88.5	76.3	120	2.345	8.67	30	
o-Xylene	1.08	0.0304	1.214	0	88.8	76.6	119	1.164	7.62	30	
Surr: Dibromofluoromethane	1.55		1.518		102	83.3	111		0		

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2008404-004BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/9/2020** RunNo: **61749**
Client ID: **BATCH** Batch ID: **29630** Analysis Date: **9/10/2020** SeqNo: **1238641**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	1.51		1.518		99.6	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.54		1.518		101	85.1	111		0		

Sample ID: **2009139-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/9/2020** RunNo: **61749**
Client ID: **BATCH** Batch ID: **29630** Analysis Date: **9/10/2020** SeqNo: **1238657**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0187						0		30	
1,1-Dichloroethene	ND	0.0187						0		30	
trans-1,2-Dichloroethene	ND	0.0187						0		30	
cis-1,2-Dichloroethene	ND	0.0187						0		30	
Benzene	ND	0.0187						0		30	
Trichloroethene (TCE)	ND	0.0187						0		30	
Toluene	ND	0.0187						0		30	
Tetrachloroethene (PCE)	ND	0.0187						0		30	
Ethylbenzene	ND	0.0234						0		30	
m,p-Xylene	ND	0.0468						0		30	
o-Xylene	ND	0.0234						0		30	
Surr: Dibromofluoromethane	1.18		1.170		101	83.3	111		0		
Surr: Toluene-d8	1.14		1.170		97.8	87.9	111		0		
Surr: 1-Bromo-4-fluorobenzene	1.18		1.170		100	85.1	111		0		

Sample ID: **LCS-29704** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/17/2020** RunNo: **61937**
Client ID: **LCSS** Batch ID: **29704** Analysis Date: **9/18/2020** SeqNo: **1242224**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.918	0.0200	1.000	0	91.8	66	131				
1,1-Dichloroethene	0.924	0.0200	1.000	0	92.4	63.4	139				
trans-1,2-Dichloroethene	0.946	0.0200	1.000	0	94.6	80.5	116				

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29704** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/17/2020** RunNo: **61937**
Client ID: **LCSS** Batch ID: **29704** Analysis Date: **9/18/2020** SeqNo: **1242224**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	0.932	0.0200	1.000	0	93.2	81.8	114				
Benzene	0.938	0.0200	1.000	0	93.8	79.4	116				
Trichloroethene (TCE)	0.943	0.0200	1.000	0	94.3	80.8	117				
Toluene	0.947	0.0200	1.000	0	94.7	80.5	115				
Tetrachloroethene (PCE)	0.952	0.0200	1.000	0	95.2	81.8	116				
Ethylbenzene	0.955	0.0250	1.000	0	95.5	81.6	116				
m,p-Xylene	1.91	0.0500	2.000	0	95.5	83.2	115				
o-Xylene	0.953	0.0250	1.000	0	95.3	82.5	114				
Surr: Dibromofluoromethane	1.19		1.250		95.0	85.2	113				
Surr: Toluene-d8	1.25		1.250		100	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.28		1.250		102	88.6	109				

Sample ID: **MB-29704** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/17/2020** RunNo: **61937**
Client ID: **MBLKS** Batch ID: **29704** Analysis Date: **9/18/2020** SeqNo: **1242225**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Surr: Dibromofluoromethane	1.03		1.250		82.1	85.2	113				S
Surr: Toluene-d8	1.23		1.250		98.3	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.250		99.2	88.6	109				

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29704**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **9/17/2020**	RunNo: **61937**
Client ID: **MBLKS**	Batch ID: **29704**		Analysis Date: **9/18/2020**	SeqNo: **1242225**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
S - Outlying surrogate recovery observed.

Sample ID: **2009183-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **9/17/2020**	RunNo: **61937**
Client ID: **BATCH**	Batch ID: **29704**		Analysis Date: **9/18/2020**	SeqNo: **1242215**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0422						0		30	
1,1-Dichloroethene	ND	0.0422						0		30	
trans-1,2-Dichloroethene	ND	0.0422						0		30	
cis-1,2-Dichloroethene	ND	0.0422						0		30	
Benzene	ND	0.0422						0		30	
Trichloroethene (TCE)	ND	0.0422						0		30	
Toluene	ND	0.0422						0		30	
Tetrachloroethene (PCE)	ND	0.0422						0		30	
Ethylbenzene	ND	0.0527						0		30	
m,p-Xylene	ND	0.105						0		30	
o-Xylene	ND	0.0527						0		30	
Surr: Dibromofluoromethane	2.59		2.637		98.1	85.2	113		0		
Surr: Toluene-d8	2.62		2.637		99.5	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	2.65		2.637		101	88.6	109		0		

Sample ID: **2009191-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **9/17/2020**	RunNo: **61937**
Client ID: **BATCH**	Batch ID: **29704**		Analysis Date: **9/18/2020**	SeqNo: **1242220**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0181						0		30	
1,1-Dichloroethene	ND	0.0181						0		30	
trans-1,2-Dichloroethene	ND	0.0181						0		30	
cis-1,2-Dichloroethene	ND	0.0181						0		30	

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009191-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61937**
Client ID: **BATCH** Batch ID: **29704** Analysis Date: **9/18/2020** SeqNo: **1242220**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0181						0		30	
Trichloroethene (TCE)	ND	0.0181						0		30	
Toluene	ND	0.0181						0		30	
Tetrachloroethene (PCE)	0.170	0.0181						0.1695	0.335	30	
Ethylbenzene	ND	0.0226						0		30	
m,p-Xylene	ND	0.0452						0		30	
o-Xylene	ND	0.0226						0		30	
Surr: Dibromofluoromethane	1.13		1.130		100	85.2	113		0		
Surr: Toluene-d8	1.12		1.130		99.1	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.13		1.130		99.9	88.6	109		0		

Sample ID: **2009191-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61937**
Client ID: **BATCH** Batch ID: **29704** Analysis Date: **9/18/2020** SeqNo: **1242965**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.948	0.0226	1.130	0	83.9	52.8	150				
1,1-Dichloroethene	1.21	0.0226	1.130	0	107	62.9	149				
trans-1,2-Dichloroethene	1.08	0.0226	1.130	0	95.9	73.1	130				
cis-1,2-Dichloroethene	1.10	0.0226	1.130	0	97.3	77.5	125				
Benzene	1.12	0.0226	1.130	0	98.8	74.6	126				
Trichloroethene (TCE)	1.13	0.0226	1.130	0	100	72	133				
Toluene	1.12	0.0226	1.130	0	99.4	72.6	127				
Tetrachloroethene (PCE)	1.70	0.0226	1.130	0.5653	100	72.7	128				
Ethylbenzene	1.10	0.0283	1.130	0	97.6	77.3	126				
m,p-Xylene	2.22	0.0565	2.261	0	98.3	78.5	126				
o-Xylene	1.12	0.0283	1.130	0	98.8	79.4	123				
Surr: Dibromofluoromethane	1.51		1.413		107	85.2	113				
Surr: Toluene-d8	1.45		1.413		102	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.46		1.413		103	88.6	109				

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009191-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61937**
Client ID: **BATCH** Batch ID: **29704** Analysis Date: **9/18/2020** SeqNo: **1242966**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.929	0.0226	1.130	0	82.2	52.8	150	0.9482	2.04	30	
1,1-Dichloroethene	1.34	0.0226	1.130	0	119	62.9	149	1.214	10.1	30	
trans-1,2-Dichloroethene	1.05	0.0226	1.130	0	92.7	73.1	130	1.084	3.33	30	
cis-1,2-Dichloroethene	1.05	0.0226	1.130	0	93.0	77.5	125	1.100	4.50	30	
Benzene	1.06	0.0226	1.130	0	93.4	74.6	126	1.117	5.64	30	
Trichloroethene (TCE)	1.10	0.0226	1.130	0	97.3	72	133	1.133	2.93	30	
Toluene	1.07	0.0226	1.130	0	94.5	72.6	127	1.124	5.05	30	
Tetrachloroethene (PCE)	1.66	0.0226	1.130	0.5653	96.6	72.7	128	1.698	2.43	30	
Ethylbenzene	1.07	0.0283	1.130	0	94.6	77.3	126	1.103	3.14	30	
m,p-Xylene	2.16	0.0565	2.261	0	95.5	78.5	126	2.223	2.97	30	
o-Xylene	1.07	0.0283	1.130	0	94.6	79.4	123	1.116	4.35	30	
Surr: Dibromofluoromethane	1.49		1.413		105	85.2	113		0		
Surr: Toluene-d8	1.41		1.413		100	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.46		1.413		103	88.6	109		0		

Sample ID: **LCS-29734** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/21/2020** RunNo: **61970**
Client ID: **LCSS** Batch ID: **29734** Analysis Date: **9/21/2020** SeqNo: **1243093**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.982	0.0200	1.000	0	98.2	79.4	116				
Toluene	1.01	0.0200	1.000	0	101	80.5	115				
Ethylbenzene	1.01	0.0250	1.000	0	101	81.6	116				
m,p-Xylene	2.02	0.0500	2.000	0	101	83.2	115				
o-Xylene	0.992	0.0250	1.000	0	99.2	82.5	114				
Surr: Dibromofluoromethane	1.23		1.250		98.4	85.2	113				
Surr: Toluene-d8	1.26		1.250		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.29		1.250		103	88.6	109				

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29734** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/21/2020** RunNo: **61970**
Client ID: **MBLKS** Batch ID: **29734** Analysis Date: **9/21/2020** SeqNo: **1243094**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0200									
Toluene	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Surr: Dibromofluoromethane	1.09		1.250		86.8	85.2	113				
Surr: Toluene-d8	1.22		1.250		97.4	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.22		1.250		97.3	88.6	109				

Sample ID: **2009268-005BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/21/2020** RunNo: **61970**
Client ID: **BATCH** Batch ID: **29734** Analysis Date: **9/21/2020** SeqNo: **1243087**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0202						0		30	
Toluene	ND	0.0202						0		30	
Ethylbenzene	ND	0.0253						0		30	
m,p-Xylene	ND	0.0506						0		30	
o-Xylene	ND	0.0253						0		30	
Surr: Dibromofluoromethane	1.21		1.265		95.9	85.2	113		0		
Surr: Toluene-d8	1.25		1.265		98.8	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.21		1.265		96.0	88.6	109		0		

Sample ID: **2009169-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/21/2020** RunNo: **61970**
Client ID: **BATCH** Batch ID: **29734** Analysis Date: **9/21/2020** SeqNo: **1243084**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0222						0		30	
Toluene	ND	0.0222						0		30	
Ethylbenzene	ND	0.0277						0		30	

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009169-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/21/2020** RunNo: **61970**
Client ID: **BATCH** Batch ID: **29734** Analysis Date: **9/21/2020** SeqNo: **1243084**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylene	ND	0.0555						0		30	
o-Xylene	ND	0.0277						0		30	
Surr: Dibromofluoromethane	1.36		1.387		97.9	85.2	113		0		
Surr: Toluene-d8	1.39		1.387		99.9	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.31		1.387		94.7	88.6	109		0		

Sample ID: **2009268-006BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/21/2020** RunNo: **61970**
Client ID: **BATCH** Batch ID: **29734** Analysis Date: **9/21/2020** SeqNo: **1243089**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.08	0.0205	1.026	0	105	74.6	126				
Toluene	1.08	0.0205	1.026	0	105	72.6	127				
Ethylbenzene	1.08	0.0257	1.026	0	105	77.3	126				
m,p-Xylene	2.17	0.0513	2.053	0	106	78.5	126				
o-Xylene	1.07	0.0257	1.026	0	104	79.4	123				
Surr: Dibromofluoromethane	1.28		1.283		100	85.2	113				
Surr: Toluene-d8	1.30		1.283		102	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.33		1.283		104	88.6	109				

Sample ID: **2009268-006BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/21/2020** RunNo: **61970**
Client ID: **BATCH** Batch ID: **29734** Analysis Date: **9/21/2020** SeqNo: **1243090**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.11	0.0205	1.026	0	108	74.6	126	1.082	2.42	30	
Toluene	1.12	0.0205	1.026	0	109	72.6	127	1.081	3.29	30	
Ethylbenzene	1.12	0.0257	1.026	0	109	77.3	126	1.078	3.80	30	
m,p-Xylene	2.26	0.0513	2.053	0	110	78.5	126	2.170	3.92	30	
o-Xylene	1.10	0.0257	1.026	0	108	79.4	123	1.071	3.07	30	
Surr: Dibromofluoromethane	1.28		1.283		99.7	85.2	113		0		

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009268-006BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/21/2020** RunNo: **61970**
Client ID: **BATCH** Batch ID: **29734** Analysis Date: **9/21/2020** SeqNo: **1243090**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	1.30		1.283		102	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.34		1.283		105	88.6	109		0		

Sample ID: **LCS-29763** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **LCSS** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245045**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.913	0.0200	1.000	0	91.3	66	131				
1,1-Dichloroethene	1.09	0.0200	1.000	0	109	63.4	139				
trans-1,2-Dichloroethene	1.12	0.0200	1.000	0	112	80.5	116				
cis-1,2-Dichloroethene	1.11	0.0200	1.000	0	111	81.8	114				
Benzene	1.13	0.0200	1.000	0	113	79.4	116				
Trichloroethene (TCE)	1.15	0.0200	1.000	0	115	80.8	117				
Toluene	1.14	0.0200	1.000	0	114	80.5	115				
Tetrachloroethene (PCE)	1.12	0.0200	1.000	0	112	81.8	116				
Ethylbenzene	1.10	0.0250	1.000	0	110	81.6	116				
m,p-Xylene	2.21	0.0500	2.000	0	111	83.2	115				
o-Xylene	1.11	0.0250	1.000	0	111	82.5	114				
Surr: Dibromofluoromethane	1.17		1.250		93.9	85.2	113				
Surr: Toluene-d8	1.20		1.250		96.2	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		95.7	88.6	109				

Sample ID: **MB-29763** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **MBLKS** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245046**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29763** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **MBLKS** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245046**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Surr: Dibromofluoromethane	1.19		1.250		95.2	85.2	113				
Surr: Toluene-d8	1.25		1.250		99.7	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.21		1.250		96.5	88.6	109				

Sample ID: **2009357-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **BATCH** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245035**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0270						0		30	
1,1-Dichloroethene	ND	0.0270						0		30	
trans-1,2-Dichloroethene	ND	0.0270						0		30	
cis-1,2-Dichloroethene	ND	0.0270						0		30	
Benzene	ND	0.0270						0		30	
Trichloroethene (TCE)	ND	0.0270						0		30	
Toluene	ND	0.0270						0		30	
Tetrachloroethene (PCE)	ND	0.0270						0		30	
Ethylbenzene	ND	0.0337						0		30	
m,p-Xylene	ND	0.0674						0		30	
o-Xylene	ND	0.0337						0		30	
Surr: Dibromofluoromethane	1.62		1.686		95.9	85.2	113		0		
Surr: Toluene-d8	1.66		1.686		98.7	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.62		1.686		96.1	88.6	109		0		

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009357-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **BATCH** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245035**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2009357-006BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **BATCH** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245039**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.976	0.0252	1.260	0	77.5	52.8	150				
1,1-Dichloroethene	1.12	0.0252	1.260	0	89.0	62.9	149				
trans-1,2-Dichloroethene	1.20	0.0252	1.260	0	95.0	73.1	130				
cis-1,2-Dichloroethene	1.22	0.0252	1.260	0	97.1	77.5	125				
Benzene	1.22	0.0252	1.260	0	96.5	74.6	126				
Trichloroethene (TCE)	1.24	0.0252	1.260	0	98.4	72	133				
Toluene	1.22	0.0252	1.260	0	96.6	72.6	127				
Tetrachloroethene (PCE)	1.16	0.0252	1.260	0	91.8	72.7	128				
Ethylbenzene	1.23	0.0315	1.260	0	97.6	77.3	126				
m,p-Xylene	2.47	0.0630	2.520	0	98.2	78.5	126				
o-Xylene	1.24	0.0315	1.260	0	98.5	79.4	123				
Surr: Dibromofluoromethane	1.54		1.575		97.5	85.2	113				
Surr: Toluene-d8	1.59		1.575		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.65		1.575		105	88.6	109				

Sample ID: **2009357-006BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **BATCH** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245040**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.01	0.0252	1.260	0	80.3	52.8	150	0.9760	3.64	30	
1,1-Dichloroethene	1.15	0.0252	1.260	0	91.3	62.9	149	1.122	2.51	30	
trans-1,2-Dichloroethene	1.23	0.0252	1.260	0	97.6	73.1	130	1.197	2.71	30	
cis-1,2-Dichloroethene	1.26	0.0252	1.260	0	100	77.5	125	1.224	3.23	30	
Benzene	1.26	0.0252	1.260	0	99.8	74.6	126	1.216	3.35	30	

Work Order: 2009136
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009357-006BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **BATCH** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245040**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	1.27	0.0252	1.260	0	101	72	133	1.240	2.45	30	
Toluene	1.27	0.0252	1.260	0	101	72.6	127	1.217	4.47	30	
Tetrachloroethene (PCE)	1.21	0.0252	1.260	0	95.8	72.7	128	1.156	4.24	30	
Ethylbenzene	1.26	0.0315	1.260	0	99.7	77.3	126	1.229	2.15	30	
m,p-Xylene	2.53	0.0630	2.520	0	100	78.5	126	2.475	2.05	30	
o-Xylene	1.27	0.0315	1.260	0	101	79.4	123	1.240	2.22	30	
Surr: Dibromofluoromethane	1.55		1.575		98.7	85.2	113		0		
Surr: Toluene-d8	1.61		1.575		102	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.62		1.575		103	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2009136**
Logged by:	**Gabrielle Coeuille**	Date Received:	**9/9/2020 1:37:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	2.0

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 9/9/2020 Page: 1 of: 2

Laboratory Project No (internal): 2009136

Project Name: Maddux North

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste 550

Collected by: DWU

City, State, Zip: Seattle, WA, 98104

Location: Maddux North

Telephone: (206) 413-5411

Report To (PM): A. Yonkofski

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Cl, NO3, SO4	Hold			Comments
1	SW-P28-72-N	9/9/20	0800	S														X					
2	SW-P26-72-N		0810																				
3	SW-P24-72-N		0820																				
4	SW-P20-77-N		0835																				
5	SW-P18-77-N		0855																				
6	SW-P16-77-N		0935															X	X				
7	SW-P23-P17.5-N-77-N		0905																				
8	SW-P17.5-77-N		0925																				
9	ST-UST-2		0945																				
10	ST-UST-3		1025																				

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- [X] Standard
- [ ] 3 Day
- [ ] 2 Day
- [ ] Next Day
- Same Day (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	9/9/2020 1337	x [signature]	9/9/20 13:37
Relinquished	Date/Time	Received	Date/Time
x		x	

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 9/9/2020 Page: 2 of: 2

Laboratory Project No (internal): 2009136

Special Remarks:

Project Name: Maddux North

Project No: 160324

Collected by: DW

Location: Maddux North

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 443-5411

Report To (PM): A. Yorkhotski

Fax:

PM Email: ayorkhotski@aspectconsulting.com

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260	HWT 8260			Comments
1	SW-P4B05-66-N	9/9/20	1145	S															X				
2	SW-P10A-66-N	↓	1150	↓															↓				
3	Trip Blank	—	—	AQ															X				
4																							
5																							
6																							
7																							
8																							
9																							
10																							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Turn-around Time:
- [X] Standard
- [ ] 3 Day
- [ ] 2 Day
- [ ] Next Day
- Same Day _____ (specify)

Relinquished	Date/Time	Received	Date/Time
x [signature]	9/9/2020 1337	x [signature]	9/9/20 1337
Relinquished x	Date/Time	Received x	Date/Time

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 9/9/2020 Page: 1 of: 2
Laboratory Project No (internal): 2009136
Project Name: Maddux North
Special Remarks:
Project No: 160324
Collected by: DWU
Location: Maddux North
Report To (PM): A. Yonkofski
Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)
PM Email: ayonkofski@aspectconsulting.com

Client: Aspect Consulting
Address: 710 2nd Ave, Ste 550
City, State, Zip: Seattle, WA, 98104
Telephone: (206) 413-5411
Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Cl, NO3, SO4 (EPA 300.0)	TPH-Dx	NWPTH-Dx	Comments
1	SW-P28-72-N	9/9/20	0800	S														X				
2	SW-P26-72-N		0810																			
3	SW-P24-72-N		0820																			
4	SW-P20-77-N		0835																			
5	SW-P18-77-N		0855																			
6	SW-P16-77-N		0935		X			X			X							X	X				
7	SW-P23-P17.5-N-77-N		0905		X			X			X							X				
8	SW-P17.5-77-N		0925		X			X			X							X				
9	ST-UST-2		0945		X			X			X							X				
10	ST-UST-3		1025		X			X			X							X				

Samples added by AY on 9/10/20

Run these two on 24-hour TAT

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

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Relinquished	Date/Time	Received	Date/Time
x [signature]	9/9/2020 1337	x [signature]	9/9/20 13:37
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:
- [X] Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 9/9/2020 Page: 2 of: 2

Laboratory Project No (internal): 2009136

Project Name: Maddux North

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste. 550

Collected by: DW

City, State, Zip: Seattle, WA, 98104

Location: Maddux North

Telephone: (206) 443-5411

Report To (PM): A. Yorkofski

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: ayorkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cUVOCs	HWID	8260			Comments
1	SW-PMB05-66-N	9/9/20	1145	S															X					
2	SW-P10A-66-N	↓	1650	↓															↓					
3	Trip Blank	—	—	AQ														X						
4																								
5																								
6																								
7																								
8																								
9																								
10																								

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

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***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

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- [ ] 2 Day
- [ ] Next Day
- Same Day _____ (specify)

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Relinquished	Date/Time	Received	Date/Time
x [signature]	9/9/2020 1337	x [signature]	9/9/20 1337
Relinquished x	Date/Time	Received x	Date/Time

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 9/9/2020 Page: 1 of: 2
Laboratory Project No (internal): 2009136
Project Name: Maddux North
Special Remarks:
Project No: 160324
Collected by: DWU
Location: Maddux North
Report To (PM): A. Yonkofski
Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)
PM Email: ayonkofski@aspectconsulting.com

Client: Aspect Consulting
Address: 710 2nd Ave, Ste 550
City, State, Zip: Seattle, WA, 98104
Telephone: (206) 413-5411
Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Cl,SO4 8260	TPH NWPTH-Dx	Comments
1	SW-P28-72-N	9/9/20	0800	S													X			
2	SW-P26-72-N		0810																	
3	SW-P24-72-N		0820																	
4	SW-P20-77-N		0835																	
5	SW-P18-77-N		0855																	
6	SW-P16-77-N		0935		X			X		X						X	X			
7	SW-P23-P17.5-N-77-N		0905		X			X		X						X				
8	SW-P17.5-77-N		0925		X			X		X						X				
9	ST-UST-2		0945		X			X		X						X				
10	ST-UST-3		1025		X			X		X						X				

Samples added by AY on 9/10/20

Run these two on 24-hour TAT

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

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x [signature]	9/9/2020 1337	x [signature]	9/9/20 13:37
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:
- [X] Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
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Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 9/9/2020 Page: 2 of: 2

Laboratory Project No (internal): 2009136

Project Name: Maddux North

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste. 550

Collected by: DW

City, State, Zip: Seattle, WA, 98104

Location: Maddux North

Telephone: (206) 443-5411

Report To (PM): A. Yorkofski

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: ayorkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260	HWT 8260			Comments
1	SW-P4B05-66-N	9/9/20	1145	S		X			X										X				Added analyses on 9/16 per AY.
2	SW-P10A-66-N	↓	1150	↓		X			X										↓				
3	Trip Blank	—	—	AQ														X					
4																							
5																							
6																							
7																							
8																							
9																							
10																							

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x [signature]	9/9/2020 1337	x [signature]	9/9/20 1337
Relinquished x	Date/Time	Received x	Date/Time

Chain of Custody Record & Laboratory Services Agreement

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Tel: 206-352-3790
Fax: 206-352-7178

Date: 9/9/2020 Page: 1 of: 2
Laboratory Project No (internal): 2009136
Project Name: Maddux North
Special Remarks:
Project No: 160324
Collected by: DWU
Location: Maddux North
Report To (PM): A. Yonkofski
Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)
PM Email: ayonkofski@aspectconsulting.com

Client: Aspect Consulting
Address: 710 2nd Ave, Ste 550
City, State, Zip: Seattle, WA, 98104
Telephone: (206) 413-5411
Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260	TPH NWPTH-Dx	Comments
1	SW-P28-72-N	9/9/20	0800	S														X			
2	SW-P26-72-N		0810																		
3	SW-P24-72-N		0820																		
4	SW-P20-77-N		0835																		
5	SW-P18-77-N		0855																		
6	SW-P16-77-N		0935		X			X			X							X	X		
7	SW-P23-P17.5-N-77-N		0905		X			X			X							X			
8	SW-P17.5-77-N		0925		X			X			X							X			
9	ST-UST-2		0945		X			X			X							X			
10	ST-UST-3		1025		X			X			X							X			

re-run cVOCs 005 & 006 per AY 9/23/20 -cg

Samples added by AY on 9/10/20

Run these two on 24-hour TAT

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

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- Same Day (specify)

Relinquished	Date/Time	Received	Date/Time
x [signature]	9/9/2020 1337	x [signature]	9/9/20 13:37
Relinquished	Date/Time	Received	Date/Time
x		x	

Chain of Custody Record & Laboratory Services Agreement

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Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 9/9/2020 Page: 2 of: 2

Laboratory Project No (internal): 2009136

Project Name: Maddux North

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste. 550

Collected by: DW

City, State, Zip: Seattle, WA, 98104

Location: Maddux North

Telephone: (206) 443-5411

Report To (PM): A. Yorkofski

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: ayorkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260	HWT 8260			Comments
1	SW-PAB05-66-N	9/9/20	1145	S		X			X										X				Added analyses on 9/16 per AY.
2	SW-P10A-66-N	↓	1150	↓		X			X										↓				
3	Trip Blank	—	—	AQ														X					
4																							
5																							
6																							
7																							
8																							
9																							
10																							

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x [signature]	9/9/2020 1337	x [signature]	9/9/20 1337
Relinquished x	Date/Time	Received x	Date/Time

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2009157

September 17, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 7 sample(s) on 9/10/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Date: *09/17/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2009157

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2009157-001	SW-P12-72-N	09/10/2020 8:00 AM	09/10/2020 2:05 PM
2009157-002	SW-P14-72-N	09/10/2020 8:05 AM	09/10/2020 2:05 PM
2009157-003	SW-P22-72-N	09/10/2020 11:00 AM	09/10/2020 2:05 PM
2009157-004	SW-P30-72-N	09/10/2020 12:10 PM	09/10/2020 2:05 PM
2009157-005	SW-P32-72-N	09/10/2020 12:00 PM	09/10/2020 2:05 PM
2009157-006	SW-DUP-4-N	09/10/2020 10:20 AM	09/10/2020 2:05 PM
2009157-007	Trip Blank	07/21/2020 11:51 AM	09/10/2020 2:05 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2009157**
Date: **9/17/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009157-003 **Collection Date:** 9/10/2020 11:00:00 AM
Client Sample ID: **SW-P22-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29685		Analyst: KT
Vinyl chloride	ND	1.17	D	mg/Kg-dry	50	9/16/2020 11:38:30 AM
1,1-Dichloroethene	ND	1.17	D	mg/Kg-dry	50	9/16/2020 11:38:30 AM
trans-1,2-Dichloroethene	ND	1.17	D	mg/Kg-dry	50	9/16/2020 11:38:30 AM
cis-1,2-Dichloroethene	ND	1.17	D	mg/Kg-dry	50	9/16/2020 11:38:30 AM
Trichloroethene (TCE)	ND	1.17	D	mg/Kg-dry	50	9/16/2020 11:38:30 AM
Tetrachloroethene (PCE)	ND	1.17	D	mg/Kg-dry	50	9/16/2020 11:38:30 AM
Surr: Dibromofluoromethane	103	85.2 - 113	D	%Rec	50	9/16/2020 11:38:30 AM
Surr: Toluene-d8	100	88.5 - 110	D	%Rec	50	9/16/2020 11:38:30 AM
Surr: 1-Bromo-4-fluorobenzene	102	88.6 - 109	D	%Rec	50	9/16/2020 11:38:30 AM
Sample Moisture (Percent Moisture)				Batch ID: R61877		Analyst: MM
Percent Moisture	17.7	0.500		wt%	1	9/16/2020 11:44:38 AM

Lab ID: 2009157-004 **Collection Date:** 9/10/2020 12:10:00 PM
Client Sample ID: **SW-P30-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29685		Analyst: KT
Vinyl chloride	ND	0.902	D	mg/Kg-dry	50	9/16/2020 12:38:44 PM
1,1-Dichloroethene	ND	0.902	D	mg/Kg-dry	50	9/16/2020 12:38:44 PM
trans-1,2-Dichloroethene	ND	0.902	D	mg/Kg-dry	50	9/16/2020 12:38:44 PM
cis-1,2-Dichloroethene	ND	0.902	D	mg/Kg-dry	50	9/16/2020 12:38:44 PM
Trichloroethene (TCE)	ND	0.902	D	mg/Kg-dry	50	9/16/2020 12:38:44 PM
Tetrachloroethene (PCE)	7.36	0.902	D	mg/Kg-dry	50	9/16/2020 12:38:44 PM
Surr: Dibromofluoromethane	103	85.2 - 113	D	%Rec	50	9/16/2020 12:38:44 PM
Surr: Toluene-d8	98.9	88.5 - 110	D	%Rec	50	9/16/2020 12:38:44 PM
Surr: 1-Bromo-4-fluorobenzene	102	88.6 - 109	D	%Rec	50	9/16/2020 12:38:44 PM
Sample Moisture (Percent Moisture)				Batch ID: R61877		Analyst: MM
Percent Moisture	9.13	0.500		wt%	1	9/16/2020 11:44:38 AM

Analytical Report

Work Order: **2009157**
Date Reported: **9/17/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009157-005 **Collection Date:** 9/10/2020 12:00:00 PM
Client Sample ID: **SW-P32-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29685		Analyst: KT
Vinyl chloride	ND	0.978	D	mg/Kg-dry	50	9/16/2020 1:08:53 PM
1,1-Dichloroethene	ND	0.978	D	mg/Kg-dry	50	9/16/2020 1:08:53 PM
trans-1,2-Dichloroethene	ND	0.978	D	mg/Kg-dry	50	9/16/2020 1:08:53 PM
cis-1,2-Dichloroethene	ND	0.978	D	mg/Kg-dry	50	9/16/2020 1:08:53 PM
Trichloroethene (TCE)	ND	0.978	D	mg/Kg-dry	50	9/16/2020 1:08:53 PM
Tetrachloroethene (PCE)	2.18	0.978	D	mg/Kg-dry	50	9/16/2020 1:08:53 PM
Surr: Dibromofluoromethane	105	85.2 - 113	D	%Rec	50	9/16/2020 1:08:53 PM
Surr: Toluene-d8	99.7	88.5 - 110	D	%Rec	50	9/16/2020 1:08:53 PM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109	D	%Rec	50	9/16/2020 1:08:53 PM
Sample Moisture (Percent Moisture)				Batch ID: R61877		Analyst: MM
Percent Moisture	13.5	0.500		wt%	1	9/16/2020 11:44:38 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009157-006 **Collection Date:** 9/10/2020 10:20:00 AM
Client Sample ID: **SW-DUP-4-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29685		Analyst: KT
Vinyl chloride	ND	1.28	D	mg/Kg-dry	50	9/16/2020 1:39:04 PM
1,1-Dichloroethene	ND	1.28	D	mg/Kg-dry	50	9/16/2020 1:39:04 PM
trans-1,2-Dichloroethene	ND	1.28	D	mg/Kg-dry	50	9/16/2020 1:39:04 PM
cis-1,2-Dichloroethene	ND	1.28	D	mg/Kg-dry	50	9/16/2020 1:39:04 PM
Trichloroethene (TCE)	ND	1.28	D	mg/Kg-dry	50	9/16/2020 1:39:04 PM
Tetrachloroethene (PCE)	ND	1.28	D	mg/Kg-dry	50	9/16/2020 1:39:04 PM
Surr: Dibromofluoromethane	105	85.2 - 113	D	%Rec	50	9/16/2020 1:39:04 PM
Surr: Toluene-d8	100	88.5 - 110	D	%Rec	50	9/16/2020 1:39:04 PM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109	D	%Rec	50	9/16/2020 1:39:04 PM
Sample Moisture (Percent Moisture)				Batch ID: R61877		Analyst: MM
Percent Moisture	17.5	0.500		wt%	1	9/16/2020 11:44:38 AM

Lab ID: 2009157-007 **Collection Date:** 7/21/2020 11:51:00 AM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29685		Analyst: KT
Vinyl chloride	ND	0.0200	H	mg/Kg	1	9/16/2020 11:08:21 AM
1,1-Dichloroethene	ND	0.0200	H	mg/Kg	1	9/16/2020 11:08:21 AM
trans-1,2-Dichloroethene	ND	0.0200	H	mg/Kg	1	9/16/2020 11:08:21 AM
cis-1,2-Dichloroethene	ND	0.0200	H	mg/Kg	1	9/16/2020 11:08:21 AM
Trichloroethene (TCE)	ND	0.0200	H	mg/Kg	1	9/16/2020 11:08:21 AM
Tetrachloroethene (PCE)	ND	0.0200	H	mg/Kg	1	9/16/2020 11:08:21 AM
Surr: Dibromofluoromethane	98.7	85.2 - 113	H	%Rec	1	9/16/2020 11:08:21 AM
Surr: Toluene-d8	98.6	88.5 - 110	H	%Rec	1	9/16/2020 11:08:21 AM
Surr: 1-Bromo-4-fluorobenzene	98.1	88.6 - 109	H	%Rec	1	9/16/2020 11:08:21 AM

Work Order: 2009157
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29685** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/16/2020** RunNo: **61895**
Client ID: **LCSS** Batch ID: **29685** Analysis Date: **9/16/2020** SeqNo: **1241254**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.915	0.0200	1.000	0	91.5	66	131				
1,1-Dichloroethene	0.949	0.0200	1.000	0	94.9	63.4	139				
trans-1,2-Dichloroethene	0.970	0.0200	1.000	0	97.0	80.5	116				
cis-1,2-Dichloroethene	0.962	0.0200	1.000	0	96.2	81.8	114				
Trichloroethene (TCE)	0.956	0.0200	1.000	0	95.6	80.8	117				
Tetrachloroethene (PCE)	0.977	0.0200	1.000	0	97.7	81.8	116				
Surr: Dibromofluoromethane	1.23		1.250		98.4	85.2	113				
Surr: Toluene-d8	1.25		1.250		100	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.28		1.250		102	88.6	109				

Sample ID: **MB-29685** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/16/2020** RunNo: **61895**
Client ID: **MBLKS** Batch ID: **29685** Analysis Date: **9/16/2020** SeqNo: **1241255**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.24		1.250		99.2	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.7	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.26		1.250		101	88.6	109				

Sample ID: **2009157-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/16/2020** RunNo: **61895**
Client ID: **SW-P22-72-N** Batch ID: **29685** Analysis Date: **9/16/2020** SeqNo: **1241232**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.17						0		30	D

Work Order: 2009157
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009157-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/16/2020** RunNo: **61895**
Client ID: **SW-P22-72-N** Batch ID: **29685** Analysis Date: **9/16/2020** SeqNo: **1241232**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	1.17						0		30	D
trans-1,2-Dichloroethene	ND	1.17						0		30	D
cis-1,2-Dichloroethene	ND	1.17						0		30	D
Trichloroethene (TCE)	ND	1.17						0		30	D
Tetrachloroethene (PCE)	ND	1.17						0		30	D
Surr: Dibromofluoromethane	77.0		72.85		106	85.2	113		0		D
Surr: Toluene-d8	72.9		72.85		100	88.5	110		0		D
Surr: 1-Bromo-4-fluorobenzene	74.4		72.85		102	88.6	109		0		D

Sample ID: **2009118-009BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/16/2020** RunNo: **61895**
Client ID: **BATCH** Batch ID: **29685** Analysis Date: **9/16/2020** SeqNo: **1241227**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0438						0		30	
1,1-Dichloroethene	ND	0.0438						0		30	
trans-1,2-Dichloroethene	ND	0.0438						0		30	
cis-1,2-Dichloroethene	ND	0.0438						0		30	
Trichloroethene (TCE)	ND	0.0438						0		30	
Tetrachloroethene (PCE)	ND	0.0438						0		30	
Surr: Dibromofluoromethane	2.69		2.736		98.2	85.2	113		0		
Surr: Toluene-d8	2.70		2.736		98.8	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	2.75		2.736		100	88.6	109		0		

Sample ID: **2009157-004BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/16/2020** RunNo: **61895**
Client ID: **SW-P30-72-N** Batch ID: **29685** Analysis Date: **9/16/2020** SeqNo: **1241234**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	54.8	0.902	45.11	0	121	52.8	150				D
1,1-Dichloroethene	56.0	0.902	45.11	0	124	62.9	149				D

Work Order: 2009157
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009157-004BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/16/2020** RunNo: **61895**
Client ID: **SW-P30-72-N** Batch ID: **29685** Analysis Date: **9/16/2020** SeqNo: **1241234**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	54.4	0.902	45.11	0	121	73.1	130				D
cis-1,2-Dichloroethene	53.6	0.902	45.11	0.3909	118	77.5	125				D
Trichloroethene (TCE)	54.9	0.902	45.11	0.4279	121	72	133				D
Tetrachloroethene (PCE)	64.6	0.902	45.11	7.360	127	72.7	128				D
Surr: Dibromofluoromethane	57.1		56.39		101	85.2	113				D
Surr: Toluene-d8	57.8		56.39		102	88.5	110				D
Surr: 1-Bromo-4-fluorobenzene	58.6		56.39		104	88.6	109				D

Sample ID: **2009157-004BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/16/2020** RunNo: **61895**
Client ID: **SW-P30-72-N** Batch ID: **29685** Analysis Date: **9/16/2020** SeqNo: **1241235**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	54.9	0.902	45.11	0	122	52.8	150	54.80	0.195	30	D
1,1-Dichloroethene	56.0	0.902	45.11	0	124	62.9	149	55.99	0.00109	30	D
trans-1,2-Dichloroethene	53.8	0.902	45.11	0	119	73.1	130	54.39	1.18	30	D
cis-1,2-Dichloroethene	53.3	0.902	45.11	0.3909	117	77.5	125	53.60	0.617	30	D
Trichloroethene (TCE)	53.9	0.902	45.11	0.4279	118	72	133	54.93	1.97	30	D
Tetrachloroethene (PCE)	64.9	0.902	45.11	7.360	128	72.7	128	64.65	0.407	30	D
Surr: Dibromofluoromethane	57.2		56.39		102	85.2	113		0		D
Surr: Toluene-d8	57.4		56.39		102	88.5	110		0		D
Surr: 1-Bromo-4-fluorobenzene	59.0		56.39		105	88.6	109		0		D

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2009157**
Logged by:	**Gabrielle Coeuille**	Date Received:	**9/10/2020 2:05:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐	
2.	How was the sample delivered?	Picked up by FAI			

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐	
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐		
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑	
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐	
7.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐	
8.	Sample(s) in proper container(s)?	Yes ☑	No ☐		
9.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐		
10.	Are samples properly preserved?	Yes ☑	No ☐		
11.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐	
12.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑	
13.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐		
14.	Does paperwork match bottle labels?	Yes ☑	No ☐		
15.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐		
16.	Is it clear what analyses were requested?	Yes ☑	No ☐		
17.	Were all holding times able to be met?	Yes ☑	No ☐		

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑	

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	0.6

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 9/10/20 Page: 1 of: 1
Laboratory Project No (internal): 2009157
Special Remarks:

Client: Aspect Consulting
Address: 710 2nd Ave, Ste. 550
City, State, Zip: Seattle, WA. 98104
Telephone: (206) 413-5411
Fax:

Project Name: Maddux North
Project No: 160324
Collected by: DWU
Location: Maddux North
Report To (PM): A Yorkotsko
PM Email: ayorkotsko@gmail.com

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Hold	cVOCs 8260				Comments
1	SW-P12-72-N	9/10/20	0800	S													X						
2	SW-P14-72-N	↓	0805	↓													↓						
3	SW-P22-72-N	9/10/20	1100															X					
4	SW-P30-72-N		1210															↓					
5	SW-P32-72-N		1200																				
6	SW-DUP-4-N		1020	↓																			
7	Trip Blank	↓	—	AQ																			
8																							
9																							
10																							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
- [X] Standard
- [ ] 3 Day
- [ ] 2 Day
- [ ] Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	9/10/20 1405	x [signature]	9/10/20 14:05
Relinquished	Date/Time	Received	Date/Time
x		x	

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2009157

September 30, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 7 sample(s) on 9/10/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *09/30/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2009157

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2009157-001	SW-P12-72-N	09/10/2020 8:00 AM	09/10/2020 2:05 PM
2009157-002	SW-P14-72-N	09/10/2020 8:05 AM	09/10/2020 2:05 PM
2009157-003	SW-P22-72-N	09/10/2020 11:00 AM	09/10/2020 2:05 PM
2009157-004	SW-P30-72-N	09/10/2020 12:10 PM	09/10/2020 2:05 PM
2009157-005	SW-P32-72-N	09/10/2020 12:00 PM	09/10/2020 2:05 PM
2009157-006	SW-DUP-4-N	09/10/2020 10:20 AM	09/10/2020 2:05 PM
2009157-007	Trip Blank	07/21/2020 11:51 AM	09/10/2020 2:05 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2009157**
Date: **9/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

9/30/2020: Revision 1 includes additional analysis requested by client.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009157-001 **Collection Date:** 9/10/2020 8:00:00 AM
Client Sample ID: **SW-P12-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29763		Analyst: KT
Vinyl chloride	ND	0.0245		mg/Kg-dry	1	9/23/2020 2:50:04 PM
1,1-Dichloroethene	ND	0.0245		mg/Kg-dry	1	9/23/2020 2:50:04 PM
trans-1,2-Dichloroethene	ND	0.0245		mg/Kg-dry	1	9/23/2020 2:50:04 PM
cis-1,2-Dichloroethene	ND	0.0245		mg/Kg-dry	1	9/23/2020 2:50:04 PM
Trichloroethene (TCE)	ND	0.0245		mg/Kg-dry	1	9/23/2020 2:50:04 PM
Tetrachloroethene (PCE)	ND	0.0245		mg/Kg-dry	1	9/23/2020 2:50:04 PM
Surr: Dibromofluoromethane	96.4	85.2 - 113		%Rec	1	9/23/2020 2:50:04 PM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	9/23/2020 2:50:04 PM
Surr: 1-Bromo-4-fluorobenzene	96.7	88.6 - 109		%Rec	1	9/23/2020 2:50:04 PM

NOTES:
9 - Q-Value (for when peaks are zeroed)

Sample Moisture (Percent Moisture)				Batch ID: R62024		Analyst: CJ
Percent Moisture	11.3	0.500		wt%	1	9/23/2020 10:43:05 AM

Lab ID: 2009157-002 **Collection Date:** 9/10/2020 8:05:00 AM
Client Sample ID: **SW-P14-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29763		Analyst: KT
Vinyl chloride	ND	0.0243		mg/Kg-dry	1	9/23/2020 3:20:10 PM
1,1-Dichloroethene	ND	0.0243		mg/Kg-dry	1	9/23/2020 3:20:10 PM
trans-1,2-Dichloroethene	ND	0.0243		mg/Kg-dry	1	9/23/2020 3:20:10 PM
cis-1,2-Dichloroethene	0.113	0.0243		mg/Kg-dry	1	9/23/2020 3:20:10 PM
Trichloroethene (TCE)	0.0538	0.0243		mg/Kg-dry	1	9/23/2020 3:20:10 PM
Tetrachloroethene (PCE)	0.390	0.0243		mg/Kg-dry	1	9/23/2020 3:20:10 PM
Surr: Dibromofluoromethane	95.6	85.2 - 113		%Rec	1	9/23/2020 3:20:10 PM
Surr: Toluene-d8	99.6	88.5 - 110		%Rec	1	9/23/2020 3:20:10 PM
Surr: 1-Bromo-4-fluorobenzene	96.6	88.6 - 109		%Rec	1	9/23/2020 3:20:10 PM

Sample Moisture (Percent Moisture)				Batch ID: R62024		Analyst: CJ
Percent Moisture	16.7	0.500		wt%	1	9/23/2020 10:43:05 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009157-003 **Collection Date:** 9/10/2020 11:00:00 AM
Client Sample ID: **SW-P22-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29763		Analyst: KT
Vinyl chloride	ND	0.0233		mg/Kg-dry	1	9/23/2020 3:50:20 PM
1,1-Dichloroethene	ND	0.0233		mg/Kg-dry	1	9/23/2020 3:50:20 PM
trans-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	9/23/2020 3:50:20 PM
cis-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	9/23/2020 3:50:20 PM
Trichloroethene (TCE)	ND	0.0233		mg/Kg-dry	1	9/23/2020 3:50:20 PM
Tetrachloroethene (PCE)	ND	0.0233		mg/Kg-dry	1	9/23/2020 3:50:20 PM
Surr: Dibromofluoromethane	94.5	85.2 - 113		%Rec	1	9/23/2020 3:50:20 PM
Surr: Toluene-d8	99.4	88.5 - 110		%Rec	1	9/23/2020 3:50:20 PM
Surr: 1-Bromo-4-fluorobenzene	95.7	88.6 - 109		%Rec	1	9/23/2020 3:50:20 PM
Sample Moisture (Percent Moisture)				Batch ID: R61877		Analyst: MM
Percent Moisture	17.7	0.500		wt%	1	9/16/2020 11:44:38 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009157-004 **Collection Date:** 9/10/2020 12:10:00 PM
Client Sample ID: **SW-P30-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29685		Analyst: KT
Vinyl chloride	ND	0.902	D	mg/Kg-dry	50	9/16/2020 12:38:44 PM
1,1-Dichloroethene	ND	0.902	D	mg/Kg-dry	50	9/16/2020 12:38:44 PM
trans-1,2-Dichloroethene	ND	0.902	D	mg/Kg-dry	50	9/16/2020 12:38:44 PM
cis-1,2-Dichloroethene	ND	0.902	D	mg/Kg-dry	50	9/16/2020 12:38:44 PM
Trichloroethene (TCE)	ND	0.902	D	mg/Kg-dry	50	9/16/2020 12:38:44 PM
Tetrachloroethene (PCE)	7.36	0.902	D	mg/Kg-dry	50	9/16/2020 12:38:44 PM
Surr: Dibromofluoromethane	103	85.2 - 113	D	%Rec	50	9/16/2020 12:38:44 PM
Surr: Toluene-d8	98.9	88.5 - 110	D	%Rec	50	9/16/2020 12:38:44 PM
Surr: 1-Bromo-4-fluorobenzene	102	88.6 - 109	D	%Rec	50	9/16/2020 12:38:44 PM
Sample Moisture (Percent Moisture)				Batch ID: R61877		Analyst: MM
Percent Moisture	9.13	0.500		wt%	1	9/16/2020 11:44:38 AM

Lab ID: 2009157-005 **Collection Date:** 9/10/2020 12:00:00 PM
Client Sample ID: **SW-P32-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29685		Analyst: KT
Vinyl chloride	ND	0.978	D	mg/Kg-dry	50	9/16/2020 1:08:53 PM
1,1-Dichloroethene	ND	0.978	D	mg/Kg-dry	50	9/16/2020 1:08:53 PM
trans-1,2-Dichloroethene	ND	0.978	D	mg/Kg-dry	50	9/16/2020 1:08:53 PM
cis-1,2-Dichloroethene	ND	0.978	D	mg/Kg-dry	50	9/16/2020 1:08:53 PM
Trichloroethene (TCE)	ND	0.978	D	mg/Kg-dry	50	9/16/2020 1:08:53 PM
Tetrachloroethene (PCE)	2.18	0.978	D	mg/Kg-dry	50	9/16/2020 1:08:53 PM
Surr: Dibromofluoromethane	105	85.2 - 113	D	%Rec	50	9/16/2020 1:08:53 PM
Surr: Toluene-d8	99.7	88.5 - 110	D	%Rec	50	9/16/2020 1:08:53 PM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109	D	%Rec	50	9/16/2020 1:08:53 PM
Sample Moisture (Percent Moisture)				Batch ID: R61877		Analyst: MM
Percent Moisture	13.5	0.500		wt%	1	9/16/2020 11:44:38 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009157-006 **Collection Date:** 9/10/2020 10:20:00 AM
Client Sample ID: **SW-DUP-4-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29685		Analyst: KT
Vinyl chloride	ND	1.28	D	mg/Kg-dry	50	9/16/2020 1:39:04 PM
1,1-Dichloroethene	ND	1.28	D	mg/Kg-dry	50	9/16/2020 1:39:04 PM
trans-1,2-Dichloroethene	ND	1.28	D	mg/Kg-dry	50	9/16/2020 1:39:04 PM
cis-1,2-Dichloroethene	ND	1.28	D	mg/Kg-dry	50	9/16/2020 1:39:04 PM
Trichloroethene (TCE)	ND	1.28	D	mg/Kg-dry	50	9/16/2020 1:39:04 PM
Tetrachloroethene (PCE)	ND	1.28	D	mg/Kg-dry	50	9/16/2020 1:39:04 PM
Surr: Dibromofluoromethane	105	85.2 - 113	D	%Rec	50	9/16/2020 1:39:04 PM
Surr: Toluene-d8	100	88.5 - 110	D	%Rec	50	9/16/2020 1:39:04 PM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109	D	%Rec	50	9/16/2020 1:39:04 PM
Sample Moisture (Percent Moisture)				Batch ID: R61877		Analyst: MM
Percent Moisture	17.5	0.500		wt%	1	9/16/2020 11:44:38 AM

Lab ID: 2009157-007 **Collection Date:** 7/21/2020 11:51:00 AM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29685		Analyst: KT
Vinyl chloride	ND	0.0200	H	mg/Kg	1	9/16/2020 11:08:21 AM
1,1-Dichloroethene	ND	0.0200	H	mg/Kg	1	9/16/2020 11:08:21 AM
trans-1,2-Dichloroethene	ND	0.0200	H	mg/Kg	1	9/16/2020 11:08:21 AM
cis-1,2-Dichloroethene	ND	0.0200	H	mg/Kg	1	9/16/2020 11:08:21 AM
Trichloroethene (TCE)	ND	0.0200	H	mg/Kg	1	9/16/2020 11:08:21 AM
Tetrachloroethene (PCE)	ND	0.0200	H	mg/Kg	1	9/16/2020 11:08:21 AM
Surr: Dibromofluoromethane	98.7	85.2 - 113	H	%Rec	1	9/16/2020 11:08:21 AM
Surr: Toluene-d8	98.6	88.5 - 110	H	%Rec	1	9/16/2020 11:08:21 AM
Surr: 1-Bromo-4-fluorobenzene	98.1	88.6 - 109	H	%Rec	1	9/16/2020 11:08:21 AM

Work Order: 2009157
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29685** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/16/2020** RunNo: **61895**
Client ID: **LCSS** Batch ID: **29685** Analysis Date: **9/16/2020** SeqNo: **1241254**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.915	0.0200	1.000	0	91.5	66	131				
1,1-Dichloroethene	0.949	0.0200	1.000	0	94.9	63.4	139				
trans-1,2-Dichloroethene	0.970	0.0200	1.000	0	97.0	80.5	116				
cis-1,2-Dichloroethene	0.962	0.0200	1.000	0	96.2	81.8	114				
Trichloroethene (TCE)	0.956	0.0200	1.000	0	95.6	80.8	117				
Tetrachloroethene (PCE)	0.977	0.0200	1.000	0	97.7	81.8	116				
Surr: Dibromofluoromethane	1.23		1.250		98.4	85.2	113				
Surr: Toluene-d8	1.25		1.250		100	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.28		1.250		102	88.6	109				

Sample ID: **MB-29685** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/16/2020** RunNo: **61895**
Client ID: **MBLKS** Batch ID: **29685** Analysis Date: **9/16/2020** SeqNo: **1241255**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.24		1.250		99.2	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.7	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.26		1.250		101	88.6	109				

Sample ID: **2009157-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/16/2020** RunNo: **61895**
Client ID: **SW-P22-72-N** Batch ID: **29685** Analysis Date: **9/16/2020** SeqNo: **1241232**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.17						0		30	D

Work Order: 2009157
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009157-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/16/2020** RunNo: **61895**
Client ID: **SW-P22-72-N** Batch ID: **29685** Analysis Date: **9/16/2020** SeqNo: **1241232**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	1.17						0		30	D
trans-1,2-Dichloroethene	ND	1.17						0		30	D
cis-1,2-Dichloroethene	ND	1.17						0		30	D
Trichloroethene (TCE)	ND	1.17						0		30	D
Tetrachloroethene (PCE)	ND	1.17						0		30	D
Surr: Dibromofluoromethane	77.0		72.85		106	85.2	113		0		D
Surr: Toluene-d8	72.9		72.85		100	88.5	110		0		D
Surr: 1-Bromo-4-fluorobenzene	74.4		72.85		102	88.6	109		0		D

Sample ID: **2009118-009BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/16/2020** RunNo: **61895**
Client ID: **BATCH** Batch ID: **29685** Analysis Date: **9/16/2020** SeqNo: **1241227**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0438						0		30	
1,1-Dichloroethene	ND	0.0438						0		30	
trans-1,2-Dichloroethene	ND	0.0438						0		30	
cis-1,2-Dichloroethene	ND	0.0438						0		30	
Trichloroethene (TCE)	ND	0.0438						0		30	
Tetrachloroethene (PCE)	ND	0.0438						0		30	
Surr: Dibromofluoromethane	2.69		2.736		98.2	85.2	113		0		
Surr: Toluene-d8	2.70		2.736		98.8	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	2.75		2.736		100	88.6	109		0		

Sample ID: **2009157-004BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/16/2020** RunNo: **61895**
Client ID: **SW-P30-72-N** Batch ID: **29685** Analysis Date: **9/16/2020** SeqNo: **1241234**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	54.8	0.902	45.11	0	121	52.8	150				D
1,1-Dichloroethene	56.0	0.902	45.11	0	124	62.9	149				D

Work Order: 2009157
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009157-004BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/16/2020** RunNo: **61895**
Client ID: **SW-P30-72-N** Batch ID: **29685** Analysis Date: **9/16/2020** SeqNo: **1241234**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	54.4	0.902	45.11	0	121	73.1	130				D
cis-1,2-Dichloroethene	53.6	0.902	45.11	0.3909	118	77.5	125				D
Trichloroethene (TCE)	54.9	0.902	45.11	0.4279	121	72	133				D
Tetrachloroethene (PCE)	64.6	0.902	45.11	7.360	127	72.7	128				D
Surr: Dibromofluoromethane	57.1		56.39		101	85.2	113				D
Surr: Toluene-d8	57.8		56.39		102	88.5	110				D
Surr: 1-Bromo-4-fluorobenzene	58.6		56.39		104	88.6	109				D

Sample ID: **2009157-004BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/16/2020** RunNo: **61895**
Client ID: **SW-P30-72-N** Batch ID: **29685** Analysis Date: **9/16/2020** SeqNo: **1241235**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	54.9	0.902	45.11	0	122	52.8	150	54.80	0.195	30	D
1,1-Dichloroethene	56.0	0.902	45.11	0	124	62.9	149	55.99	0.00109	30	D
trans-1,2-Dichloroethene	53.8	0.902	45.11	0	119	73.1	130	54.39	1.18	30	D
cis-1,2-Dichloroethene	53.3	0.902	45.11	0.3909	117	77.5	125	53.60	0.617	30	D
Trichloroethene (TCE)	53.9	0.902	45.11	0.4279	118	72	133	54.93	1.97	30	D
Tetrachloroethene (PCE)	64.9	0.902	45.11	7.360	128	72.7	128	64.65	0.407	30	D
Surr: Dibromofluoromethane	57.2		56.39		102	85.2	113		0		D
Surr: Toluene-d8	57.4		56.39		102	88.5	110		0		D
Surr: 1-Bromo-4-fluorobenzene	59.0		56.39		105	88.6	109		0		D

Sample ID: **LCS-29763** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **LCSS** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245045**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.913	0.0200	1.000	0	91.3	66	131				
1,1-Dichloroethene	1.09	0.0200	1.000	0	109	63.4	139				
trans-1,2-Dichloroethene	1.12	0.0200	1.000	0	112	80.5	116				

Work Order: 2009157
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29763** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **LCSS** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245045**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	1.11	0.0200	1.000	0	111	81.8	114				
Trichloroethene (TCE)	1.15	0.0200	1.000	0	115	80.8	117				
Tetrachloroethene (PCE)	1.12	0.0200	1.000	0	112	81.8	116				
Surr: Dibromofluoromethane	1.17		1.250		93.9	85.2	113				
Surr: Toluene-d8	1.20		1.250		96.2	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		95.7	88.6	109				

Sample ID: **MB-29763** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **MBLKS** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245046**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.19		1.250		95.2	85.2	113				
Surr: Toluene-d8	1.25		1.250		99.7	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.21		1.250		96.5	88.6	109				

Sample ID: **2009357-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **BATCH** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245035**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0270						0		30	
1,1-Dichloroethene	ND	0.0270						0		30	
trans-1,2-Dichloroethene	ND	0.0270						0		30	
cis-1,2-Dichloroethene	ND	0.0270						0		30	

Work Order: 2009157
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009357-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **BATCH** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245035**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	ND	0.0270						0		30	
Tetrachloroethene (PCE)	ND	0.0270						0		30	
Surr: Dibromofluoromethane	1.62		1.686		95.9	85.2	113		0		
Surr: Toluene-d8	1.66		1.686		98.7	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.62		1.686		96.1	88.6	109		0		

Sample ID: **2009357-006BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **BATCH** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245039**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.976	0.0252	1.260	0	77.5	52.8	150				
1,1-Dichloroethene	1.12	0.0252	1.260	0	89.0	62.9	149				
trans-1,2-Dichloroethene	1.20	0.0252	1.260	0	95.0	73.1	130				
cis-1,2-Dichloroethene	1.22	0.0252	1.260	0	97.1	77.5	125				
Trichloroethene (TCE)	1.24	0.0252	1.260	0	98.4	72	133				
Tetrachloroethene (PCE)	1.16	0.0252	1.260	0	91.8	72.7	128				
Surr: Dibromofluoromethane	1.54		1.575		97.5	85.2	113				
Surr: Toluene-d8	1.59		1.575		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.65		1.575		105	88.6	109				

Sample ID: **2009357-006BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **BATCH** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245040**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.01	0.0252	1.260	0	80.3	52.8	150	0.9760	3.64	30	
1,1-Dichloroethene	1.15	0.0252	1.260	0	91.3	62.9	149	1.122	2.51	30	
trans-1,2-Dichloroethene	1.23	0.0252	1.260	0	97.6	73.1	130	1.197	2.71	30	
cis-1,2-Dichloroethene	1.26	0.0252	1.260	0	100	77.5	125	1.224	3.23	30	
Trichloroethene (TCE)	1.27	0.0252	1.260	0	101	72	133	1.240	2.45	30	

Work Order: 2009157
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009357-006BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **BATCH** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245040**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	1.21	0.0252	1.260	0	95.8	72.7	128	1.156	4.24	30	
Surr: Dibromofluoromethane	1.55		1.575		98.7	85.2	113		0		
Surr: Toluene-d8	1.61		1.575		102	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.62		1.575		103	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2009157**
Logged by:	**Gabrielle Coeuille**	Date Received:	**9/10/2020 2:05:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	0.6

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

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Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 9/10/20 Page: 1 of: 1
Laboratory Project No (internal): 2009157
Special Remarks:

Client: Aspect Consulting
Address: 710 2nd Ave, Ste. 550
City, State, Zip: Seattle, WA. 98104
Telephone: (206) 413-5411
Fax:

Project Name: Maddux North
Project No: 160324
Collected by: DWU
Location: Maddux North
Report To (PM): A Yorkotsko
PM Email: ayorkotsko@gmail.com

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Hold	cVOCs 8260				Comments
1	SW-P12-72-N	9/10/20	0800	S													X						
2	SW-P14-72-N	↓	0805	↓													↓						
3	SW-P22-72-N	9/10/20	1100															X					
4	SW-P30-72-N		1210															↓					
5	SW-P32-72-N		1200																				
6	SW-DUP-4-N		1020	↓																			
7	Trip Blank	↓	—	AQ																			
8																							
9																							
10																							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
- [X] Standard
- [ ] 3 Day
- [ ] 2 Day
- [ ] Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	9/10/20 1405	x [signature]	9/10/20 14:05
Relinquished	Date/Time	Received	Date/Time
x		x	

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 9/10/20 | Page: 1 of: 1 | Laboratory Project No (internal): 2009157

Special Remarks: X = run per AY 9/23/20 -cg

Project Name: Maddux North
Project No: 160324
Collected by: DWU
Location: Maddux North
Report To (PM): A Yorkotsko
PM Email: ayorkotsko@gmail.com

Client: Aspect Consulting
Address: 710 2nd Ave, Ste. 550
City, State, Zip: Seattle, WA, 98104
Telephone: (206) 413-5411
Fax:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Hold	cVOCs 8260				Comments
1	SW-P12-72-N	9/10/20	0800	S													X		X				
2	SW-P14-72-N	↓	0805	↓													↓		X				
3	SW-P22-72-N	9/10/20	1100																X				re-run cVOCs
4	SW-P30-72-N		1210																↓				
5	SW-P32-72-N		1200																				
6	SW-DUP-4-N		1020	↓																			
7	Trip Blank	↓	—	AQ															↓				
8																							
9																							
10																							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

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***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
- [X] Standard
- [ ] 3 Day
- [ ] 2 Day
- [ ] Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	9/10/20 1405	x [signature]	9/10/20 14:05
Relinquished	Date/Time	Received	Date/Time
x		x	

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2009191

September 18, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 3 sample(s) on 9/11/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Date: *09/18/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2009191

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2009191-001	SW-P34-72-N	09/11/2020 8:20 AM	09/11/2020 3:00 PM
2009191-002	SW-P20-72-N	09/11/2020 11:10 AM	09/11/2020 3:00 PM
2009191-003	Trip Blank	09/10/2020 11:07 AM	09/11/2020 3:00 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2009191**
Date: **9/18/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009191-001 **Collection Date:** 9/11/2020 8:20:00 AM
Client Sample ID: **SW-P34-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29704		Analyst: CR
Vinyl chloride	ND	0.0181		mg/Kg-dry	1	9/18/2020 12:59:48 PM
1,1-Dichloroethene	ND	0.0181		mg/Kg-dry	1	9/18/2020 12:59:48 PM
trans-1,2-Dichloroethene	ND	0.0181		mg/Kg-dry	1	9/18/2020 12:59:48 PM
cis-1,2-Dichloroethene	ND	0.0181		mg/Kg-dry	1	9/18/2020 12:59:48 PM
Trichloroethene (TCE)	ND	0.0181		mg/Kg-dry	1	9/18/2020 12:59:48 PM
Tetrachloroethene (PCE)	0.169	0.0181		mg/Kg-dry	1	9/18/2020 12:59:48 PM
Surr: Dibromofluoromethane	100	85.2 - 113		%Rec	1	9/18/2020 12:59:48 PM
Surr: Toluene-d8	99.2	88.5 - 110		%Rec	1	9/18/2020 12:59:48 PM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109		%Rec	1	9/18/2020 12:59:48 PM
Sample Moisture (Percent Moisture)				Batch ID: R61908		Analyst: SBM
Percent Moisture	15.4	0.500		wt%	1	9/17/2020 10:42:17 AM

Lab ID: 2009191-002 **Collection Date:** 9/11/2020 11:10:00 AM
Client Sample ID: **SW-P20-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29704		Analyst: CR
Vinyl chloride	ND	0.0226		mg/Kg-dry	1	9/18/2020 2:00:07 PM
1,1-Dichloroethene	ND	0.0226		mg/Kg-dry	1	9/18/2020 2:00:07 PM
trans-1,2-Dichloroethene	ND	0.0226		mg/Kg-dry	1	9/18/2020 2:00:07 PM
cis-1,2-Dichloroethene	ND	0.0226		mg/Kg-dry	1	9/18/2020 2:00:07 PM
Trichloroethene (TCE)	ND	0.0226		mg/Kg-dry	1	9/18/2020 2:00:07 PM
Tetrachloroethene (PCE)	0.565	0.0226		mg/Kg-dry	1	9/18/2020 2:00:07 PM
Surr: Dibromofluoromethane	99.5	85.2 - 113		%Rec	1	9/18/2020 2:00:07 PM
Surr: Toluene-d8	98.7	88.5 - 110		%Rec	1	9/18/2020 2:00:07 PM
Surr: 1-Bromo-4-fluorobenzene	99.6	88.6 - 109		%Rec	1	9/18/2020 2:00:07 PM
Sample Moisture (Percent Moisture)				Batch ID: R61908		Analyst: SBM
Percent Moisture	16.7	0.500		wt%	1	9/17/2020 10:42:17 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009191-003 **Collection Date:** 9/10/2020 11:07:00 AM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29704		Analyst: CR
Vinyl chloride	ND	0.0200		mg/Kg	1	9/18/2020 9:58:25 AM
1,1-Dichloroethene	ND	0.0200		mg/Kg	1	9/18/2020 9:58:25 AM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	9/18/2020 9:58:25 AM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	9/18/2020 9:58:25 AM
Trichloroethene (TCE)	ND	0.0200		mg/Kg	1	9/18/2020 9:58:25 AM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg	1	9/18/2020 9:58:25 AM
Surr: Dibromofluoromethane	93.2	85.2 - 113		%Rec	1	9/18/2020 9:58:25 AM
Surr: Toluene-d8	99.4	88.5 - 110		%Rec	1	9/18/2020 9:58:25 AM
Surr: 1-Bromo-4-fluorobenzene	98.9	88.6 - 109		%Rec	1	9/18/2020 9:58:25 AM

Work Order: 2009191
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29704** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/17/2020** RunNo: **61937**
Client ID: **LCSS** Batch ID: **29704** Analysis Date: **9/18/2020** SeqNo: **1242224**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.918	0.0200	1.000	0	91.8	66	131				
1,1-Dichloroethene	0.924	0.0200	1.000	0	92.4	63.4	139				
trans-1,2-Dichloroethene	0.946	0.0200	1.000	0	94.6	80.5	116				
cis-1,2-Dichloroethene	0.932	0.0200	1.000	0	93.2	81.8	114				
Trichloroethene (TCE)	0.943	0.0200	1.000	0	94.3	80.8	117				
Tetrachloroethene (PCE)	0.952	0.0200	1.000	0	95.2	81.8	116				
Surr: Dibromofluoromethane	1.19		1.250		95.0	85.2	113				
Surr: Toluene-d8	1.25		1.250		100	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.28		1.250		102	88.6	109				

Sample ID: **MB-29704** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/17/2020** RunNo: **61937**
Client ID: **MBLKS** Batch ID: **29704** Analysis Date: **9/18/2020** SeqNo: **1242225**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.03		1.250		82.1	85.2	113				S
Surr: Toluene-d8	1.23		1.250		98.3	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.250		99.2	88.6	109				

NOTES:
S - Outlying surrogate recovery observed.

Work Order: 2009191
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009183-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61937**
Client ID: **BATCH** Batch ID: **29704** Analysis Date: **9/18/2020** SeqNo: **1242215**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0422						0		30	
1,1-Dichloroethene	ND	0.0422						0		30	
trans-1,2-Dichloroethene	ND	0.0422						0		30	
cis-1,2-Dichloroethene	ND	0.0422						0		30	
Trichloroethene (TCE)	ND	0.0422						0		30	
Tetrachloroethene (PCE)	ND	0.0422						0		30	
Surr: Dibromofluoromethane	2.59		2.637		98.1	85.2	113		0		
Surr: Toluene-d8	2.62		2.637		99.5	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	2.65		2.637		101	88.6	109		0		

Sample ID: **2009191-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61937**
Client ID: **SW-P34-72-N** Batch ID: **29704** Analysis Date: **9/18/2020** SeqNo: **1242220**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0181						0		30	
1,1-Dichloroethene	ND	0.0181						0		30	
trans-1,2-Dichloroethene	ND	0.0181						0		30	
cis-1,2-Dichloroethene	ND	0.0181						0		30	
Trichloroethene (TCE)	ND	0.0181						0		30	
Tetrachloroethene (PCE)	0.170	0.0181						0.1695	0.335	30	
Surr: Dibromofluoromethane	1.13		1.130		100	85.2	113		0		
Surr: Toluene-d8	1.12		1.130		99.1	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.13		1.130		99.9	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2009191**
Logged by:	**Gabrielle Coeuille**	Date Received:	**9/11/2020 3:00:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	3.0

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 9/11/20 Page: 1 of: 1

Laboratory Project No (internal): 2009191

Project Name: Maddux North

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Suite 550

Collected by: Kristin Beck

City, State, Zip: Seattle, WA 98104

Location: Seattle, WA

Telephone:

Report To (PM): Andrew Yonkofski et al.

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspect.., kbeck@aspect.., jsmith@aspect..

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs				Comments
1	SW-P34-72-N	9/11/20	0820	S													X					
2	SW-P20-72-N	↓	1110	S													X					
3	Trip Blank	9/10/20	1107	W													X					
4																						
5																						
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Kat Beck	9/11/20 @ 1411	x Hewell Cobb	9/11/20 - 14:11
x Hewell	9/11/20 1500	x Marin	9/11/20 1502

Turn-around Time:
- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2009212

September 21, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 9 sample(s) on 9/15/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *09/21/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2009212

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2009212-001	SW-P12-67-N	09/14/2020 7:45 AM	09/15/2020 8:30 AM
2009212-002	SW-P14-67-N	09/14/2020 7:55 AM	09/15/2020 8:30 AM
2009212-003	SW-P16-72-N	09/14/2020 8:00 AM	09/15/2020 8:30 AM
2009212-004	SW-P18-72-N	09/14/2020 8:15 AM	09/15/2020 8:30 AM
2009212-005	SW-P26-67-N	09/14/2020 9:45 AM	09/15/2020 8:30 AM
2009212-006	SW-P28-67-N	09/14/2020 9:50 AM	09/15/2020 8:30 AM
2009212-007	SW-P30-67-N	09/14/2020 10:40 AM	09/15/2020 8:30 AM
2009212-008	SW-P32-67-N	09/14/2020 11:15 AM	09/15/2020 8:30 AM
2009212-009	Trip Blank	09/10/2020 11:07 AM	09/15/2020 8:30 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2009212**
Date: **9/21/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2009212**
Date Reported: **9/21/2020**

Client: Aspect Consulting
Collection Date: 9/14/2020 8:15:00 AM
Project: Maddux North
Lab ID: 2009212-004
Matrix: Soil
Client Sample ID: **SW-P18-72-N**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29706		Analyst: KT
Vinyl chloride	ND	0.932	D	mg/Kg-dry	50	9/17/2020 3:40:43 PM
1,1-Dichloroethene	ND	0.932	D	mg/Kg-dry	50	9/17/2020 3:40:43 PM
trans-1,2-Dichloroethene	ND	0.932	D	mg/Kg-dry	50	9/17/2020 3:40:43 PM
cis-1,2-Dichloroethene	ND	0.932	D	mg/Kg-dry	50	9/17/2020 3:40:43 PM
Trichloroethene (TCE)	ND	0.932	D	mg/Kg-dry	50	9/17/2020 3:40:43 PM
Tetrachloroethene (PCE)	ND	0.932	D	mg/Kg-dry	50	9/17/2020 3:40:43 PM
Surr: Dibromofluoromethane	105	85.2 - 113	D	%Rec	50	9/17/2020 3:40:43 PM
Surr: Toluene-d8	101	88.5 - 110	D	%Rec	50	9/17/2020 3:40:43 PM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109	D	%Rec	50	9/17/2020 3:40:43 PM
Sample Moisture (Percent Moisture)				Batch ID: R61965		Analyst: CJ
Percent Moisture	10.0	0.500		wt%	1	9/21/2020 10:07:25 AM

Analytical Report

Work Order: **2009212**
Date Reported: **9/21/2020**

Client: Aspect Consulting
Collection Date: 9/14/2020 9:45:00 AM
Project: Maddux North
Lab ID: 2009212-005
Matrix: Soil
Client Sample ID: **SW-P26-67-N**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29706		Analyst: KT
Vinyl chloride	ND	1.11	D	mg/Kg-dry	50	9/17/2020 4:10:50 PM
1,1-Dichloroethene	ND	1.11	D	mg/Kg-dry	50	9/17/2020 4:10:50 PM
trans-1,2-Dichloroethene	ND	1.11	D	mg/Kg-dry	50	9/17/2020 4:10:50 PM
cis-1,2-Dichloroethene	ND	1.11	D	mg/Kg-dry	50	9/17/2020 4:10:50 PM
Trichloroethene (TCE)	ND	1.11	D	mg/Kg-dry	50	9/17/2020 4:10:50 PM
Tetrachloroethene (PCE)	4.94	1.11	D	mg/Kg-dry	50	9/17/2020 4:10:50 PM
Surr: Dibromofluoromethane	105	85.2 - 113	D	%Rec	50	9/17/2020 4:10:50 PM
Surr: Toluene-d8	100	88.5 - 110	D	%Rec	50	9/17/2020 4:10:50 PM
Surr: 1-Bromo-4-fluorobenzene	100	88.6 - 109	D	%Rec	50	9/17/2020 4:10:50 PM
Sample Moisture (Percent Moisture)				Batch ID: R61965		Analyst: CJ
Percent Moisture	13.7	0.500		wt%	1	9/21/2020 10:07:25 AM

Analytical Report

Work Order: **2009212**
Date Reported: **9/21/2020**

Client: Aspect Consulting
Collection Date: 9/14/2020 9:50:00 AM
Project: Maddux North
Lab ID: 2009212-006
Matrix: Soil
Client Sample ID: **SW-P28-67-N**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29706		Analyst: KT
Vinyl chloride	ND	1.16	D	mg/Kg-dry	50	9/17/2020 4:40:59 PM
1,1-Dichloroethene	ND	1.16	D	mg/Kg-dry	50	9/17/2020 4:40:59 PM
trans-1,2-Dichloroethene	ND	1.16	D	mg/Kg-dry	50	9/17/2020 4:40:59 PM
cis-1,2-Dichloroethene	ND	1.16	D	mg/Kg-dry	50	9/17/2020 4:40:59 PM
Trichloroethene (TCE)	ND	1.16	D	mg/Kg-dry	50	9/17/2020 4:40:59 PM
Tetrachloroethene (PCE)	23.7	1.16	D	mg/Kg-dry	50	9/17/2020 4:40:59 PM
Surr: Dibromofluoromethane	103	85.2 - 113	D	%Rec	50	9/17/2020 4:40:59 PM
Surr: Toluene-d8	99.9	88.5 - 110	D	%Rec	50	9/17/2020 4:40:59 PM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109	D	%Rec	50	9/17/2020 4:40:59 PM
Sample Moisture (Percent Moisture)				Batch ID: R61965		Analyst: CJ
Percent Moisture	12.3	0.500		wt%	1	9/21/2020 10:07:25 AM

Analytical Report

Work Order: **2009212**
Date Reported: **9/21/2020**

Client: Aspect Consulting
Collection Date: 9/14/2020 10:40:00 AM
Project: Maddux North
Lab ID: 2009212-007
Matrix: Soil
Client Sample ID: **SW-P30-67-N**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29706		Analyst: KT
Vinyl chloride	ND	0.910	D	mg/Kg-dry	50	9/17/2020 5:11:05 PM
1,1-Dichloroethene	ND	0.910	D	mg/Kg-dry	50	9/17/2020 5:11:05 PM
trans-1,2-Dichloroethene	ND	0.910	D	mg/Kg-dry	50	9/17/2020 5:11:05 PM
cis-1,2-Dichloroethene	ND	0.910	D	mg/Kg-dry	50	9/17/2020 5:11:05 PM
Trichloroethene (TCE)	ND	0.910	D	mg/Kg-dry	50	9/17/2020 5:11:05 PM
Tetrachloroethene (PCE)	24.6	0.910	D	mg/Kg-dry	50	9/17/2020 5:11:05 PM
Surr: Dibromofluoromethane	105	85.2 - 113	D	%Rec	50	9/17/2020 5:11:05 PM
Surr: Toluene-d8	101	88.5 - 110	D	%Rec	50	9/17/2020 5:11:05 PM
Surr: 1-Bromo-4-fluorobenzene	100	88.6 - 109	D	%Rec	50	9/17/2020 5:11:05 PM
Sample Moisture (Percent Moisture)				Batch ID: R61965		Analyst: CJ
Percent Moisture	16.2	0.500		wt%	1	9/21/2020 10:07:25 AM

Analytical Report

Work Order: **2009212**
Date Reported: **9/21/2020**

Client: Aspect Consulting
Collection Date: 9/14/2020 11:15:00 AM
Project: Maddux North
Lab ID: 2009212-008
Matrix: Soil
Client Sample ID: **SW-P32-67-N**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29706		Analyst: KT
Vinyl chloride	ND	0.931	D	mg/Kg-dry	50	9/17/2020 5:41:12 PM
1,1-Dichloroethene	ND	0.931	D	mg/Kg-dry	50	9/17/2020 5:41:12 PM
trans-1,2-Dichloroethene	ND	0.931	D	mg/Kg-dry	50	9/17/2020 5:41:12 PM
cis-1,2-Dichloroethene	ND	0.931	D	mg/Kg-dry	50	9/17/2020 5:41:12 PM
Trichloroethene (TCE)	ND	0.931	D	mg/Kg-dry	50	9/17/2020 5:41:12 PM
Tetrachloroethene (PCE)	1.53	0.931	D	mg/Kg-dry	50	9/17/2020 5:41:12 PM
Surr: Dibromofluoromethane	105	85.2 - 113	D	%Rec	50	9/17/2020 5:41:12 PM
Surr: Toluene-d8	100	88.5 - 110	D	%Rec	50	9/17/2020 5:41:12 PM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109	D	%Rec	50	9/17/2020 5:41:12 PM
Sample Moisture (Percent Moisture)				Batch ID: R61965		Analyst: CJ
Percent Moisture	11.7	0.500		wt%	1	9/21/2020 10:07:25 AM

Work Order: 2009212
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29706** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/17/2020** RunNo: **61925**
Client ID: **LCSS** Batch ID: **29706** Analysis Date: **9/17/2020** SeqNo: **1241787**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.952	0.0200	1.000	0	95.2	66	131				
1,1-Dichloroethene	1.01	0.0200	1.000	0	101	63.4	139				
trans-1,2-Dichloroethene	1.02	0.0200	1.000	0	102	80.5	116				
cis-1,2-Dichloroethene	1.03	0.0200	1.000	0	103	81.8	114				
Trichloroethene (TCE)	1.03	0.0200	1.000	0	103	80.8	117				
Tetrachloroethene (PCE)	1.05	0.0200	1.000	0	105	81.8	116				
Surr: Dibromofluoromethane	1.12		1.250		89.6	85.2	113				
Surr: Toluene-d8	1.14		1.250		91.5	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.23		1.250		98.8	88.6	109				

Sample ID: **MB-29706** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/17/2020** RunNo: **61925**
Client ID: **MBLKS** Batch ID: **29706** Analysis Date: **9/17/2020** SeqNo: **1241785**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.22		1.250		97.3	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.6	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.22		1.250		97.3	88.6	109				

Sample ID: **2009212-004BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61925**
Client ID: **SW-P18-72-N** Batch ID: **29706** Analysis Date: **9/17/2020** SeqNo: **1241764**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0186						0		30	

Work Order: 2009212
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009212-004BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61925**
Client ID: **SW-P18-72-N** Batch ID: **29706** Analysis Date: **9/17/2020** SeqNo: **1241764**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0186						0		30	
trans-1,2-Dichloroethene	ND	0.0186						0		30	
cis-1,2-Dichloroethene	ND	0.0186						0		30	
Trichloroethene (TCE)	ND	0.0186						0		30	
Tetrachloroethene (PCE)	0.573	0.0186						0.5874	2.39	30	
Surr: Dibromofluoromethane	1.13		1.165		97.2	85.2	113		0		
Surr: Toluene-d8	1.16		1.165		99.4	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.15		1.165		98.6	88.6	109		0		

Sample ID: **2009212-005BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61925**
Client ID: **SW-P26-67-N** Batch ID: **29706** Analysis Date: **9/17/2020** SeqNo: **1241767**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.27	0.0222	1.108	0	115	52.8	150				
1,1-Dichloroethene	1.34	0.0222	1.108	0	121	62.9	149				
trans-1,2-Dichloroethene	1.33	0.0222	1.108	0	120	73.1	130				
cis-1,2-Dichloroethene	1.32	0.0222	1.108	0	119	77.5	125				
Trichloroethene (TCE)	1.41	0.0222	1.108	0.08695	119	72	133				
Tetrachloroethene (PCE)	6.72	0.0222	1.108	5.632	97.8	72.7	128				
Surr: Dibromofluoromethane	1.38		1.385		99.9	85.2	113				
Surr: Toluene-d8	1.40		1.385		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.42		1.385		103	88.6	109				

Sample ID: **2009212-005BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61925**
Client ID: **SW-P26-67-N** Batch ID: **29706** Analysis Date: **9/17/2020** SeqNo: **1241768**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.30	0.0222	1.108	0	118	52.8	150	1.274	2.32	30	
1,1-Dichloroethene	1.35	0.0222	1.108	0	122	62.9	149	1.336	1.26	30	

Work Order: 2009212
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009212-005BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61925**
Client ID: **SW-P26-67-N** Batch ID: **29706** Analysis Date: **9/17/2020** SeqNo: **1241768**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.35	0.0222	1.108	0	122	73.1	130	1.333	1.65	30	
cis-1,2-Dichloroethene	1.33	0.0222	1.108	0	120	77.5	125	1.318	0.763	30	
Trichloroethene (TCE)	1.42	0.0222	1.108	0.08695	120	72	133	1.407	1.02	30	
Tetrachloroethene (PCE)	6.66	0.0222	1.108	5.632	92.9	72.7	128	6.716	0.806	30	
Surr: Dibromofluoromethane	1.38		1.385		99.7	85.2	113		0		
Surr: Toluene-d8	1.40		1.385		101	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.41		1.385		102	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2009212**
Logged by:	**Carissa True**	Date Received:	**9/15/2020 8:30:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	2.4

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 9/14/20 Page: 1 of: 1

Laboratory Project No (internal): 2009212

Special Remarks:

Client: Aspect Consulting
Address: 710 2nd Ave Suite 550
City, State, Zip: Seattle, WA 98104
Telephone:
Fax:

Project Name: Maddux North
Project No: 160324
Collected by: Kristin Beck
Location: Seattle, WA
Report To (PM): Andrew Yonkofski
PM Email: ayonkofski@aspect... kbeck@aspect... jsmith@aspect...

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs				Comments
1	SW-P12-67-N	9/14/20	0745	S														[redacted] KB					HOLD
2	SW-P14-67-N		0755															[redacted] KB					HOLD
3	SW-P16-72-N		0800															[redacted] KB					HOLD
4	SW-P18-72-N		0815															X					
5	SW-P26-67-N		0945															X					
6	SW-P28-67-N		0950															X					
7	SW-P30-67-N		1040															X					
8	SW-P32-67-N		1115															X					
9																							
10																							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☒ Standard
☐ 3 Day
☐ 2 Day
☐ Next Day
Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [redacted]	9/15/20 0740	x [redacted]	9/15/20 0740
x [redacted]	9/15/20 0828	x [redacted]	9/15/20 8:30

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2009212

September 30, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 9 sample(s) on 9/15/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *09/30/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2009212

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2009212-001	SW-P12-67-N	09/14/2020 7:45 AM	09/15/2020 8:30 AM
2009212-002	SW-P14-67-N	09/14/2020 7:55 AM	09/15/2020 8:30 AM
2009212-003	SW-P16-72-N	09/14/2020 8:00 AM	09/15/2020 8:30 AM
2009212-004	SW-P18-72-N	09/14/2020 8:15 AM	09/15/2020 8:30 AM
2009212-005	SW-P26-67-N	09/14/2020 9:45 AM	09/15/2020 8:30 AM
2009212-006	SW-P28-67-N	09/14/2020 9:50 AM	09/15/2020 8:30 AM
2009212-007	SW-P30-67-N	09/14/2020 10:40 AM	09/15/2020 8:30 AM
2009212-008	SW-P32-67-N	09/14/2020 11:15 AM	09/15/2020 8:30 AM
2009212-009	Trip Blank	09/10/2020 11:07 AM	09/15/2020 8:30 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2009212**
Date: **9/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

9/30/2020: Revision 1 includes additional analysis requested by client.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009212-001 **Collection Date:** 9/14/2020 7:45:00 AM
Client Sample ID: **SW-P12-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29763		Analyst: KT
Vinyl chloride	ND	0.0214		mg/Kg-dry	1	9/23/2020 4:20:26 PM
1,1-Dichloroethene	ND	0.0214		mg/Kg-dry	1	9/23/2020 4:20:26 PM
trans-1,2-Dichloroethene	ND	0.0214		mg/Kg-dry	1	9/23/2020 4:20:26 PM
cis-1,2-Dichloroethene	ND	0.0214		mg/Kg-dry	1	9/23/2020 4:20:26 PM
Trichloroethene (TCE)	ND	0.0214		mg/Kg-dry	1	9/23/2020 4:20:26 PM
Tetrachloroethene (PCE)	ND	0.0214		mg/Kg-dry	1	9/23/2020 4:20:26 PM
Surr: Dibromofluoromethane	95.7	85.2 - 113		%Rec	1	9/23/2020 4:20:26 PM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	9/23/2020 4:20:26 PM
Surr: 1-Bromo-4-fluorobenzene	96.5	88.6 - 109		%Rec	1	9/23/2020 4:20:26 PM
Sample Moisture (Percent Moisture)				Batch ID: R62024		Analyst: CJ
Percent Moisture	17.2	0.500		wt%	1	9/23/2020 10:43:05 AM

Lab ID: 2009212-002 **Collection Date:** 9/14/2020 7:55:00 AM
Client Sample ID: **SW-P14-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29763		Analyst: KT
Vinyl chloride	ND	0.0247		mg/Kg-dry	1	9/23/2020 4:50:32 PM
1,1-Dichloroethene	ND	0.0247		mg/Kg-dry	1	9/23/2020 4:50:32 PM
trans-1,2-Dichloroethene	ND	0.0247		mg/Kg-dry	1	9/23/2020 4:50:32 PM
cis-1,2-Dichloroethene	ND	0.0247		mg/Kg-dry	1	9/23/2020 4:50:32 PM
Trichloroethene (TCE)	ND	0.0247		mg/Kg-dry	1	9/23/2020 4:50:32 PM
Tetrachloroethene (PCE)	ND	0.0247		mg/Kg-dry	1	9/23/2020 4:50:32 PM
Surr: Dibromofluoromethane	95.9	85.2 - 113		%Rec	1	9/23/2020 4:50:32 PM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	9/23/2020 4:50:32 PM
Surr: 1-Bromo-4-fluorobenzene	95.6	88.6 - 109		%Rec	1	9/23/2020 4:50:32 PM
Sample Moisture (Percent Moisture)				Batch ID: R62024		Analyst: CJ
Percent Moisture	23.8	0.500		wt%	1	9/23/2020 10:43:05 AM

Analytical Report

Work Order: **2009212**
Date Reported: **9/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009212-003 **Collection Date:** 9/14/2020 8:00:00 AM
Client Sample ID: **SW-P16-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29763		Analyst: KT
Vinyl chloride	ND	0.0218		mg/Kg-dry	1	9/23/2020 5:20:41 PM
1,1-Dichloroethene	ND	0.0218		mg/Kg-dry	1	9/23/2020 5:20:41 PM
trans-1,2-Dichloroethene	ND	0.0218		mg/Kg-dry	1	9/23/2020 5:20:41 PM
cis-1,2-Dichloroethene	0.0804	0.0218		mg/Kg-dry	1	9/23/2020 5:20:41 PM
Trichloroethene (TCE)	0.0915	0.0218		mg/Kg-dry	1	9/23/2020 5:20:41 PM
Tetrachloroethene (PCE)	1.27	0.0218		mg/Kg-dry	1	9/23/2020 5:20:41 PM
Surr: Dibromofluoromethane	95.7	85.2 - 113		%Rec	1	9/23/2020 5:20:41 PM
Surr: Toluene-d8	99.6	88.5 - 110		%Rec	1	9/23/2020 5:20:41 PM
Surr: 1-Bromo-4-fluorobenzene	96.6	88.6 - 109		%Rec	1	9/23/2020 5:20:41 PM
Sample Moisture (Percent Moisture)				Batch ID: R62024		Analyst: CJ
Percent Moisture	17.9	0.500		wt%	1	9/23/2020 10:43:05 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009212-004 **Collection Date:** 9/14/2020 8:15:00 AM
Client Sample ID: **SW-P18-72-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29706		Analyst: KT
Vinyl chloride	ND	0.0186		mg/Kg-dry	1	9/17/2020 10:38:58 AM
1,1-Dichloroethene	ND	0.0186		mg/Kg-dry	1	9/17/2020 10:38:58 AM
trans-1,2-Dichloroethene	ND	0.0186		mg/Kg-dry	1	9/17/2020 10:38:58 AM
cis-1,2-Dichloroethene	ND	0.0186		mg/Kg-dry	1	9/17/2020 10:38:58 AM
Trichloroethene (TCE)	ND	0.0186		mg/Kg-dry	1	9/17/2020 10:38:58 AM
Tetrachloroethene (PCE)	0.587	0.0186		mg/Kg-dry	1	9/17/2020 10:38:58 AM
Surr: Dibromofluoromethane	98.6	85.2 - 113		%Rec	1	9/17/2020 10:38:58 AM
Surr: Toluene-d8	99.2	88.5 - 110		%Rec	1	9/17/2020 10:38:58 AM
Surr: 1-Bromo-4-fluorobenzene	98.1	88.6 - 109		%Rec	1	9/17/2020 10:38:58 AM
Sample Moisture (Percent Moisture)				Batch ID: R61965		Analyst: CJ
Percent Moisture	10.0	0.500		wt%	1	9/21/2020 10:07:25 AM

Lab ID: 2009212-005 **Collection Date:** 9/14/2020 9:45:00 AM
Client Sample ID: **SW-P26-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29706		Analyst: KT
Vinyl chloride	ND	1.11	D	mg/Kg-dry	50	9/17/2020 4:10:50 PM
1,1-Dichloroethene	ND	1.11	D	mg/Kg-dry	50	9/17/2020 4:10:50 PM
trans-1,2-Dichloroethene	ND	1.11	D	mg/Kg-dry	50	9/17/2020 4:10:50 PM
cis-1,2-Dichloroethene	ND	1.11	D	mg/Kg-dry	50	9/17/2020 4:10:50 PM
Trichloroethene (TCE)	ND	1.11	D	mg/Kg-dry	50	9/17/2020 4:10:50 PM
Tetrachloroethene (PCE)	4.94	1.11	D	mg/Kg-dry	50	9/17/2020 4:10:50 PM
Surr: Dibromofluoromethane	105	85.2 - 113	D	%Rec	50	9/17/2020 4:10:50 PM
Surr: Toluene-d8	100	88.5 - 110	D	%Rec	50	9/17/2020 4:10:50 PM
Surr: 1-Bromo-4-fluorobenzene	100	88.6 - 109	D	%Rec	50	9/17/2020 4:10:50 PM
Sample Moisture (Percent Moisture)				Batch ID: R61965		Analyst: CJ
Percent Moisture	13.7	0.500		wt%	1	9/21/2020 10:07:25 AM

Analytical Report

Work Order: **2009212**
Date Reported: **9/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009212-006 **Collection Date:** 9/14/2020 9:50:00 AM
Client Sample ID: **SW-P28-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29706		Analyst: KT
Vinyl chloride	ND	1.16	D	mg/Kg-dry	50	9/17/2020 4:40:59 PM
1,1-Dichloroethene	ND	1.16	D	mg/Kg-dry	50	9/17/2020 4:40:59 PM
trans-1,2-Dichloroethene	ND	1.16	D	mg/Kg-dry	50	9/17/2020 4:40:59 PM
cis-1,2-Dichloroethene	ND	1.16	D	mg/Kg-dry	50	9/17/2020 4:40:59 PM
Trichloroethene (TCE)	ND	1.16	D	mg/Kg-dry	50	9/17/2020 4:40:59 PM
Tetrachloroethene (PCE)	23.7	1.16	D	mg/Kg-dry	50	9/17/2020 4:40:59 PM
Surr: Dibromofluoromethane	103	85.2 - 113	D	%Rec	50	9/17/2020 4:40:59 PM
Surr: Toluene-d8	99.9	88.5 - 110	D	%Rec	50	9/17/2020 4:40:59 PM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109	D	%Rec	50	9/17/2020 4:40:59 PM
Sample Moisture (Percent Moisture)				Batch ID: R61965		Analyst: CJ
Percent Moisture	12.3	0.500		wt%	1	9/21/2020 10:07:25 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009212-007 **Collection Date:** 9/14/2020 10:40:00 AM
Client Sample ID: **SW-P30-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29706		Analyst: KT
Vinyl chloride	ND	0.910	D	mg/Kg-dry	50	9/17/2020 5:11:05 PM
1,1-Dichloroethene	ND	0.910	D	mg/Kg-dry	50	9/17/2020 5:11:05 PM
trans-1,2-Dichloroethene	ND	0.910	D	mg/Kg-dry	50	9/17/2020 5:11:05 PM
cis-1,2-Dichloroethene	ND	0.910	D	mg/Kg-dry	50	9/17/2020 5:11:05 PM
Trichloroethene (TCE)	ND	0.910	D	mg/Kg-dry	50	9/17/2020 5:11:05 PM
Tetrachloroethene (PCE)	24.6	0.910	D	mg/Kg-dry	50	9/17/2020 5:11:05 PM
Surr: Dibromofluoromethane	105	85.2 - 113	D	%Rec	50	9/17/2020 5:11:05 PM
Surr: Toluene-d8	101	88.5 - 110	D	%Rec	50	9/17/2020 5:11:05 PM
Surr: 1-Bromo-4-fluorobenzene	100	88.6 - 109	D	%Rec	50	9/17/2020 5:11:05 PM
Sample Moisture (Percent Moisture)				Batch ID: R61965		Analyst: CJ
Percent Moisture	16.2	0.500		wt%	1	9/21/2020 10:07:25 AM

Lab ID: 2009212-008 **Collection Date:** 9/14/2020 11:15:00 AM
Client Sample ID: **SW-P32-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29706		Analyst: KT
Vinyl chloride	ND	0.931	D	mg/Kg-dry	50	9/17/2020 5:41:12 PM
1,1-Dichloroethene	ND	0.931	D	mg/Kg-dry	50	9/17/2020 5:41:12 PM
trans-1,2-Dichloroethene	ND	0.931	D	mg/Kg-dry	50	9/17/2020 5:41:12 PM
cis-1,2-Dichloroethene	ND	0.931	D	mg/Kg-dry	50	9/17/2020 5:41:12 PM
Trichloroethene (TCE)	ND	0.931	D	mg/Kg-dry	50	9/17/2020 5:41:12 PM
Tetrachloroethene (PCE)	1.53	0.931	D	mg/Kg-dry	50	9/17/2020 5:41:12 PM
Surr: Dibromofluoromethane	105	85.2 - 113	D	%Rec	50	9/17/2020 5:41:12 PM
Surr: Toluene-d8	100	88.5 - 110	D	%Rec	50	9/17/2020 5:41:12 PM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109	D	%Rec	50	9/17/2020 5:41:12 PM
Sample Moisture (Percent Moisture)				Batch ID: R61965		Analyst: CJ
Percent Moisture	11.7	0.500		wt%	1	9/21/2020 10:07:25 AM

CLIENT: Aspect Consulting
Project: Maddux North

Work Order: 2009212
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29706** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/17/2020** RunNo: **61925**
Client ID: **LCSS** Batch ID: **29706** Analysis Date: **9/17/2020** SeqNo: **1241787**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.952	0.0200	1.000	0	95.2	66	131				
1,1-Dichloroethene	1.01	0.0200	1.000	0	101	63.4	139				
trans-1,2-Dichloroethene	1.02	0.0200	1.000	0	102	80.5	116				
cis-1,2-Dichloroethene	1.03	0.0200	1.000	0	103	81.8	114				
Trichloroethene (TCE)	1.03	0.0200	1.000	0	103	80.8	117				
Tetrachloroethene (PCE)	1.05	0.0200	1.000	0	105	81.8	116				
Surr: Dibromofluoromethane	1.12		1.250		89.6	85.2	113				
Surr: Toluene-d8	1.14		1.250		91.5	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.23		1.250		98.8	88.6	109				

Sample ID: **MB-29706** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/17/2020** RunNo: **61925**
Client ID: **MBLKS** Batch ID: **29706** Analysis Date: **9/17/2020** SeqNo: **1241785**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.22		1.250		97.3	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.6	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.22		1.250		97.3	88.6	109				

Sample ID: **2009212-004BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61925**
Client ID: **SW-P18-72-N** Batch ID: **29706** Analysis Date: **9/17/2020** SeqNo: **1241764**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0186						0		30	

Work Order: 2009212
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009212-004BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61925**
Client ID: **SW-P18-72-N** Batch ID: **29706** Analysis Date: **9/17/2020** SeqNo: **1241764**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0186						0		30	
trans-1,2-Dichloroethene	ND	0.0186						0		30	
cis-1,2-Dichloroethene	ND	0.0186						0		30	
Trichloroethene (TCE)	ND	0.0186						0		30	
Tetrachloroethene (PCE)	0.573	0.0186						0.5874	2.39	30	
Surr: Dibromofluoromethane	1.13		1.165		97.2	85.2	113		0		
Surr: Toluene-d8	1.16		1.165		99.4	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.15		1.165		98.6	88.6	109		0		

Sample ID: **2009212-005BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61925**
Client ID: **SW-P26-67-N** Batch ID: **29706** Analysis Date: **9/17/2020** SeqNo: **1241767**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.27	0.0222	1.108	0	115	52.8	150				
1,1-Dichloroethene	1.34	0.0222	1.108	0	121	62.9	149				
trans-1,2-Dichloroethene	1.33	0.0222	1.108	0	120	73.1	130				
cis-1,2-Dichloroethene	1.32	0.0222	1.108	0	119	77.5	125				
Trichloroethene (TCE)	1.41	0.0222	1.108	0.08695	119	72	133				
Tetrachloroethene (PCE)	6.72	0.0222	1.108	5.632	97.8	72.7	128				
Surr: Dibromofluoromethane	1.38		1.385		99.9	85.2	113				
Surr: Toluene-d8	1.40		1.385		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.42		1.385		103	88.6	109				

Sample ID: **2009212-005BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61925**
Client ID: **SW-P26-67-N** Batch ID: **29706** Analysis Date: **9/17/2020** SeqNo: **1241768**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.30	0.0222	1.108	0	118	52.8	150	1.274	2.32	30	
1,1-Dichloroethene	1.35	0.0222	1.108	0	122	62.9	149	1.336	1.26	30	

Work Order: 2009212
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009212-005BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/17/2020** RunNo: **61925**
Client ID: **SW-P26-67-N** Batch ID: **29706** Analysis Date: **9/17/2020** SeqNo: **1241768**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.35	0.0222	1.108	0	122	73.1	130	1.333	1.65	30	
cis-1,2-Dichloroethene	1.33	0.0222	1.108	0	120	77.5	125	1.318	0.763	30	
Trichloroethene (TCE)	1.42	0.0222	1.108	0.08695	120	72	133	1.407	1.02	30	
Tetrachloroethene (PCE)	6.66	0.0222	1.108	5.632	92.9	72.7	128	6.716	0.806	30	
Surr: Dibromofluoromethane	1.38		1.385		99.7	85.2	113		0		
Surr: Toluene-d8	1.40		1.385		101	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.41		1.385		102	88.6	109		0		

Sample ID: **LCS-29763** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **LCSS** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245045**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.913	0.0200	1.000	0	91.3	66	131				
1,1-Dichloroethene	1.09	0.0200	1.000	0	109	63.4	139				
trans-1,2-Dichloroethene	1.12	0.0200	1.000	0	112	80.5	116				
cis-1,2-Dichloroethene	1.11	0.0200	1.000	0	111	81.8	114				
Trichloroethene (TCE)	1.15	0.0200	1.000	0	115	80.8	117				
Tetrachloroethene (PCE)	1.12	0.0200	1.000	0	112	81.8	116				
Surr: Dibromofluoromethane	1.17		1.250		93.9	85.2	113				
Surr: Toluene-d8	1.20		1.250		96.2	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		95.7	88.6	109				

Sample ID: **MB-29763** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **MBLKS** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245046**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									

Work Order: 2009212
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29763** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **MBLKS** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245046**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.19		1.250		95.2	85.2	113				
Surr: Toluene-d8	1.25		1.250		99.7	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.21		1.250		96.5	88.6	109				

Sample ID: **2009357-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **BATCH** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245035**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0270						0		30	
1,1-Dichloroethene	ND	0.0270						0		30	
trans-1,2-Dichloroethene	ND	0.0270						0		30	
cis-1,2-Dichloroethene	ND	0.0270						0		30	
Trichloroethene (TCE)	ND	0.0270						0		30	
Tetrachloroethene (PCE)	ND	0.0270						0		30	
Surr: Dibromofluoromethane	1.62		1.686		95.9	85.2	113		0		
Surr: Toluene-d8	1.66		1.686		98.7	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.62		1.686		96.1	88.6	109		0		

Sample ID: **2009357-006BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **BATCH** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245039**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.976	0.0252	1.260	0	77.5	52.8	150				
1,1-Dichloroethene	1.12	0.0252	1.260	0	89.0	62.9	149				
trans-1,2-Dichloroethene	1.20	0.0252	1.260	0	95.0	73.1	130				
cis-1,2-Dichloroethene	1.22	0.0252	1.260	0	97.1	77.5	125				

Work Order: 2009212
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009357-006BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **BATCH** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245039**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	1.24	0.0252	1.260	0	98.4	72	133				
Tetrachloroethene (PCE)	1.16	0.0252	1.260	0	91.8	72.7	128				
Surr: Dibromofluoromethane	1.54		1.575		97.5	85.2	113				
Surr: Toluene-d8	1.59		1.575		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.65		1.575		105	88.6	109				

Sample ID: **2009357-006BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/22/2020** RunNo: **62071**
Client ID: **BATCH** Batch ID: **29763** Analysis Date: **9/23/2020** SeqNo: **1245040**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.01	0.0252	1.260	0	80.3	52.8	150	0.9760	3.64	30	
1,1-Dichloroethene	1.15	0.0252	1.260	0	91.3	62.9	149	1.122	2.51	30	
trans-1,2-Dichloroethene	1.23	0.0252	1.260	0	97.6	73.1	130	1.197	2.71	30	
cis-1,2-Dichloroethene	1.26	0.0252	1.260	0	100	77.5	125	1.224	3.23	30	
Trichloroethene (TCE)	1.27	0.0252	1.260	0	101	72	133	1.240	2.45	30	
Tetrachloroethene (PCE)	1.21	0.0252	1.260	0	95.8	72.7	128	1.156	4.24	30	
Surr: Dibromofluoromethane	1.55		1.575		98.7	85.2	113		0		
Surr: Toluene-d8	1.61		1.575		102	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.62		1.575		103	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2009212**
Logged by:	**Carissa True**	Date Received:	**9/15/2020 8:30:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	2.4

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 9/14/20 Page: 1 of: 1

Laboratory Project No (internal): 2009212

Project Name: Maddux North

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave Suite 550

Collected by: Kristin Beck

City, State, Zip: Seattle, WA 98104

Location: Seattle, WA

Telephone:

Report To (PM): Andrew Yonkofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspect... kbeck@aspect... jsmith@aspect...

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs				Comments
1 SW-P12-67-N	9/14/20	0745	S													~~X~~ KB					HOLD
2 SW-P14-67-N		0755														~~X~~ KB					HOLD
3 SW-P16-72-N		0800														~~X~~ KB					HOLD
4 SW-P18-72-N		0815														X					
5 SW-P26-67-N		0945														X					
6 SW-P28-67-N		0950														X					
7 SW-P30-67-N		1040														X					
8 SW-P32-67-N		1115														X					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Kristin Beck	9/15/20 0740	x	9/15/20 0740
x	9/15/20 0828	x	9/15/20 8:30

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 9/14/20 Page: 1 of: 1

Laboratory Project No (internal): 2009212

Special Remarks: X = run per AY 9/23/20 -cg

Client: Aspect Consulting
Address: 710 2nd Ave Suite 550
City, State, Zip: Seattle, WA 98104
Telephone:
Fax:

Project Name: Maddux North
Project No: 160324
Collected by: Kristin Beck
Location: Seattle, WA
Report To (PM): Andrew Yonkofski
PM Email: ayonkofski@aspect... kbeck@aspect... jsmith@aspect...

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs				Comments
1	SW-P12-67-N	9/14/20	0745	S														X	KB				~~HOLD~~
2	SW-P14-67-N		0755															X	KB				~~HOLD~~
3	SW-P16-72-N		0800															X	KB				~~HOLD~~
4	SW-P18-72-N		0815															X					re-run cVOCs
5	SW-P26-67-N		0945															X					
6	SW-P28-67-N		0950															X					
7	SW-P30-67-N		1040															X					
8	SW-P32-67-N		1115															X					
9																							
10																							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished x	KBeck	Date/Time 9/15/20	0740	Received x	Date/Time 9/15/20 0740
Relinquished x		Date/Time 9/15/20	0828	Received x	Date/Time 9/15/20 8:30

Turn-around Time:
- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: MBHA- Maddux North
Work Order Number: 2009354

September 29, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 6 sample(s) on 9/22/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *09/29/2020*

CLIENT: Aspect Consulting
Project: MBHA- Maddux North
Work Order: 2009354

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2009354-001	SW-P20-67-N	09/22/2020 10:25 AM	09/22/2020 1:27 PM
2009354-002	SW-P22-67-N	09/22/2020 10:15 AM	09/22/2020 1:27 PM
2009354-003	SW-P24-67-N	09/22/2020 10:05 AM	09/22/2020 1:27 PM
2009354-004	SW-P28-62-N	09/22/2020 9:25 AM	09/22/2020 1:27 PM
2009354-005	SW-P30-62-N	09/22/2020 9:05 AM	09/22/2020 1:27 PM
2009354-006	Trip Blank	09/10/2020 11:07 AM	09/22/2020 1:27 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2009354**
Date: **9/29/2020**

CLIENT: Aspect Consulting
Project: MBHA- Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: MBHA- Maddux North

Lab ID: 2009354-001 **Collection Date:** 9/22/2020 10:25:00 AM
Client Sample ID: **SW-P20-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29795		Analyst: KT
Vinyl chloride	ND	0.0207		mg/Kg-dry	1	9/26/2020 2:06:33 AM
1,1-Dichloroethene	ND	0.0207		mg/Kg-dry	1	9/26/2020 2:06:33 AM
trans-1,2-Dichloroethene	ND	0.0207		mg/Kg-dry	1	9/26/2020 2:06:33 AM
cis-1,2-Dichloroethene	ND	0.0207		mg/Kg-dry	1	9/26/2020 2:06:33 AM
Trichloroethene (TCE)	ND	0.0207		mg/Kg-dry	1	9/26/2020 2:06:33 AM
Tetrachloroethene (PCE)	ND	0.0207		mg/Kg-dry	1	9/26/2020 2:06:33 AM
Surr: Dibromofluoromethane	100	85.2 - 113		%Rec	1	9/26/2020 2:06:33 AM
Surr: Toluene-d8	99.5	88.5 - 110		%Rec	1	9/26/2020 2:06:33 AM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109		%Rec	1	9/26/2020 2:06:33 AM
Sample Moisture (Percent Moisture)				Batch ID: R62090		Analyst: RL
Percent Moisture	11.9	0.500		wt%	1	9/25/2020 9:13:21 AM

Lab ID: 2009354-002 **Collection Date:** 9/22/2020 10:15:00 AM
Client Sample ID: **SW-P22-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29795		Analyst: KT
Vinyl chloride	ND	0.0212		mg/Kg-dry	1	9/26/2020 2:36:42 AM
1,1-Dichloroethene	ND	0.0212		mg/Kg-dry	1	9/26/2020 2:36:42 AM
trans-1,2-Dichloroethene	ND	0.0212		mg/Kg-dry	1	9/26/2020 2:36:42 AM
cis-1,2-Dichloroethene	ND	0.0212		mg/Kg-dry	1	9/26/2020 2:36:42 AM
Trichloroethene (TCE)	ND	0.0212		mg/Kg-dry	1	9/26/2020 2:36:42 AM
Tetrachloroethene (PCE)	ND	0.0212		mg/Kg-dry	1	9/26/2020 2:36:42 AM
Surr: Dibromofluoromethane	100	85.2 - 113		%Rec	1	9/26/2020 2:36:42 AM
Surr: Toluene-d8	99.8	88.5 - 110		%Rec	1	9/26/2020 2:36:42 AM
Surr: 1-Bromo-4-fluorobenzene	100	88.6 - 109		%Rec	1	9/26/2020 2:36:42 AM
Sample Moisture (Percent Moisture)				Batch ID: R62090		Analyst: RL
Percent Moisture	15.9	0.500		wt%	1	9/25/2020 9:13:21 AM

Analytical Report

Work Order: **2009354**
Date Reported: **9/29/2020**

CLIENT: Aspect Consulting
Project: MBHA- Maddux North

Lab ID: 2009354-003 **Collection Date:** 9/22/2020 10:05:00 AM
Client Sample ID: **SW-P24-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29795		Analyst: KT
Vinyl chloride	ND	0.0229		mg/Kg-dry	1	9/26/2020 3:06:49 AM
1,1-Dichloroethene	ND	0.0229		mg/Kg-dry	1	9/26/2020 3:06:49 AM
trans-1,2-Dichloroethene	ND	0.0229		mg/Kg-dry	1	9/26/2020 3:06:49 AM
cis-1,2-Dichloroethene	ND	0.0229		mg/Kg-dry	1	9/26/2020 3:06:49 AM
Trichloroethene (TCE)	ND	0.0229		mg/Kg-dry	1	9/26/2020 3:06:49 AM
Tetrachloroethene (PCE)	ND	0.0229		mg/Kg-dry	1	9/26/2020 3:06:49 AM
Surr: Dibromofluoromethane	101	85.2 - 113		%Rec	1	9/26/2020 3:06:49 AM
Surr: Toluene-d8	101	88.5 - 110		%Rec	1	9/26/2020 3:06:49 AM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109		%Rec	1	9/26/2020 3:06:49 AM
Sample Moisture (Percent Moisture)				Batch ID: R62090		Analyst: RL
Percent Moisture	19.0	0.500		wt%	1	9/25/2020 9:13:21 AM

CLIENT: Aspect Consulting
Project: MBHA- Maddux North

Lab ID: 2009354-004 **Collection Date:** 9/22/2020 9:25:00 AM
Client Sample ID: **SW-P28-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29795		Analyst: KT
Vinyl chloride	ND	0.0234		mg/Kg-dry	1	9/26/2020 7:38:10 AM
1,1-Dichloroethene	ND	0.0234		mg/Kg-dry	1	9/26/2020 7:38:10 AM
trans-1,2-Dichloroethene	ND	0.0234		mg/Kg-dry	1	9/26/2020 7:38:10 AM
cis-1,2-Dichloroethene	ND	0.0234		mg/Kg-dry	1	9/26/2020 7:38:10 AM
Trichloroethene (TCE)	ND	0.0234		mg/Kg-dry	1	9/26/2020 7:38:10 AM
Tetrachloroethene (PCE)	0.519	0.0234		mg/Kg-dry	1	9/26/2020 7:38:10 AM
Surr: Dibromofluoromethane	101	85.2 - 113		%Rec	1	9/26/2020 7:38:10 AM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	9/26/2020 7:38:10 AM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109		%Rec	1	9/26/2020 7:38:10 AM
Sample Moisture (Percent Moisture)				Batch ID: R62090		Analyst: RL
Percent Moisture	17.1	0.500		wt%	1	9/25/2020 9:13:21 AM

Lab ID: 2009354-005 **Collection Date:** 9/22/2020 9:05:00 AM
Client Sample ID: **SW-P30-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29795		Analyst: KT
Vinyl chloride	ND	0.0232		mg/Kg-dry	1	9/26/2020 8:08:18 AM
1,1-Dichloroethene	ND	0.0232		mg/Kg-dry	1	9/26/2020 8:08:18 AM
trans-1,2-Dichloroethene	ND	0.0232		mg/Kg-dry	1	9/26/2020 8:08:18 AM
cis-1,2-Dichloroethene	ND	0.0232		mg/Kg-dry	1	9/26/2020 8:08:18 AM
Trichloroethene (TCE)	ND	0.0232		mg/Kg-dry	1	9/26/2020 8:08:18 AM
Tetrachloroethene (PCE)	0.178	0.0232		mg/Kg-dry	1	9/26/2020 8:08:18 AM
Surr: Dibromofluoromethane	99.9	85.2 - 113		%Rec	1	9/26/2020 8:08:18 AM
Surr: Toluene-d8	99.1	88.5 - 110		%Rec	1	9/26/2020 8:08:18 AM
Surr: 1-Bromo-4-fluorobenzene	100	88.6 - 109		%Rec	1	9/26/2020 8:08:18 AM
Sample Moisture (Percent Moisture)				Batch ID: R62145		Analyst: LB
Percent Moisture	16.2	0.500		wt%	1	9/28/2020 2:17:01 PM

CLIENT: Aspect Consulting
Project: MBHA- Maddux North

Lab ID: 2009354-006 **Collection Date:** 9/10/2020 11:07:00 AM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29795		Analyst: KT
Vinyl chloride	ND	0.0200	H	mg/Kg	1	9/25/2020 10:05:28 PM
1,1-Dichloroethene	ND	0.0200	H	mg/Kg	1	9/25/2020 10:05:28 PM
trans-1,2-Dichloroethene	ND	0.0200	H	mg/Kg	1	9/25/2020 10:05:28 PM
cis-1,2-Dichloroethene	ND	0.0200	H	mg/Kg	1	9/25/2020 10:05:28 PM
Trichloroethene (TCE)	ND	0.0200	H	mg/Kg	1	9/25/2020 10:05:28 PM
Tetrachloroethene (PCE)	ND	0.0200	H	mg/Kg	1	9/25/2020 10:05:28 PM
Surr: Dibromofluoromethane	99.2	85.2 - 113	H	%Rec	1	9/25/2020 10:05:28 PM
Surr: Toluene-d8	99.9	88.5 - 110	H	%Rec	1	9/25/2020 10:05:28 PM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109	H	%Rec	1	9/25/2020 10:05:28 PM

Work Order: 2009354
CLIENT: Aspect Consulting
Project: MBHA- Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29795** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/25/2020** RunNo: **62140**
Client ID: **LCSS** Batch ID: **29795** Analysis Date: **9/25/2020** SeqNo: **1246668**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.02	0.0200	1.000	0	102	66	131				
1,1-Dichloroethene	1.04	0.0200	1.000	0	104	63.4	139				
trans-1,2-Dichloroethene	1.03	0.0200	1.000	0	103	80.5	116				
cis-1,2-Dichloroethene	1.03	0.0200	1.000	0	103	81.8	114				
Trichloroethene (TCE)	1.03	0.0200	1.000	0	103	80.8	117				
Tetrachloroethene (PCE)	1.03	0.0200	1.000	0	103	81.8	116				
Surr: Dibromofluoromethane	1.27		1.250		101	85.2	113				
Surr: Toluene-d8	1.26		1.250		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		99.7	88.6	109				

Sample ID: **MB-29795** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/25/2020** RunNo: **62140**
Client ID: **MBLKS** Batch ID: **29795** Analysis Date: **9/25/2020** SeqNo: **1246669**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.22		1.250		97.4	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.7	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.26		1.250		100	88.6	109				

Sample ID: **2009317-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/25/2020** RunNo: **62140**
Client ID: **BATCH** Batch ID: **29795** Analysis Date: **9/25/2020** SeqNo: **1246638**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0181						0		30	

Work Order: 2009354
CLIENT: Aspect Consulting
Project: MBHA- Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009317-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/25/2020** RunNo: **62140**
Client ID: **BATCH** Batch ID: **29795** Analysis Date: **9/25/2020** SeqNo: **1246638**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0181						0		30	
trans-1,2-Dichloroethene	ND	0.0181						0		30	
cis-1,2-Dichloroethene	ND	0.0181						0		30	
Trichloroethene (TCE)	ND	0.0181						0		30	
Tetrachloroethene (PCE)	ND	0.0181						0		30	
Surr: Dibromofluoromethane	1.15		1.129		102	85.2	113		0		
Surr: Toluene-d8	1.13		1.129		100	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.14		1.129		101	88.6	109		0		

Sample ID: **2009335-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/25/2020** RunNo: **62140**
Client ID: **BATCH** Batch ID: **29795** Analysis Date: **9/26/2020** SeqNo: **1246644**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0286						0		30	
1,1-Dichloroethene	ND	0.0286						0		30	
trans-1,2-Dichloroethene	ND	0.0286						0		30	
cis-1,2-Dichloroethene	ND	0.0286						0		30	
Trichloroethene (TCE)	ND	0.0286						0		30	
Tetrachloroethene (PCE)	ND	0.0286						0		30	
Surr: Dibromofluoromethane	1.83		1.785		103	85.2	113		0		
Surr: Toluene-d8	1.79		1.785		101	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.80		1.785		101	88.6	109		0		

Sample ID: **2009317-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/25/2020** RunNo: **62140**
Client ID: **BATCH** Batch ID: **29795** Analysis Date: **9/26/2020** SeqNo: **1246640**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.735	0.0178	0.8917	0	82.5	52.8	150				
1,1-Dichloroethene	0.831	0.0178	0.8917	0	93.2	62.9	149				

Work Order: 2009354
CLIENT: Aspect Consulting
Project: MBHA- Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009317-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/25/2020** RunNo: **62140**
Client ID: **BATCH** Batch ID: **29795** Analysis Date: **9/26/2020** SeqNo: **1246640**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	0.865	0.0178	0.8917	0	97.1	73.1	130				
cis-1,2-Dichloroethene	0.903	0.0178	0.8917	0	101	77.5	125				
Trichloroethene (TCE)	0.903	0.0178	0.8917	0	101	72	133				
Tetrachloroethene (PCE)	0.889	0.0178	0.8917	0	99.6	72.7	128				
Surr: Dibromofluoromethane	1.13		1.115		102	85.2	113				
Surr: Toluene-d8	1.11		1.115		99.9	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.12		1.115		100	88.6	109				

Sample ID: **2009317-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/25/2020** RunNo: **62140**
Client ID: **BATCH** Batch ID: **29795** Analysis Date: **9/26/2020** SeqNo: **1246641**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.676	0.0178	0.8917	0	75.8	52.8	150	0.7353	8.41	30	
1,1-Dichloroethene	0.783	0.0178	0.8917	0	87.8	62.9	149	0.8311	6.00	30	
trans-1,2-Dichloroethene	0.832	0.0178	0.8917	0	93.3	73.1	130	0.8654	3.95	30	
cis-1,2-Dichloroethene	0.871	0.0178	0.8917	0	97.6	77.5	125	0.9034	3.70	30	
Trichloroethene (TCE)	0.861	0.0178	0.8917	0	96.6	72	133	0.9025	4.70	30	
Tetrachloroethene (PCE)	0.829	0.0178	0.8917	0	93.0	72.7	128	0.8885	6.94	30	
Surr: Dibromofluoromethane	1.14		1.115		103	85.2	113		0		
Surr: Toluene-d8	1.11		1.115		100	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.13		1.115		101	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2009354**
Logged by:	**Gabrielle Coeuille**	Date Received:	**9/22/2020 1:27:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☐	No	☑	NA ☐
	Samples were collected the same day and chilled.					
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	7.4

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 9/22/20 Page: 1 of:

Laboratory Project No (internal): 2009354

Project Name: M13HA-Maddux North

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste. 550

Collected by: DW

City, State, Zip: Seattle, WA, 98104

Location: Maddux North

Telephone: (206) 413-5411

Report To (PM): A. Yorkofsky

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs SOLD				Comments
1	SW-P20-67-N	9/22/20	1025	S													X					
2	SW-P22-67-N		1015																			
3	SW-P24-67-N		1005																			
4	SW-P28-62-N		0925																			
5	SW-P30-62-N		0905																			
6	Trip Blank	—	—	W																		
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- [x] Standard
- [ ] 3 Day
- [ ] 2 Day
- [ ] Next Day
- Same Day (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	9/22/2020 1327	x [signature]	9/22/20 13:27
Relinquished	Date/Time	Received	Date/Time
x		x	

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2009381

September 30, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 9 sample(s) on 9/23/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *09/30/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2009381

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2009381-001	SW-P18-67-N	09/23/2020 7:45 AM	09/23/2020 3:38 PM
2009381-002	SW-P48-67-N	09/23/2020 8:55 AM	09/23/2020 3:38 PM
2009381-003	SW-P50-67-N	09/23/2020 9:35 AM	09/23/2020 3:38 PM
2009381-004	SW-P52-67-N	09/23/2020 9:40 AM	09/23/2020 3:38 PM
2009381-005	SW-P36-67-N	09/23/2020 10:40 AM	09/23/2020 3:38 PM
2009381-006	SW-P38-67-N	09/23/2020 10:50 AM	09/23/2020 3:38 PM
2009381-007	SW-P40-67-N	09/23/2020 11:00 AM	09/23/2020 3:38 PM
2009381-008	SW-DUP-5-N	09/23/2020 10:20 AM	09/23/2020 3:38 PM
2009381-009	Trip Blank	09/21/2020 11:51 AM	09/23/2020 3:38 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2009381**
Date: **9/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009381-001 **Collection Date:** 9/23/2020 7:45:00 AM
Client Sample ID: **SW-P18-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29795		Analyst: KT
Vinyl chloride	ND	0.0236		mg/Kg-dry	1	9/26/2020 3:36:59 AM
1,1-Dichloroethene	ND	0.0236		mg/Kg-dry	1	9/26/2020 3:36:59 AM
trans-1,2-Dichloroethene	ND	0.0236		mg/Kg-dry	1	9/26/2020 3:36:59 AM
cis-1,2-Dichloroethene	ND	0.0236		mg/Kg-dry	1	9/26/2020 3:36:59 AM
Trichloroethene (TCE)	ND	0.0236		mg/Kg-dry	1	9/26/2020 3:36:59 AM
Tetrachloroethene (PCE)	4.10	0.236	D	mg/Kg-dry	10	9/28/2020 9:16:24 AM
Surr: Dibromofluoromethane	101	85.2 - 113		%Rec	1	9/26/2020 3:36:59 AM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	9/26/2020 3:36:59 AM
Surr: 1-Bromo-4-fluorobenzene	99.9	88.6 - 109		%Rec	1	9/26/2020 3:36:59 AM
Sample Moisture (Percent Moisture)				Batch ID: R62145		Analyst: LB
Percent Moisture	21.5	0.500		wt%	1	9/28/2020 2:17:01 PM

Lab ID: 2009381-002 **Collection Date:** 9/23/2020 8:55:00 AM
Client Sample ID: **SW-P48-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29795		Analyst: KT
Vinyl chloride	ND	0.0210		mg/Kg-dry	1	9/26/2020 8:38:29 AM
1,1-Dichloroethene	ND	0.0210		mg/Kg-dry	1	9/26/2020 8:38:29 AM
trans-1,2-Dichloroethene	ND	0.0210		mg/Kg-dry	1	9/26/2020 8:38:29 AM
cis-1,2-Dichloroethene	ND	0.0210		mg/Kg-dry	1	9/26/2020 8:38:29 AM
Trichloroethene (TCE)	ND	0.0210		mg/Kg-dry	1	9/26/2020 8:38:29 AM
Tetrachloroethene (PCE)	0.0287	0.0210		mg/Kg-dry	1	9/26/2020 8:38:29 AM
Surr: Dibromofluoromethane	100	85.2 - 113		%Rec	1	9/26/2020 8:38:29 AM
Surr: Toluene-d8	99.9	88.5 - 110		%Rec	1	9/26/2020 8:38:29 AM
Surr: 1-Bromo-4-fluorobenzene	99.7	88.6 - 109		%Rec	1	9/26/2020 8:38:29 AM
Sample Moisture (Percent Moisture)				Batch ID: R62145		Analyst: LB
Percent Moisture	6.18	0.500		wt%	1	9/28/2020 2:17:01 PM

Analytical Report

Work Order: **2009381**
Date Reported: **9/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009381-003 **Collection Date:** 9/23/2020 9:35:00 AM
Client Sample ID: **SW-P50-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29795		Analyst: KT
Vinyl chloride	ND	0.0255		mg/Kg-dry	1	9/26/2020 9:08:38 AM
1,1-Dichloroethene	ND	0.0255		mg/Kg-dry	1	9/26/2020 9:08:38 AM
trans-1,2-Dichloroethene	ND	0.0255		mg/Kg-dry	1	9/26/2020 9:08:38 AM
cis-1,2-Dichloroethene	ND	0.0255		mg/Kg-dry	1	9/26/2020 9:08:38 AM
Trichloroethene (TCE)	ND	0.0255		mg/Kg-dry	1	9/26/2020 9:08:38 AM
Tetrachloroethene (PCE)	ND	0.0255		mg/Kg-dry	1	9/26/2020 9:08:38 AM
Surr: Dibromofluoromethane	101	85.2 - 113		%Rec	1	9/26/2020 9:08:38 AM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	9/26/2020 9:08:38 AM
Surr: 1-Bromo-4-fluorobenzene	102	88.6 - 109		%Rec	1	9/26/2020 9:08:38 AM
Sample Moisture (Percent Moisture)				Batch ID: R62145		Analyst: LB
Percent Moisture	7.76	0.500		wt%	1	9/28/2020 2:17:01 PM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009381-005 **Collection Date:** 9/23/2020 10:40:00 AM
Client Sample ID: **SW-P36-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29795		Analyst: KT
Vinyl chloride	ND	0.0211		mg/Kg-dry	1	9/26/2020 9:38:47 AM
1,1-Dichloroethene	ND	0.0211		mg/Kg-dry	1	9/26/2020 9:38:47 AM
trans-1,2-Dichloroethene	ND	0.0211		mg/Kg-dry	1	9/26/2020 9:38:47 AM
cis-1,2-Dichloroethene	0.0472	0.0211		mg/Kg-dry	1	9/26/2020 9:38:47 AM
Trichloroethene (TCE)	0.0781	0.0211		mg/Kg-dry	1	9/26/2020 9:38:47 AM
Tetrachloroethene (PCE)	4.43	0.211	D	mg/Kg-dry	10	9/28/2020 9:46:37 AM
Surr: Dibromofluoromethane	101	85.2 - 113		%Rec	1	9/26/2020 9:38:47 AM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	9/26/2020 9:38:47 AM
Surr: 1-Bromo-4-fluorobenzene	100	88.6 - 109		%Rec	1	9/26/2020 9:38:47 AM
Sample Moisture (Percent Moisture)				Batch ID: R62145		Analyst: LB
Percent Moisture	16.3	0.500		wt%	1	9/28/2020 2:17:01 PM

Lab ID: 2009381-006 **Collection Date:** 9/23/2020 10:50:00 AM
Client Sample ID: **SW-P38-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29795		Analyst: KT
Vinyl chloride	ND	0.0194		mg/Kg-dry	1	9/26/2020 10:08:56 AM
1,1-Dichloroethene	ND	0.0194		mg/Kg-dry	1	9/26/2020 10:08:56 AM
trans-1,2-Dichloroethene	ND	0.0194		mg/Kg-dry	1	9/26/2020 10:08:56 AM
cis-1,2-Dichloroethene	ND	0.0194		mg/Kg-dry	1	9/26/2020 10:08:56 AM
Trichloroethene (TCE)	ND	0.0194		mg/Kg-dry	1	9/26/2020 10:08:56 AM
Tetrachloroethene (PCE)	0.688	0.0194		mg/Kg-dry	1	9/26/2020 10:08:56 AM
Surr: Dibromofluoromethane	99.8	85.2 - 113		%Rec	1	9/26/2020 10:08:56 AM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	9/26/2020 10:08:56 AM
Surr: 1-Bromo-4-fluorobenzene	99.9	88.6 - 109		%Rec	1	9/26/2020 10:08:56 AM
Sample Moisture (Percent Moisture)				Batch ID: R62145		Analyst: LB
Percent Moisture	15.1	0.500		wt%	1	9/28/2020 2:17:01 PM

Analytical Report

Work Order: **2009381**
Date Reported: **9/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009381-007 **Collection Date:** 9/23/2020 11:00:00 AM
Client Sample ID: **SW-P40-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29795		Analyst: KT
Vinyl chloride	ND	0.0213		mg/Kg-dry	1	9/26/2020 10:39:07 AM
1,1-Dichloroethene	ND	0.0213		mg/Kg-dry	1	9/26/2020 10:39:07 AM
trans-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	9/26/2020 10:39:07 AM
cis-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	9/26/2020 10:39:07 AM
Trichloroethene (TCE)	ND	0.0213		mg/Kg-dry	1	9/26/2020 10:39:07 AM
Tetrachloroethene (PCE)	0.0400	0.0213		mg/Kg-dry	1	9/26/2020 10:39:07 AM
Surr: Dibromofluoromethane	99.8	85.2 - 113		%Rec	1	9/26/2020 10:39:07 AM
Surr: Toluene-d8	99.7	88.5 - 110		%Rec	1	9/26/2020 10:39:07 AM
Surr: 1-Bromo-4-fluorobenzene	99.1	88.6 - 109		%Rec	1	9/26/2020 10:39:07 AM
Sample Moisture (Percent Moisture)				Batch ID: R62145		Analyst: LB
Percent Moisture	14.8	0.500		wt%	1	9/28/2020 2:17:01 PM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2009381-008 **Collection Date:** 9/23/2020 10:20:00 AM
Client Sample ID: **SW-DUP-5-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29795		Analyst: KT
Vinyl chloride	ND	0.0226		mg/Kg-dry	1	9/26/2020 11:09:17 AM
1,1-Dichloroethene	ND	0.0226		mg/Kg-dry	1	9/26/2020 11:09:17 AM
trans-1,2-Dichloroethene	ND	0.0226		mg/Kg-dry	1	9/26/2020 11:09:17 AM
cis-1,2-Dichloroethene	0.0396	0.0226		mg/Kg-dry	1	9/26/2020 11:09:17 AM
Trichloroethene (TCE)	0.0633	0.0226		mg/Kg-dry	1	9/26/2020 11:09:17 AM
Tetrachloroethene (PCE)	3.89	0.226	D	mg/Kg-dry	10	9/28/2020 10:16:48 AM
Surr: Dibromofluoromethane	100	85.2 - 113		%Rec	1	9/26/2020 11:09:17 AM
Surr: Toluene-d8	101	88.5 - 110		%Rec	1	9/26/2020 11:09:17 AM
Surr: 1-Bromo-4-fluorobenzene	99.8	88.6 - 109		%Rec	1	9/26/2020 11:09:17 AM
Sample Moisture (Percent Moisture)				Batch ID: R62145		Analyst: LB
Percent Moisture	16.3	0.500		wt%	1	9/28/2020 2:17:01 PM

Lab ID: 2009381-009 **Collection Date:** 9/21/2020 11:51:00 AM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29795		Analyst: KT
Vinyl chloride	ND	0.0200		mg/Kg	1	9/25/2020 10:35:38 PM
1,1-Dichloroethene	ND	0.0200		mg/Kg	1	9/25/2020 10:35:38 PM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	9/25/2020 10:35:38 PM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	9/25/2020 10:35:38 PM
Trichloroethene (TCE)	ND	0.0200		mg/Kg	1	9/25/2020 10:35:38 PM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg	1	9/25/2020 10:35:38 PM
Surr: Dibromofluoromethane	98.5	85.2 - 113		%Rec	1	9/25/2020 10:35:38 PM
Surr: Toluene-d8	99.5	88.5 - 110		%Rec	1	9/25/2020 10:35:38 PM
Surr: 1-Bromo-4-fluorobenzene	99.7	88.6 - 109		%Rec	1	9/25/2020 10:35:38 PM

Work Order: 2009381
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29795** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/25/2020** RunNo: **62140**
Client ID: **LCSS** Batch ID: **29795** Analysis Date: **9/25/2020** SeqNo: **1246668**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.02	0.0200	1.000	0	102	66	131				
1,1-Dichloroethene	1.04	0.0200	1.000	0	104	63.4	139				
trans-1,2-Dichloroethene	1.03	0.0200	1.000	0	103	80.5	116				
cis-1,2-Dichloroethene	1.03	0.0200	1.000	0	103	81.8	114				
Trichloroethene (TCE)	1.03	0.0200	1.000	0	103	80.8	117				
Tetrachloroethene (PCE)	1.03	0.0200	1.000	0	103	81.8	116				
Surr: Dibromofluoromethane	1.27		1.250		101	85.2	113				
Surr: Toluene-d8	1.26		1.250		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		99.7	88.6	109				

Sample ID: **MB-29795** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/25/2020** RunNo: **62140**
Client ID: **MBLKS** Batch ID: **29795** Analysis Date: **9/25/2020** SeqNo: **1246669**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.22		1.250		97.4	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.7	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.26		1.250		100	88.6	109				

Sample ID: **2009317-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/25/2020** RunNo: **62140**
Client ID: **BATCH** Batch ID: **29795** Analysis Date: **9/25/2020** SeqNo: **1246638**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0181						0		30	

Work Order: 2009381
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009317-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/25/2020** RunNo: **62140**
Client ID: **BATCH** Batch ID: **29795** Analysis Date: **9/25/2020** SeqNo: **1246638**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0181						0		30	
trans-1,2-Dichloroethene	ND	0.0181						0		30	
cis-1,2-Dichloroethene	ND	0.0181						0		30	
Trichloroethene (TCE)	ND	0.0181						0		30	
Tetrachloroethene (PCE)	ND	0.0181						0		30	
Surr: Dibromofluoromethane	1.15		1.129		102	85.2	113		0		
Surr: Toluene-d8	1.13		1.129		100	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.14		1.129		101	88.6	109		0		

Sample ID: **2009335-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/25/2020** RunNo: **62140**
Client ID: **BATCH** Batch ID: **29795** Analysis Date: **9/26/2020** SeqNo: **1246644**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0286						0		30	
1,1-Dichloroethene	ND	0.0286						0		30	
trans-1,2-Dichloroethene	ND	0.0286						0		30	
cis-1,2-Dichloroethene	ND	0.0286						0		30	
Trichloroethene (TCE)	ND	0.0286						0		30	
Tetrachloroethene (PCE)	ND	0.0286						0		30	
Surr: Dibromofluoromethane	1.83		1.785		103	85.2	113		0		
Surr: Toluene-d8	1.79		1.785		101	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.80		1.785		101	88.6	109		0		

Sample ID: **2009317-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/25/2020** RunNo: **62140**
Client ID: **BATCH** Batch ID: **29795** Analysis Date: **9/26/2020** SeqNo: **1246640**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.735	0.0178	0.8917	0	82.5	52.8	150				
1,1-Dichloroethene	0.831	0.0178	0.8917	0	93.2	62.9	149				

Work Order: 2009381
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009317-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/25/2020** RunNo: **62140**
Client ID: **BATCH** Batch ID: **29795** Analysis Date: **9/26/2020** SeqNo: **1246640**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	0.865	0.0178	0.8917	0	97.1	73.1	130				
cis-1,2-Dichloroethene	0.903	0.0178	0.8917	0	101	77.5	125				
Trichloroethene (TCE)	0.903	0.0178	0.8917	0	101	72	133				
Tetrachloroethene (PCE)	0.889	0.0178	0.8917	0	99.6	72.7	128				
Surr: Dibromofluoromethane	1.13		1.115		102	85.2	113				
Surr: Toluene-d8	1.11		1.115		99.9	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.12		1.115		100	88.6	109				

Sample ID: **2009317-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/25/2020** RunNo: **62140**
Client ID: **BATCH** Batch ID: **29795** Analysis Date: **9/26/2020** SeqNo: **1246641**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.676	0.0178	0.8917	0	75.8	52.8	150	0.7353	8.41	30	
1,1-Dichloroethene	0.783	0.0178	0.8917	0	87.8	62.9	149	0.8311	6.00	30	
trans-1,2-Dichloroethene	0.832	0.0178	0.8917	0	93.3	73.1	130	0.8654	3.95	30	
cis-1,2-Dichloroethene	0.871	0.0178	0.8917	0	97.6	77.5	125	0.9034	3.70	30	
Trichloroethene (TCE)	0.861	0.0178	0.8917	0	96.6	72	133	0.9025	4.70	30	
Tetrachloroethene (PCE)	0.829	0.0178	0.8917	0	93.0	72.7	128	0.8885	6.94	30	
Surr: Dibromofluoromethane	1.14		1.115		103	85.2	113		0		
Surr: Toluene-d8	1.11		1.115		100	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.13		1.115		101	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2009381**
Logged by:	**Carissa True**	Date Received:	**9/23/2020 3:38:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	1.2

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 4/23/2020 Page: 1 of: 1
Project Name: Maddox North
Project No: 160324
Collected by: DWJ
Location: Maddox North
Report To (PM): A. Yonkofski
PM Email: ayonkofski@aspectconsulting.com
Client: Aspect Consulting
Address: 710 2nd Ave, Ste. 550
City, State, Zip: Seattle, WA, 98104
Telephone: (206) 413-5411
Fax:

Laboratory Project No (internal): 2009381
Special Remarks:
Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260	PSA			Comments
1	SW-P48-67-N	9/23/20	0745	S														X				
2	SW-P48-67-N		0855																			
3	SW-P50-67-N		0935																			
4	SW-P52-67-N		0940																X			
5	SW-P36-67-N		1040															X				
6	SW-P38-67-N		1050																			
7	SW-P40-67-N		1100																			
8	~~SW-P42-67-N~~		~~1110~~																			not included
9	SW-DUP-5-N	9/23/20	1020																			
10	Trip blank	—	—	W																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	4/23/20 1356	x [signature]	9/23/20 13:58
Relinquished x	Date/Time	Received x [signature]	Date/Time 9/23/20 @ 1538

Turn-around Time:
- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2009489

October 05, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 9 sample(s) on 9/25/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 200.8
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Spencer Ambauen

Date: *10/05/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2009489

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2009489-001	SW-P24-57-S	09/25/2020 8:25 AM	09/25/2020 2:26 PM
2009489-002	SW-P24-60-S	09/25/2020 8:55 AM	09/25/2020 2:26 PM
2009489-003	SW-P28-60-S	09/25/2020 9:20 AM	09/25/2020 2:26 PM
2009489-004	SW-P28-57-S	09/25/2020 9:25 AM	09/25/2020 2:26 PM
2009489-005	SW-P30-60-S	09/25/2020 10:05 AM	09/25/2020 2:26 PM
2009489-006	SW-P30-55-S	09/25/2020 10:10 AM	09/25/2020 2:26 PM
2009489-007	INF-092520-N	09/25/2020 1:20 PM	09/25/2020 2:26 PM
2009489-008	EFF-092520-N	09/25/2020 1:30 PM	09/25/2020 2:26 PM
2009489-009	Trip Blank	09/10/2020 11:07 AM	09/25/2020 2:26 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2009489**
Date: **10/5/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2009489**
Date Reported: **10/5/2020**

Client: Aspect Consulting
Collection Date: 9/25/2020 8:25:00 AM
Project: Maddux North
Lab ID: 2009489-001
Matrix: Soil
Client Sample ID: SW-P24-57-S

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29833		Analyst: DW
Diesel (Fuel Oil)	ND	20.6		mg/Kg-dry	1	9/30/2020 1:44:00 AM
Heavy Oil	849	51.6		mg/Kg-dry	1	9/30/2020 1:44:00 AM
Surr: 2-Fluorobiphenyl	62.3	50 - 150		%Rec	1	9/30/2020 1:44:00 AM
Surr: o-Terphenyl	60.6	50 - 150		%Rec	1	9/30/2020 1:44:00 AM
Gasoline by NWTPH-Gx				Batch ID: 29825		Analyst: CR
Gasoline	ND	7.02		mg/Kg-dry	1	9/29/2020 3:32:24 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	9/29/2020 3:32:24 PM
Surr: 4-Bromofluorobenzene	92.7	65 - 135		%Rec	1	9/29/2020 3:32:24 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29885		Analyst: KT
Vinyl chloride	ND	0.0281		mg/Kg-dry	1	10/2/2020 6:06:46 PM
1,1-Dichloroethene	ND	0.0281		mg/Kg-dry	1	10/2/2020 6:06:46 PM
trans-1,2-Dichloroethene	ND	0.0281		mg/Kg-dry	1	10/2/2020 6:06:46 PM
cis-1,2-Dichloroethene	ND	0.0281		mg/Kg-dry	1	10/2/2020 6:06:46 PM
Benzene	ND	0.0281		mg/Kg-dry	1	10/2/2020 6:06:46 PM
Trichloroethene (TCE)	ND	0.0281		mg/Kg-dry	1	10/2/2020 6:06:46 PM
Toluene	ND	0.0281		mg/Kg-dry	1	10/2/2020 6:06:46 PM
Tetrachloroethene (PCE)	0.101	0.0281		mg/Kg-dry	1	10/2/2020 6:06:46 PM
Ethylbenzene	ND	0.0351		mg/Kg-dry	1	10/2/2020 6:06:46 PM
m,p-Xylene	ND	0.0702		mg/Kg-dry	1	10/2/2020 6:06:46 PM
o-Xylene	ND	0.0351		mg/Kg-dry	1	10/2/2020 6:06:46 PM
Surr: Dibromofluoromethane	102	85.2 - 113		%Rec	1	10/2/2020 6:06:46 PM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	10/2/2020 6:06:46 PM
Surr: 1-Bromo-4-fluorobenzene	100	88.6 - 109		%Rec	1	10/2/2020 6:06:46 PM
Sample Moisture (Percent Moisture)				Batch ID: R62216		Analyst: LB
Percent Moisture	10.4	0.500		wt%	1	9/30/2020 10:27:51 AM

Analytical Report

Work Order: **2009489**
Date Reported: **10/5/2020**

Client: Aspect Consulting
Collection Date: 9/25/2020 8:55:00 AM
Project: Maddux North
Lab ID: 2009489-002
Matrix: Soil
Client Sample ID: SW-P24-60-S

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29833		Analyst: DW
Diesel (Fuel Oil)	ND	24.4		mg/Kg-dry	1	9/30/2020 2:13:42 AM
Heavy Oil	454	61.0		mg/Kg-dry	1	9/30/2020 2:13:42 AM
Surr: 2-Fluorobiphenyl	81.2	50 - 150		%Rec	1	9/30/2020 2:13:42 AM
Surr: o-Terphenyl	77.2	50 - 150		%Rec	1	9/30/2020 2:13:42 AM
Gasoline by NWTPH-Gx				Batch ID: 29825		Analyst: CR
Gasoline	ND	5.57		mg/Kg-dry	1	9/29/2020 4:02:33 PM
Surr: Toluene-d8	99.2	65 - 135		%Rec	1	9/29/2020 4:02:33 PM
Surr: 4-Bromofluorobenzene	93.1	65 - 135		%Rec	1	9/29/2020 4:02:33 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29885		Analyst: KT
Vinyl chloride	ND	0.0223		mg/Kg-dry	1	10/2/2020 6:36:49 PM
1,1-Dichloroethene	ND	0.0223		mg/Kg-dry	1	10/2/2020 6:36:49 PM
trans-1,2-Dichloroethene	ND	0.0223		mg/Kg-dry	1	10/2/2020 6:36:49 PM
cis-1,2-Dichloroethene	ND	0.0223		mg/Kg-dry	1	10/2/2020 6:36:49 PM
Benzene	ND	0.0223		mg/Kg-dry	1	10/2/2020 6:36:49 PM
Trichloroethene (TCE)	ND	0.0223		mg/Kg-dry	1	10/2/2020 6:36:49 PM
Toluene	ND	0.0223		mg/Kg-dry	1	10/2/2020 6:36:49 PM
Tetrachloroethene (PCE)	0.0348	0.0223		mg/Kg-dry	1	10/2/2020 6:36:49 PM
Ethylbenzene	ND	0.0278		mg/Kg-dry	1	10/2/2020 6:36:49 PM
m,p-Xylene	ND	0.0557		mg/Kg-dry	1	10/2/2020 6:36:49 PM
o-Xylene	ND	0.0278		mg/Kg-dry	1	10/2/2020 6:36:49 PM
Surr: Dibromofluoromethane	102	85.2 - 113		%Rec	1	10/2/2020 6:36:49 PM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	10/2/2020 6:36:49 PM
Surr: 1-Bromo-4-fluorobenzene	99.1	88.6 - 109		%Rec	1	10/2/2020 6:36:49 PM
Sample Moisture (Percent Moisture)				Batch ID: R62216		Analyst: LB
Percent Moisture	22.3	0.500		wt%	1	9/30/2020 10:27:51 AM

Analytical Report

Work Order: **2009489**
Date Reported: **10/5/2020**

Client: Aspect Consulting
Collection Date: 9/25/2020 9:20:00 AM
Project: Maddux North
Lab ID: 2009489-003
Matrix: Soil
Client Sample ID: SW-P28-60-S

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29833		Analyst: DW
Diesel (Fuel Oil)	ND	22.1		mg/Kg-dry	1	9/30/2020 2:43:19 AM
Heavy Oil	111	55.3		mg/Kg-dry	1	9/30/2020 2:43:19 AM
Surr: 2-Fluorobiphenyl	82.5	50 - 150		%Rec	1	9/30/2020 2:43:19 AM
Surr: o-Terphenyl	77.3	50 - 150		%Rec	1	9/30/2020 2:43:19 AM
Gasoline by NWTPH-Gx				Batch ID: 29825		Analyst: CR
Gasoline	ND	5.76		mg/Kg-dry	1	9/29/2020 4:32:44 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	9/29/2020 4:32:44 PM
Surr: 4-Bromofluorobenzene	92.7	65 - 135		%Rec	1	9/29/2020 4:32:44 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29885		Analyst: KT
Vinyl chloride	ND	0.0231		mg/Kg-dry	1	10/2/2020 7:06:55 PM
1,1-Dichloroethene	ND	0.0231		mg/Kg-dry	1	10/2/2020 7:06:55 PM
trans-1,2-Dichloroethene	ND	0.0231		mg/Kg-dry	1	10/2/2020 7:06:55 PM
cis-1,2-Dichloroethene	ND	0.0231		mg/Kg-dry	1	10/2/2020 7:06:55 PM
Benzene	ND	0.0231		mg/Kg-dry	1	10/2/2020 7:06:55 PM
Trichloroethene (TCE)	ND	0.0231		mg/Kg-dry	1	10/2/2020 7:06:55 PM
Toluene	ND	0.0231		mg/Kg-dry	1	10/2/2020 7:06:55 PM
Tetrachloroethene (PCE)	0.0793	0.0231		mg/Kg-dry	1	10/2/2020 7:06:55 PM
Ethylbenzene	ND	0.0288		mg/Kg-dry	1	10/2/2020 7:06:55 PM
m,p-Xylene	ND	0.0576		mg/Kg-dry	1	10/2/2020 7:06:55 PM
o-Xylene	ND	0.0288		mg/Kg-dry	1	10/2/2020 7:06:55 PM
Surr: Dibromofluoromethane	103	85.2 - 113		%Rec	1	10/2/2020 7:06:55 PM
Surr: Toluene-d8	101	88.5 - 110		%Rec	1	10/2/2020 7:06:55 PM
Surr: 1-Bromo-4-fluorobenzene	99.2	88.6 - 109		%Rec	1	10/2/2020 7:06:55 PM
Sample Moisture (Percent Moisture)				Batch ID: R62216		Analyst: LB
Percent Moisture	13.1	0.500		wt%	1	9/30/2020 10:27:51 AM

Client: Aspect Consulting
Collection Date: 9/25/2020 9:25:00 AM
Project: Maddux North
Lab ID: 2009489-004
Matrix: Soil
Client Sample ID: SW-P28-57-S

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29833		Analyst: DW
Diesel (Fuel Oil)	ND	20.9		mg/Kg-dry	1	9/30/2020 3:12:59 AM
Heavy Oil	77.4	52.4		mg/Kg-dry	1	9/30/2020 3:12:59 AM
Surr: 2-Fluorobiphenyl	79.4	50 - 150		%Rec	1	9/30/2020 3:12:59 AM
Surr: o-Terphenyl	74.9	50 - 150		%Rec	1	9/30/2020 3:12:59 AM
Gasoline by NWTPH-Gx				Batch ID: 29825		Analyst: CR
Gasoline	ND	4.99		mg/Kg-dry	1	9/29/2020 5:02:53 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	9/29/2020 5:02:53 PM
Surr: 4-Bromofluorobenzene	92.7	65 - 135		%Rec	1	9/29/2020 5:02:53 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29885		Analyst: KT
Vinyl chloride	ND	0.0199		mg/Kg-dry	1	10/2/2020 7:37:01 PM
1,1-Dichloroethene	ND	0.0199		mg/Kg-dry	1	10/2/2020 7:37:01 PM
trans-1,2-Dichloroethene	ND	0.0199		mg/Kg-dry	1	10/2/2020 7:37:01 PM
cis-1,2-Dichloroethene	ND	0.0199		mg/Kg-dry	1	10/2/2020 7:37:01 PM
Benzene	ND	0.0199		mg/Kg-dry	1	10/2/2020 7:37:01 PM
Trichloroethene (TCE)	ND	0.0199		mg/Kg-dry	1	10/2/2020 7:37:01 PM
Toluene	ND	0.0199		mg/Kg-dry	1	10/2/2020 7:37:01 PM
Tetrachloroethene (PCE)	0.125	0.0199		mg/Kg-dry	1	10/2/2020 7:37:01 PM
Ethylbenzene	ND	0.0249		mg/Kg-dry	1	10/2/2020 7:37:01 PM
m,p-Xylene	ND	0.0499		mg/Kg-dry	1	10/2/2020 7:37:01 PM
o-Xylene	ND	0.0249		mg/Kg-dry	1	10/2/2020 7:37:01 PM
Surr: Dibromofluoromethane	103	85.2 - 113		%Rec	1	10/2/2020 7:37:01 PM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	10/2/2020 7:37:01 PM
Surr: 1-Bromo-4-fluorobenzene	100	88.6 - 109		%Rec	1	10/2/2020 7:37:01 PM
Sample Moisture (Percent Moisture)				Batch ID: R62216		Analyst: LB
Percent Moisture	14.4	0.500		wt%	1	9/30/2020 10:27:51 AM

Analytical Report

Work Order: **2009489**
Date Reported: **10/5/2020**

Client: Aspect Consulting
Collection Date: 9/25/2020 10:05:00 AM
Project: Maddux North
Lab ID: 2009489-005
Matrix: Soil
Client Sample ID: SW-P30-60-S

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29833		Analyst: DW
Diesel (Fuel Oil)	ND	23.6		mg/Kg-dry	1	9/30/2020 3:42:37 AM
Heavy Oil	ND	58.9		mg/Kg-dry	1	9/30/2020 3:42:37 AM
Surr: 2-Fluorobiphenyl	80.1	50 - 150		%Rec	1	9/30/2020 3:42:37 AM
Surr: o-Terphenyl	75.0	50 - 150		%Rec	1	9/30/2020 3:42:37 AM
Gasoline by NWTPH-Gx				Batch ID: 29825		Analyst: CR
Gasoline	ND	4.83		mg/Kg-dry	1	9/29/2020 5:33:04 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	9/29/2020 5:33:04 PM
Surr: 4-Bromofluorobenzene	92.7	65 - 135		%Rec	1	9/29/2020 5:33:04 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29825		Analyst: CR
Vinyl chloride	ND	0.0193		mg/Kg-dry	1	9/29/2020 5:33:04 PM
1,1-Dichloroethene	ND	0.0193		mg/Kg-dry	1	9/29/2020 5:33:04 PM
trans-1,2-Dichloroethene	ND	0.0193		mg/Kg-dry	1	9/29/2020 5:33:04 PM
cis-1,2-Dichloroethene	ND	0.0193		mg/Kg-dry	1	9/29/2020 5:33:04 PM
Benzene	ND	0.0193		mg/Kg-dry	1	9/29/2020 5:33:04 PM
Trichloroethene (TCE)	ND	0.0193		mg/Kg-dry	1	9/29/2020 5:33:04 PM
Toluene	ND	0.0193		mg/Kg-dry	1	9/29/2020 5:33:04 PM
Tetrachloroethene (PCE)	ND	0.0193		mg/Kg-dry	1	9/29/2020 5:33:04 PM
Ethylbenzene	ND	0.0242		mg/Kg-dry	1	9/29/2020 5:33:04 PM
m,p-Xylene	ND	0.0483		mg/Kg-dry	1	9/29/2020 5:33:04 PM
o-Xylene	ND	0.0242		mg/Kg-dry	1	9/29/2020 5:33:04 PM
Surr: Dibromofluoromethane	98.3	85.2 - 113		%Rec	1	9/29/2020 5:33:04 PM
Surr: Toluene-d8	98.1	88.5 - 110		%Rec	1	9/29/2020 5:33:04 PM
Surr: 1-Bromo-4-fluorobenzene	98.1	88.6 - 109		%Rec	1	9/29/2020 5:33:04 PM
Sample Moisture (Percent Moisture)				Batch ID: R62224		Analyst: LB
Percent Moisture	15.3	0.500		wt%	1	9/30/2020 2:11:58 PM

Analytical Report

Work Order: **2009489**
Date Reported: **10/5/2020**

Client: Aspect Consulting
Collection Date: 9/25/2020 10:10:00 AM
Project: Maddux North
Lab ID: 2009489-006
Matrix: Soil
Client Sample ID: SW-P30-55-S

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29849		Analyst: DW
Diesel (Fuel Oil)	ND	21.2		mg/Kg-dry	1	9/30/2020 5:40:35 PM
Heavy Oil	ND	52.9		mg/Kg-dry	1	9/30/2020 5:40:35 PM
Surr: 2-Fluorobiphenyl	83.7	50 - 150		%Rec	1	9/30/2020 5:40:35 PM
Surr: o-Terphenyl	78.1	50 - 150		%Rec	1	9/30/2020 5:40:35 PM
Gasoline by NWTPH-Gx				Batch ID: 29825		Analyst: CR
Gasoline	ND	5.01		mg/Kg-dry	1	9/29/2020 6:03:14 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	9/29/2020 6:03:14 PM
Surr: 4-Bromofluorobenzene	94.2	65 - 135		%Rec	1	9/29/2020 6:03:14 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29885		Analyst: KT
Vinyl chloride	ND	0.0201		mg/Kg-dry	1	10/2/2020 8:07:02 PM
1,1-Dichloroethene	ND	0.0201		mg/Kg-dry	1	10/2/2020 8:07:02 PM
trans-1,2-Dichloroethene	ND	0.0201		mg/Kg-dry	1	10/2/2020 8:07:02 PM
cis-1,2-Dichloroethene	ND	0.0201		mg/Kg-dry	1	10/2/2020 8:07:02 PM
Benzene	ND	0.0201		mg/Kg-dry	1	10/2/2020 8:07:02 PM
Trichloroethene (TCE)	ND	0.0201		mg/Kg-dry	1	10/2/2020 8:07:02 PM
Toluene	ND	0.0201		mg/Kg-dry	1	10/2/2020 8:07:02 PM
Tetrachloroethene (PCE)	0.202	0.0201		mg/Kg-dry	1	10/2/2020 8:07:02 PM
Ethylbenzene	ND	0.0251		mg/Kg-dry	1	10/2/2020 8:07:02 PM
m,p-Xylene	ND	0.0501		mg/Kg-dry	1	10/2/2020 8:07:02 PM
o-Xylene	ND	0.0251		mg/Kg-dry	1	10/2/2020 8:07:02 PM
Surr: Dibromofluoromethane	102	85.2 - 113		%Rec	1	10/2/2020 8:07:02 PM
Surr: Toluene-d8	99.5	88.5 - 110		%Rec	1	10/2/2020 8:07:02 PM
Surr: 1-Bromo-4-fluorobenzene	100	88.6 - 109		%Rec	1	10/2/2020 8:07:02 PM
Sample Moisture (Percent Moisture)				Batch ID: R62224		Analyst: LB
Percent Moisture	11.7	0.500		wt%	1	9/30/2020 2:11:58 PM

Analytical Report

Work Order: **2009489**
Date Reported: **10/5/2020**

Client: Aspect Consulting
Collection Date: 9/25/2020 1:20:00 PM
Project: Maddux North
Lab ID: 2009489-007
Matrix: Water
Client Sample ID: INF-092520-N

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29811		Analyst: DW
Diesel (Fuel Oil)	ND	49.5		µg/L	1	9/28/2020 1:11:00 PM
Diesel Range Organics (C12-C24)	140	49.5		µg/L	1	9/28/2020 1:11:00 PM
Heavy Oil	452	99.1		µg/L	1	9/28/2020 1:11:00 PM
Surr: 2-Fluorobiphenyl	90.0	50 - 150		%Rec	1	9/28/2020 1:11:00 PM
Surr: o-Terphenyl	74.6	50 - 150		%Rec	1	9/28/2020 1:11:00 PM

NOTES:
Diesel Range Organics - Indicates unresolved compounds in the Diesel range inconsistent with a known petroleum standard.

Gasoline by NWTPH-Gx				Batch ID: 29794		Analyst: CR
Gasoline	ND	50.0		µg/L	1	9/26/2020 7:40:35 AM
Surr: Toluene-d8	99.8	65 - 135		%Rec	1	9/26/2020 7:40:35 AM
Surr: 4-Bromofluorobenzene	100	65 - 135		%Rec	1	9/26/2020 7:40:35 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29794		Analyst: CR
Vinyl chloride	ND	0.200		µg/L	1	9/26/2020 7:40:35 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	9/26/2020 7:40:35 AM
cis-1,2-Dichloroethene	1.33	1.00		µg/L	1	9/26/2020 7:40:35 AM
Benzene	ND	1.00		µg/L	1	9/26/2020 7:40:35 AM
Trichloroethene (TCE)	2.29	0.500		µg/L	1	9/26/2020 7:40:35 AM
Toluene	ND	1.00		µg/L	1	9/26/2020 7:40:35 AM
Tetrachloroethene (PCE)	200	1.00	E	µg/L	1	9/26/2020 7:40:35 AM
Ethylbenzene	ND	1.00		µg/L	1	9/26/2020 7:40:35 AM
m,p-Xylene	ND	1.00		µg/L	1	9/26/2020 7:40:35 AM
o-Xylene	ND	1.00		µg/L	1	9/26/2020 7:40:35 AM
Isopropylbenzene	ND	1.00		µg/L	1	9/26/2020 7:40:35 AM
n-Propylbenzene	ND	1.00		µg/L	1	9/26/2020 7:40:35 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	9/26/2020 7:40:35 AM
sec-Butylbenzene	ND	1.00		µg/L	1	9/26/2020 7:40:35 AM
n-Butylbenzene	ND	1.00		µg/L	1	9/26/2020 7:40:35 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	9/26/2020 7:40:35 AM
Surr: Dibromofluoromethane	107	84.8 - 113		%Rec	1	9/26/2020 7:40:35 AM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	9/26/2020 7:40:35 AM
Surr: 1-Bromo-4-fluorobenzene	100	89.9 - 108		%Rec	1	9/26/2020 7:40:35 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Analytical Report

Work Order: **2009489**
Date Reported: **10/5/2020**

Client: Aspect Consulting
Project: Maddux North
Lab ID: 2009489-007
Client Sample ID: **INF-092520-N**

Collection Date: 9/25/2020 1:20:00 PM
Matrix: Water

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Metals by EPA Method 200.8				Batch ID: 29817		Analyst: CO
Arsenic	6.79	1.00		µg/L	1	9/28/2020 1:32:52 PM
Barium	73.2	2.50		µg/L	1	9/28/2020 1:32:52 PM

Client: Aspect Consulting
Collection Date: 9/25/2020 1:30:00 PM
Project: Maddux North
Lab ID: 2009489-008
Matrix: Water
Client Sample ID: EFF-092520-N

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29811		Analyst: DW
Diesel (Fuel Oil)	ND	49.6		µg/L	1	9/28/2020 2:11:04 PM
Heavy Oil	ND	99.2		µg/L	1	9/28/2020 2:11:04 PM
Surr: 2-Fluorobiphenyl	85.2	50 - 150		%Rec	1	9/28/2020 2:11:04 PM
Surr: o-Terphenyl	84.6	50 - 150		%Rec	1	9/28/2020 2:11:04 PM
Gasoline by NWTPH-Gx				Batch ID: 29794		Analyst: CR
Gasoline	ND	50.0		µg/L	1	9/26/2020 7:10:08 AM
Surr: Toluene-d8	103	65 - 135		%Rec	1	9/26/2020 7:10:08 AM
Surr: 4-Bromofluorobenzene	101	65 - 135		%Rec	1	9/26/2020 7:10:08 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29794		Analyst: CR
Vinyl chloride	ND	0.200		µg/L	1	9/26/2020 7:10:08 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	9/26/2020 7:10:08 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	9/26/2020 7:10:08 AM
Benzene	ND	1.00		µg/L	1	9/26/2020 7:10:08 AM
Trichloroethene (TCE)	ND	0.500		µg/L	1	9/26/2020 7:10:08 AM
Toluene	ND	1.00		µg/L	1	9/26/2020 7:10:08 AM
Tetrachloroethene (PCE)	ND	1.00		µg/L	1	9/26/2020 7:10:08 AM
Ethylbenzene	ND	1.00		µg/L	1	9/26/2020 7:10:08 AM
m,p-Xylene	ND	1.00		µg/L	1	9/26/2020 7:10:08 AM
o-Xylene	ND	1.00		µg/L	1	9/26/2020 7:10:08 AM
Isopropylbenzene	ND	1.00		µg/L	1	9/26/2020 7:10:08 AM
n-Propylbenzene	ND	1.00		µg/L	1	9/26/2020 7:10:08 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	9/26/2020 7:10:08 AM
sec-Butylbenzene	ND	1.00		µg/L	1	9/26/2020 7:10:08 AM
n-Butylbenzene	ND	1.00		µg/L	1	9/26/2020 7:10:08 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	9/26/2020 7:10:08 AM
Surr: Dibromofluoromethane	105	84.8 - 113		%Rec	1	9/26/2020 7:10:08 AM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	9/26/2020 7:10:08 AM
Surr: 1-Bromo-4-fluorobenzene	102	89.9 - 108		%Rec	1	9/26/2020 7:10:08 AM
Total Metals by EPA Method 200.8				Batch ID: 29817		Analyst: CO
Arsenic	13.3	1.00		µg/L	1	9/28/2020 1:38:26 PM
Barium	7.17	2.50		µg/L	1	9/28/2020 1:38:26 PM

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Total Metals by EPA Method 200.8

Sample ID: **MB-29817** SampType: **MBLK** Units: **µg/L** Prep Date: **9/28/2020** RunNo: **62144**
Client ID: **MBLKW** Batch ID: **29817** Analysis Date: **9/28/2020** SeqNo: **1246708**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.00									
Barium	ND	2.50									

Sample ID: **LCS-29817** SampType: **LCS** Units: **µg/L** Prep Date: **9/28/2020** RunNo: **62144**
Client ID: **LCSW** Batch ID: **29817** Analysis Date: **9/28/2020** SeqNo: **1246709**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	104	1.00	100.0	0	104	85	115				
Barium	101	2.50	100.0	0	101	85	115				

Sample ID: **2009404-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **9/28/2020** RunNo: **62144**
Client ID: **BATCH** Batch ID: **29817** Analysis Date: **9/28/2020** SeqNo: **1246711**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.11	1.00						0.6180	109	30	R
Barium	19.9	2.50						20.04	0.623	30	

NOTES:
R - High RPD observed. The method is in control as indicated by the LCS.

Sample ID: **2009404-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **9/28/2020** RunNo: **62144**
Client ID: **BATCH** Batch ID: **29817** Analysis Date: **9/28/2020** SeqNo: **1246712**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	521	1.00	500.0	0.6180	104	70	130				
Barium	525	2.50	500.0	20.04	101	70	130				

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Total Metals by EPA Method 200.8

Sample ID: **2009404-001AMSD** SampType: **MSD** Units: **µg/L** Prep Date: **9/28/2020** RunNo: **62144**
Client ID: **BATCH** Batch ID: **29817** Analysis Date: **9/28/2020** SeqNo: **1246713**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	510	1.00	500.0	0.6180	102	70	130	520.8	2.04	30	
Barium	508	2.50	500.0	20.04	97.6	70	130	524.7	3.23	30	

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-29833**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **9/29/2020**	RunNo: **62188**
Client ID: **MBLKS**	Batch ID: **29833**		Analysis Date: **9/29/2020**	SeqNo: **1247511**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	15.8		20.00		79.1	50	150				
Surr: o-Terphenyl	14.8		20.00		74.1	50	150				

Sample ID: **LCS-29833**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **9/29/2020**	RunNo: **62188**
Client ID: **LCSS**	Batch ID: **29833**		Analysis Date: **9/29/2020**	SeqNo: **1247512**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	425	20.0	500.0	0	85.0	65	135				
Surr: 2-Fluorobiphenyl	15.4		20.00		76.9	50	150				
Surr: o-Terphenyl	16.5		20.00		82.3	50	150				

Sample ID: **2009520-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **9/29/2020**	RunNo: **62188**
Client ID: **BATCH**	Batch ID: **29833**		Analysis Date: **9/29/2020**	SeqNo: **1247888**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	412	19.7	492.9	0	83.5	65	135				
Surr: 2-Fluorobiphenyl	14.8		19.72		75.1	50	150				
Surr: o-Terphenyl	15.7		19.72		79.9	50	150				

Sample ID: **2009520-001AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **9/29/2020**	RunNo: **62188**
Client ID: **BATCH**	Batch ID: **29833**		Analysis Date: **9/29/2020**	SeqNo: **1247889**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	430	19.6	490.6	0	87.7	65	135	411.7	4.39	30	
Surr: 2-Fluorobiphenyl	14.6		19.62		74.4	50	150		0		
Surr: o-Terphenyl	15.8		19.62		80.5	50	150		0		

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2009487-007ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/29/2020** RunNo: **62188**
Client ID: **BATCH** Batch ID: **29833** Analysis Date: **9/29/2020** SeqNo: **1247892**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	21.0						71.13	4.79	30	
Diesel Range Organics (C12-C24)	67.8	21.0						71.13	4.79	30	
Heavy Oil	124	52.4						155.8	22.7	30	
Surr: 2-Fluorobiphenyl	16.8		20.96		80.1	50	150		0		
Surr: o-Terphenyl	15.7		20.96		74.8	50	150		0		

NOTES:
Diesel Range Organics - Indicates unresolved compounds in the Diesel range inconsistent with a known petroleum standard.

Sample ID: **MB-29849** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/30/2020** RunNo: **62245**
Client ID: **MBLKS** Batch ID: **29849** Analysis Date: **9/30/2020** SeqNo: **1248686**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	16.1		20.00		80.6	50	150				
Surr: o-Terphenyl	14.9		20.00		74.7	50	150				

Sample ID: **LCS-29849** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/30/2020** RunNo: **62245**
Client ID: **LCSS** Batch ID: **29849** Analysis Date: **9/30/2020** SeqNo: **1248687**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	495	20.0	500.0	0	98.9	65	135				
Surr: 2-Fluorobiphenyl	17.2		20.00		85.8	50	150				
Surr: o-Terphenyl	18.6		20.00		92.9	50	150				

Sample ID: **2009500-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/30/2020** RunNo: **62245**
Client ID: **BATCH** Batch ID: **29849** Analysis Date: **9/30/2020** SeqNo: **1248690**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	437	19.1	477.5	0	91.5	65	135				

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2009500-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/30/2020** RunNo: **62245**
Client ID: **BATCH** Batch ID: **29849** Analysis Date: **9/30/2020** SeqNo: **1248690**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	15.1		19.10		79.3	50	150				
Surr: o-Terphenyl	16.6		19.10		87.1	50	150				

Sample ID: **2009500-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/30/2020** RunNo: **62245**
Client ID: **BATCH** Batch ID: **29849** Analysis Date: **9/30/2020** SeqNo: **1248691**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	494	20.8	520.6	0	94.9	65	135	437.0	12.3	30	
Surr: 2-Fluorobiphenyl	17.2		20.82		82.6	50	150		0		
Surr: o-Terphenyl	18.8		20.82		90.5	50	150		0		

Sample ID: **2009516-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/30/2020** RunNo: **62245**
Client ID: **BATCH** Batch ID: **29849** Analysis Date: **10/1/2020** SeqNo: **1248710**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.3						0		30	
Heavy Oil	55.6	50.7						42.22	27.4	30	
Surr: 2-Fluorobiphenyl	17.3		20.30		85.4	50	150		0		
Surr: o-Terphenyl	16.2		20.30		79.6	50	150		0		

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-29811** SampType: **MBLK** Units: **µg/L** Prep Date: **9/25/2020** RunNo: **62148**
Client ID: **MBLKW** Batch ID: **29811** Analysis Date: **9/28/2020** SeqNo: **1246812**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	49.8									
Heavy Oil	ND	99.6									
Surr: 2-Fluorobiphenyl	69.5		79.69		87.2	50	150				
Surr: o-Terphenyl	70.0		79.69		87.8	50	150				

Sample ID: **LCS-29811** SampType: **LCS** Units: **µg/L** Prep Date: **9/25/2020** RunNo: **62148**
Client ID: **LCSW** Batch ID: **29811** Analysis Date: **9/28/2020** SeqNo: **1246813**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	667	49.9	998.5	0	66.8	52	107				
Surr: 2-Fluorobiphenyl	62.5		79.88		78.3	50	150				
Surr: o-Terphenyl	64.0		79.88		80.1	50	150				

Sample ID: **2009489-007BDUP** SampType: **DUP** Units: **µg/L** Prep Date: **9/25/2020** RunNo: **62148**
Client ID: **INF-092520-N** Batch ID: **29811** Analysis Date: **9/28/2020** SeqNo: **1247369**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	54.3						140.0	30.7	30	
Diesel Range Organics (C12-C24)	191	54.3						140.0	30.7	30	
Heavy Oil	525	109						451.8	15.0	30	
Surr: 2-Fluorobiphenyl	84.0		86.88		96.7	50	150		0		
Surr: o-Terphenyl	72.5		86.88		83.4	50	150		0		

NOTES:
Diesel Range Organics - Indicates unresolved compounds in the Diesel range inconsistent with a known petroleum standard.

Sample ID: **2009491-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **9/25/2020** RunNo: **62148**
Client ID: **BATCH** Batch ID: **29811** Analysis Date: **9/28/2020** SeqNo: **1247371**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	607	50.0	999.5	0	60.7	23.6	130				

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2009491-001AMS** SampType: **MS** Units: **µg/L** Prep Date: **9/25/2020** RunNo: **62148**
Client ID: **BATCH** Batch ID: **29811** Analysis Date: **9/28/2020** SeqNo: **1247371**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	67.0		79.96		83.8	50	150				
Surr: o-Terphenyl	67.7		79.96		84.7	50	150				

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-29825**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **9/29/2020**	RunNo: **62196**
Client ID: **LCSS**	Batch ID: **29825**		Analysis Date: **9/29/2020**	SeqNo: **1247651**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	30.1	5.00	25.00	0	120	65	135				
Surr: Toluene-d8	1.26		1.250		101	65	135				
Surr: 4-Bromofluorobenzene	1.20		1.250		95.8	65	135				

Sample ID: **LCSD-29825**	SampType: **LCSD**	Units: **mg/Kg**	Prep Date: **9/29/2020**	RunNo: **62196**
Client ID: **LCSS02**	Batch ID: **29825**		Analysis Date: **9/29/2020**	SeqNo: **1247652**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	25.3	5.00	25.00	0	101	65	135	30.09	17.3	20	
Surr: Toluene-d8	1.27		1.250		101	65	135		0		
Surr: 4-Bromofluorobenzene	1.20		1.250		95.7	65	135		0		

Sample ID: **MB-29825**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **9/29/2020**	RunNo: **62196**
Client ID: **MBLKS**	Batch ID: **29825**		Analysis Date: **9/29/2020**	SeqNo: **1247653**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.26		1.250		101	65	135				
Surr: 4-Bromofluorobenzene	1.15		1.250		91.9	65	135				

Sample ID: **2009520-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **9/29/2020**	RunNo: **62196**
Client ID: **BATCH**	Batch ID: **29825**		Analysis Date: **9/29/2020**	SeqNo: **1247647**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.46						0		30	
Surr: Toluene-d8	1.37		1.364		100	65	135		0		
Surr: 4-Bromofluorobenzene	1.27		1.364		93.3	65	135		0		

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-29794**	SampType: **LCS**	Units: **µg/L**	Prep Date: **9/25/2020**	RunNo: **62134**
Client ID: **LCSW**	Batch ID: **29794**		Analysis Date: **9/25/2020**	SeqNo: **1246607**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	523	50.0	500.0	0	105	65	135				
Surr: Toluene-d8	25.5		25.00		102	65	135				
Surr: 4-Bromofluorobenzene	25.6		25.00		102	65	135				

Sample ID: **LCSD-29794**	SampType: **LCSD**	Units: **µg/L**	Prep Date: **9/25/2020**	RunNo: **62134**
Client ID: **LCSW02**	Batch ID: **29794**		Analysis Date: **9/25/2020**	SeqNo: **1246608**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	481	50.0	500.0	0	96.2	65	135	523.1	8.40	20	
Surr: Toluene-d8	25.4		25.00		102	65	135		0		
Surr: 4-Bromofluorobenzene	25.6		25.00		102	65	135		0		

Sample ID: **MB-29794**	SampType: **MBLK**	Units: **µg/L**	Prep Date: **9/25/2020**	RunNo: **62134**
Client ID: **MBLKW**	Batch ID: **29794**		Analysis Date: **9/25/2020**	SeqNo: **1246609**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	50.0									
Surr: Toluene-d8	25.4		25.00		101	65	135				
Surr: 4-Bromofluorobenzene	25.3		25.00		101	65	135				

Sample ID: **2009290-001ADUP**	SampType: **DUP**	Units: **µg/L**	Prep Date: **9/25/2020**	RunNo: **62134**
Client ID: **BATCH**	Batch ID: **29794**		Analysis Date: **9/25/2020**	SeqNo: **1246583**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	50.0						0		30	
Surr: Toluene-d8	25.4		25.00		102	65	135		0		
Surr: 4-Bromofluorobenzene	25.6		25.00		102	65	135		0		

Date: *10/5/2020*

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2009304-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **9/25/2020** RunNo: **62134**
Client ID: **BATCH** Batch ID: **29794** Analysis Date: **9/25/2020** SeqNo: **1246587**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	50.0						0		30	
Surr: Toluene-d8	25.4		25.00		102	65	135		0		
Surr: 4-Bromofluorobenzene	25.7		25.00		103	65	135		0		

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29825** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/29/2020** RunNo: **62195**
Client ID: **LCSS** Batch ID: **29825** Analysis Date: **9/29/2020** SeqNo: **1247636**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.13	0.0200	1.000	0	113	66	131				
1,1-Dichloroethene	1.17	0.0200	1.000	0	117	63.4	139				
trans-1,2-Dichloroethene	1.14	0.0200	1.000	0	114	80.5	116				
cis-1,2-Dichloroethene	1.15	0.0200	1.000	0	115	81.8	114				S
Benzene	1.14	0.0200	1.000	0	114	79.4	116				
Trichloroethene (TCE)	1.14	0.0200	1.000	0	114	80.8	117				
Toluene	1.16	0.0200	1.000	0	116	80.5	115				S
Tetrachloroethene (PCE)	1.19	0.0200	1.000	0	119	81.8	116				S
Ethylbenzene	1.06	0.0250	1.000	0	106	81.6	116				
m,p-Xylene	2.08	0.0500	2.000	0	104	83.2	115				
o-Xylene	1.02	0.0250	1.000	0	102	82.5	114				
Surr: Dibromofluoromethane	1.25		1.250		100	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.5	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.08		1.250		86.2	88.6	109				S

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.
S - Outlying surrogate recovery(ies) observed.

Sample ID: **MB-29825** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/29/2020** RunNo: **62195**
Client ID: **MBLKS** Batch ID: **29825** Analysis Date: **9/29/2020** SeqNo: **1247637**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29825** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/29/2020** RunNo: **62195**
Client ID: **MBLKS** Batch ID: **29825** Analysis Date: **9/29/2020** SeqNo: **1247637**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Surr: Dibromofluoromethane	1.22		1.250		97.5	85.2	113				
Surr: Toluene-d8	1.22		1.250		97.8	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.21		1.250		96.9	88.6	109				

Sample ID: **2009520-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/29/2020** RunNo: **62195**
Client ID: **BATCH** Batch ID: **29825** Analysis Date: **9/29/2020** SeqNo: **1247630**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0218						0		30	
1,1-Dichloroethene	ND	0.0218						0		30	
trans-1,2-Dichloroethene	ND	0.0218						0		30	
cis-1,2-Dichloroethene	ND	0.0218						0		30	
Benzene	ND	0.0218						0		30	
Trichloroethene (TCE)	ND	0.0218						0		30	
Toluene	ND	0.0218						0		30	
Tetrachloroethene (PCE)	ND	0.0218						0		30	
Ethylbenzene	ND	0.0273						0		30	
m,p-Xylene	ND	0.0546						0		30	
o-Xylene	ND	0.0273						0		30	
Surr: Dibromofluoromethane	1.33		1.364		97.8	85.2	113		0		
Surr: Toluene-d8	1.35		1.364		99.1	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.34		1.364		98.5	88.6	109		0		

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009520-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/29/2020** RunNo: **62195**
Client ID: **BATCH** Batch ID: **29825** Analysis Date: **9/29/2020** SeqNo: **1247632**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.881	0.0208	1.039	0	84.7	52.8	150				
1,1-Dichloroethene	0.998	0.0208	1.039	0	96.1	62.9	149				
trans-1,2-Dichloroethene	1.00	0.0208	1.039	0	96.3	73.1	130				
cis-1,2-Dichloroethene	1.02	0.0208	1.039	0	98.4	77.5	125				
Benzene	0.994	0.0208	1.039	0	95.7	74.6	126				
Trichloroethene (TCE)	1.04	0.0208	1.039	0	101	72	133				
Toluene	1.03	0.0208	1.039	0	99.1	72.6	127				
Tetrachloroethene (PCE)	1.07	0.0208	1.039	0	103	72.7	128				
Ethylbenzene	1.08	0.0260	1.039	0	104	77.3	126				
m,p-Xylene	2.15	0.0520	2.078	0	103	78.5	126				
o-Xylene	1.04	0.0260	1.039	0	100	79.4	123				
Surr: Dibromofluoromethane	1.30		1.299		99.8	85.2	113				
Surr: Toluene-d8	1.28		1.299		98.2	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.27		1.299		97.6	88.6	109				

Sample ID: **2009520-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/29/2020** RunNo: **62195**
Client ID: **BATCH** Batch ID: **29825** Analysis Date: **9/29/2020** SeqNo: **1247633**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.847	0.0208	1.039	0	81.5	52.8	150	0.8807	3.93	30	
1,1-Dichloroethene	0.937	0.0208	1.039	0	90.1	62.9	149	0.9983	6.37	30	
trans-1,2-Dichloroethene	0.975	0.0208	1.039	0	93.8	73.1	130	1.001	2.67	30	
cis-1,2-Dichloroethene	0.994	0.0208	1.039	0	95.7	77.5	125	1.022	2.79	30	
Benzene	0.979	0.0208	1.039	0	94.2	74.6	126	0.9944	1.61	30	
Trichloroethene (TCE)	1.01	0.0208	1.039	0	96.9	72	133	1.045	3.72	30	
Toluene	1.00	0.0208	1.039	0	96.6	72.6	127	1.030	2.53	30	
Tetrachloroethene (PCE)	1.04	0.0208	1.039	0	100	72.7	128	1.068	2.67	30	
Ethylbenzene	1.06	0.0260	1.039	0	102	77.3	126	1.080	1.66	30	
m,p-Xylene	2.10	0.0520	2.078	0	101	78.5	126	2.145	2.31	30	
o-Xylene	1.03	0.0260	1.039	0	98.7	79.4	123	1.044	1.74	30	

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009520-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/29/2020** RunNo: **62195**
Client ID: **BATCH** Batch ID: **29825** Analysis Date: **9/29/2020** SeqNo: **1247633**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.29		1.299		99.5	85.2	113		0		
Surr: Toluene-d8	1.28		1.299		98.5	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.28		1.299		98.2	88.6	109		0		

Sample ID: **LCS-29885** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/2/2020** RunNo: **62305**
Client ID: **LCSS** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250088**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.976	0.0200	1.000	0	97.6	66	131				
1,1-Dichloroethene	1.48	0.0200	1.000	0	148	63.4	139				S
trans-1,2-Dichloroethene	1.01	0.0200	1.000	0	101	80.5	116				
cis-1,2-Dichloroethene	1.01	0.0200	1.000	0	101	81.8	114				
Benzene	0.999	0.0200	1.000	0	99.9	79.4	116				
Trichloroethene (TCE)	0.983	0.0200	1.000	0	98.3	80.8	117				
Toluene	0.989	0.0200	1.000	0	98.9	80.5	115				
Tetrachloroethene (PCE)	0.981	0.0200	1.000	0	98.1	81.8	116				
Ethylbenzene	0.990	0.0250	1.000	0	99.0	81.6	116				
m,p-Xylene	1.99	0.0500	2.000	0	99.3	83.2	115				
o-Xylene	0.991	0.0250	1.000	0	99.1	82.5	114				
Surr: Dibromofluoromethane	1.31		1.250		105	85.2	113				
Surr: Toluene-d8	1.27		1.250		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.29		1.250		104	88.6	109				

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.

Sample ID: **MB-29885** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/2/2020** RunNo: **62305**
Client ID: **MBLKS** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250089**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29885** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/2/2020** RunNo: **62305**
Client ID: **MBLKS** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250089**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Surr: Dibromofluoromethane	1.27		1.250		102	85.2	113				
Surr: Toluene-d8	1.25		1.250		100	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.250		99.2	88.6	109				

Sample ID: **2010002-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **10/2/2020** RunNo: **62305**
Client ID: **BATCH** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250077**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0238						0		30	
1,1-Dichloroethene	ND	0.0238						0		30	
trans-1,2-Dichloroethene	ND	0.0238						0		30	
cis-1,2-Dichloroethene	ND	0.0238						0		30	
Benzene	ND	0.0238						0		30	
Trichloroethene (TCE)	ND	0.0238						0		30	
Toluene	ND	0.0238						0		30	
Tetrachloroethene (PCE)	0.0818	0.0238						0.07375	10.4	30	
Ethylbenzene	ND	0.0298						0		30	
m,p-Xylene	ND	0.0596						0		30	
o-Xylene	ND	0.0298						0		30	
Surr: Dibromofluoromethane	1.51		1.489		102	85.2	113		0		

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010002-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **10/2/2020** RunNo: **62305**
Client ID: **BATCH** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250077**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	1.49		1.489		100	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.48		1.489		99.4	88.6	109		0		

Sample ID: **2010002-003BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **10/2/2020** RunNo: **62305**
Client ID: **BATCH** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250080**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.994	0.0208	1.041	0	95.5	52.8	150				
1,1-Dichloroethene	1.57	0.0208	1.041	0	150	62.9	149				S
trans-1,2-Dichloroethene	1.07	0.0208	1.041	0	102	73.1	130				
cis-1,2-Dichloroethene	1.07	0.0208	1.041	0	103	77.5	125				
Benzene	1.10	0.0208	1.041	0	105	74.6	126				
Trichloroethene (TCE)	1.08	0.0208	1.041	0	104	72	133				
Toluene	1.10	0.0208	1.041	0.007151	105	72.6	127				
Tetrachloroethene (PCE)	1.07	0.0208	1.041	0.01105	102	72.7	128				
Ethylbenzene	1.09	0.0260	1.041	0	104	77.3	126				
m,p-Xylene	2.14	0.0521	2.083	0	103	78.5	126				
o-Xylene	1.07	0.0260	1.041	0	102	79.4	123				
Surr: Dibromofluoromethane	1.37		1.302		105	85.2	113				
Surr: Toluene-d8	1.33		1.302		102	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.35		1.302		104	88.6	109				

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.

Sample ID: **2010002-003BMSD** SampType: **MSD** Units: **mg/Kg** Prep Date: **10/2/2020** RunNo: **62305**
Client ID: **BATCH** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250081**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.00	0.0208	1.041	0	96.4	52.8	150	0.9944	0.978	30	
1,1-Dichloroethene	1.59	0.0208	1.041	0	153	62.9	149	1.567	1.42	30	S

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010002-003BMSD** SampType: **MSD** Units: **mg/Kg** Prep Date: **10/2/2020** RunNo: **62305**
Client ID: **BATCH** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250081**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.04	0.0208	1.041	0	100	73.1	130	1.066	2.06	30	
cis-1,2-Dichloroethene	1.05	0.0208	1.041	0	101	77.5	125	1.070	1.68	30	
Benzene	1.08	0.0208	1.041	0	103	74.6	126	1.097	1.86	30	
Trichloroethene (TCE)	1.08	0.0208	1.041	0	103	72	133	1.081	0.421	30	
Toluene	1.08	0.0208	1.041	0.007151	103	72.6	127	1.096	1.65	30	
Tetrachloroethene (PCE)	1.05	0.0208	1.041	0.01105	99.9	72.7	128	1.069	1.68	30	
Ethylbenzene	1.07	0.0260	1.041	0	103	77.3	126	1.086	1.24	30	
m,p-Xylene	2.13	0.0521	2.083	0	102	78.5	126	2.145	0.558	30	
o-Xylene	1.05	0.0260	1.041	0	101	79.4	123	1.066	1.17	30	
Surr: Dibromofluoromethane	1.38		1.302		106	85.2	113		0		
Surr: Toluene-d8	1.32		1.302		101	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.36		1.302		104	88.6	109		0		

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29794** SampType: **LCS** Units: **µg/L** Prep Date: **9/25/2020** RunNo: **62133**
Client ID: **LCSW** Batch ID: **29794** Analysis Date: **9/25/2020** SeqNo: **1246546**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	19.7	0.200	20.00	0	98.6	62.3	148				
1,1-Dichloroethene	20.3	1.00	20.00	0	102	77	134				
cis-1,2-Dichloroethene	20.3	1.00	20.00	0	102	83.7	122				
Benzene	20.8	1.00	20.00	0	104	80.5	126				
Trichloroethene (TCE)	20.5	0.500	20.00	0	102	75.5	132				
Toluene	20.9	1.00	20.00	0	105	82.9	124				
Tetrachloroethene (PCE)	20.6	1.00	20.00	0	103	90.5	121				
Ethylbenzene	21.2	1.00	20.00	0	106	85.3	123				
m,p-Xylene	42.0	1.00	40.00	0	105	85.8	122				
o-Xylene	20.9	1.00	20.00	0	104	85.4	121				
Isopropylbenzene	21.4	1.00	20.00	0	107	87.7	123				
n-Propylbenzene	21.8	1.00	20.00	0	109	83.9	126				
1,3,5-Trimethylbenzene	21.0	1.00	20.00	0	105	83.6	123				
sec-Butylbenzene	21.7	1.00	20.00	0	109	83.9	126				
n-Butylbenzene	23.8	1.00	20.00	0	119	82.8	124				
1,2,4-Trimethylbenzene	21.5	1.00	20.00	0	108	82.1	124				
Surr: Dibromofluoromethane	26.0		25.00		104	84.8	113				
Surr: Toluene-d8	25.6		25.00		103	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	26.1		25.00		105	89.9	108				

Sample ID: **LCSD-29794** SampType: **LCSD** Units: **µg/L** Prep Date: **9/25/2020** RunNo: **62133**
Client ID: **LCSW02** Batch ID: **29794** Analysis Date: **9/25/2020** SeqNo: **1246547**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	18.7	0.200	20.00	0	93.3	62.3	148	19.72	5.58	20	
1,1-Dichloroethene	19.4	1.00	20.00	0	96.9	77	134	20.33	4.81	20	
cis-1,2-Dichloroethene	19.6	1.00	20.00	0	97.9	83.7	122	20.32	3.71	20	
Benzene	20.1	1.00	20.00	0	101	80.5	126	20.82	3.36	20	
Trichloroethene (TCE)	19.9	0.500	20.00	0	99.3	75.5	132	20.50	3.18	20	
Toluene	20.2	1.00	20.00	0	101	82.9	124	20.94	3.51	20	

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCSD-29794** SampType: **LCSD** Units: **µg/L** Prep Date: **9/25/2020** RunNo: **62133**
Client ID: **LCSW02** Batch ID: **29794** Analysis Date: **9/25/2020** SeqNo: **1246547**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	19.9	1.00	20.00	0	99.3	90.5	121	20.60	3.63	20	
Ethylbenzene	20.4	1.00	20.00	0	102	85.3	123	21.22	4.16	20	
m,p-Xylene	39.8	1.00	40.00	0	99.4	85.8	122	41.98	5.45	20	
o-Xylene	20.1	1.00	20.00	0	100	85.4	121	20.89	4.08	20	
Isopropylbenzene	20.4	1.00	20.00	0	102	87.7	123	21.38	4.70	20	
n-Propylbenzene	20.5	1.00	20.00	0	102	83.9	126	21.76	6.11	20	
1,3,5-Trimethylbenzene	20.1	1.00	20.00	0	100	83.6	123	21.02	4.51	20	
sec-Butylbenzene	20.7	1.00	20.00	0	104	83.9	126	21.73	4.76	20	
n-Butylbenzene	22.9	1.00	20.00	0	114	82.8	124	23.76	3.73	20	
1,2,4-Trimethylbenzene	20.7	1.00	20.00	0	104	82.1	124	21.51	3.72	20	
Surr: Dibromofluoromethane	25.9		25.00		104	84.8	113		0		
Surr: Toluene-d8	25.6		25.00		103	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	26.0		25.00		104	89.9	108		0		

Sample ID: **MB-29794** SampType: **MBLK** Units: **µg/L** Prep Date: **9/25/2020** RunNo: **62133**
Client ID: **MBLKW** Batch ID: **29794** Analysis Date: **9/25/2020** SeqNo: **1246548**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.200									
1,1-Dichloroethene	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Benzene	ND	1.00									
Trichloroethene (TCE)	ND	0.500									
Toluene	ND	1.00									
Tetrachloroethene (PCE)	ND	1.00									
Ethylbenzene	ND	1.00									
m,p-Xylene	ND	1.00									
o-Xylene	ND	1.00									
Isopropylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29794** SampType: **MBLK** Units: **µg/L** Prep Date: **9/25/2020** RunNo: **62133**
Client ID: **MBLKW** Batch ID: **29794** Analysis Date: **9/25/2020** SeqNo: **1246548**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	ND	1.00									
sec-Butylbenzene	ND	1.00									
n-Butylbenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
Surr: Dibromofluoromethane	25.4		25.00		101	84.8	113				
Surr: Toluene-d8	25.4		25.00		102	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	25.5		25.00		102	89.9	108				

Sample ID: **2009290-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **9/25/2020** RunNo: **62133**
Client ID: **BATCH** Batch ID: **29794** Analysis Date: **9/25/2020** SeqNo: **1246522**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.200						0		30	
1,1-Dichloroethene	ND	1.00						0		30	
cis-1,2-Dichloroethene	ND	1.00						0		30	
Benzene	ND	1.00						0		30	
Trichloroethene (TCE)	ND	0.500						0		30	
Toluene	ND	1.00						0		30	
Tetrachloroethene (PCE)	ND	1.00						0		30	
Ethylbenzene	ND	1.00						0		30	
m,p-Xylene	ND	1.00						0		30	
o-Xylene	ND	1.00						0		30	
Isopropylbenzene	ND	1.00						0		30	
n-Propylbenzene	ND	1.00						0		30	
1,3,5-Trimethylbenzene	ND	1.00						0		30	
sec-Butylbenzene	ND	1.00						0		30	
n-Butylbenzene	ND	1.00						0		30	
1,2,4-Trimethylbenzene	ND	1.00						0		30	
Surr: Dibromofluoromethane	25.6		25.00		103	84.8	113		0		
Surr: Toluene-d8	25.5		25.00		102	88.5	110		0		

Work Order: 2009489
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009290-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **9/25/2020** RunNo: **62133**
Client ID: **BATCH** Batch ID: **29794** Analysis Date: **9/25/2020** SeqNo: **1246522**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	25.7		25.00		103	89.9	108		0		

Sample ID: **2009304-001ADUP** SampType: **DUP** Units: **µg/L** Prep Date: **9/25/2020** RunNo: **62133**
Client ID: **BATCH** Batch ID: **29794** Analysis Date: **9/25/2020** SeqNo: **1246526**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.200						0		30	
1,1-Dichloroethene	ND	1.00						0		30	
cis-1,2-Dichloroethene	ND	1.00						0		30	
Benzene	ND	1.00						0		30	
Trichloroethene (TCE)	ND	0.500						0		30	
Toluene	ND	1.00						0		30	
Tetrachloroethene (PCE)	ND	1.00						0		30	
Ethylbenzene	ND	1.00						0		30	
m,p-Xylene	ND	1.00						0		30	
o-Xylene	ND	1.00						0		30	
Isopropylbenzene	ND	1.00						0		30	
n-Propylbenzene	ND	1.00						0		30	
1,3,5-Trimethylbenzene	ND	1.00						0		30	
sec-Butylbenzene	ND	1.00						0		30	
n-Butylbenzene	ND	1.00						0		30	
1,2,4-Trimethylbenzene	ND	1.00						0		30	
Surr: Dibromofluoromethane	25.7		25.00		103	84.8	113		0		
Surr: Toluene-d8	25.6		25.00		102	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	25.9		25.00		104	89.9	108		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2009489**
Logged by:	**Clare Griggs**	Date Received:	**9/25/2020 2:26:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☑	NA ☐
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample	2.4

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 9/25/2020 | Page: 1 of: 1 | Laboratory Project No (Internal): 2009489

Project Name: Maddux North

Special Remarks: INF-092520-N + EFF-092520-N on 24 hr TAT, all else STD.

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste 550

Collected by: DWU

City, State, Zip: Seattle, WA, 98104

Location: Maddux North

Telephone: (206) 413-5411

Report To (PM): A. Yonkofski / S. Ambawen

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspectconsulting.com / sambawen@aspectconsulting.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Lipids, X260				Comments
1 SW-P24-57-S	9/25/20	0825	S		X			X								X					
2 SW-P24-60-S		0855																			
3 SW-P28-60-S		0920																			
4 SW-P28-57-S		0945																			
5 SW-P30-60-S		1005																			
6 SW-P30-55-S		1010																			
7 INF-092520-N		1320	W		X			X	X			X	T								24 hr TAT
8 EFF-092520-N		1330			X			X	X			X	T								24 hr TAT
9 Trip Blank	—	—	W		X											X					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al (As) B (Ba) Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard
☐ 3 Day
☐ 2 Day
☐ Next Day
Same Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	9/25/20 1418	x Lauren Balken	9/25/20 1426
Relinquished	Date/Time	Received	Date/Time
x		x	

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 9/25/2020 | Page: 1 of: 1 | Laboratory Project No (Internal): 2009489

Project Name: Maddux North

Special Remarks: INF-092520-N + EFF-092520-N on 24 hr TAT, all else STD.

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste 550

Collected by: DWU

City, State, Zip: Seattle, WA, 98104

Location: Maddux North

Telephone: (206) 413-5411

Report To (PM): A. Yonkofski / S. Ambawen

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspectconsulting.com / sambawen@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Lipids, KPHD				Comments
1	SW-P24-57-S	9/25/20	0825	S		X				X								X					
2	SW-P24-60-S		0855																				
3	SW-P28-60-S		0920																				
4	SW-P28-57-S		0945																				
5	SW-P30-60-S		1005																				
6	SW-P30-55-S		1010																				
7	INF-092520-N		1320	W		X	X			X	X			X	T								24 hr TAT
8	EFF-092520-N		1330			X				X	X			X	T								24 hr TAT
9	Trip Blank	—	—	W		X												X					
10																							

Add VOC select list for waters & cancel SVOCs per AY 9/30/20 - CG

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time: ☐ Standard ☐ 3 Day ☐ 2 Day ☐ Next Day Same Day (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	9/25/20 1418	x Lauren Balken	9/25/20 1426
Relinquished	Date/Time	Received	Date/Time
x		x	

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010060

October 13, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 12 sample(s) on 10/5/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/13/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010060

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010060-001	SW-P16-67-N	10/05/2020 7:35 AM	10/05/2020 2:27 PM
2010060-002	SW-P18-62-N	10/05/2020 8:00 AM	10/05/2020 2:27 PM
2010060-003	SW-P20-62-N	10/05/2020 8:30 AM	10/05/2020 2:27 PM
2010060-004	SW-P22-62-N	10/05/2020 8:45 AM	10/05/2020 2:27 PM
2010060-005	SW-P24-62-N	10/05/2020 9:15 AM	10/05/2020 2:27 PM
2010060-006	SW-P26-62-N	10/05/2020 9:25 AM	10/05/2020 2:27 PM
2010060-007	SW-P28-57-N	10/05/2020 10:10 AM	10/05/2020 2:27 PM
2010060-008	B-P23-P18-60-N	10/05/2020 10:30 AM	10/05/2020 2:27 PM
2010060-009	B-P23-P20-59-N	10/05/2020 10:40 AM	10/05/2020 2:27 PM
2010060-010	B-P23-P22-60-N	10/05/2020 11:15 AM	10/05/2020 2:27 PM
2010060-011	B-P27-P22-60-N	10/05/2020 11:05 AM	10/05/2020 2:27 PM
2010060-012	Trip Blank	09/29/2020 3:18 PM	10/05/2020 2:27 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2010060**
Date: **10/13/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010060-001 **Collection Date:** 10/5/2020 7:35:00 AM
Client Sample ID: **SW-P16-67-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29969		Analyst: KT
Vinyl chloride	0.179	0.0198		mg/Kg-dry	1	10/12/2020 2:32:15 PM
1,1-Dichloroethene	ND	0.0198		mg/Kg-dry	1	10/12/2020 2:32:15 PM
trans-1,2-Dichloroethene	ND	0.0198		mg/Kg-dry	1	10/12/2020 2:32:15 PM
cis-1,2-Dichloroethene	1.82	0.0198		mg/Kg-dry	1	10/12/2020 2:32:15 PM
Trichloroethene (TCE)	1.72	0.0198		mg/Kg-dry	1	10/12/2020 2:32:15 PM
Tetrachloroethene (PCE)	17.2	0.198	D	mg/Kg-dry	10	10/13/2020 8:39:24 AM
Surr: Dibromofluoromethane	91.2	85.2 - 113		%Rec	1	10/12/2020 2:32:15 PM
Surr: Toluene-d8	99.4	88.5 - 110		%Rec	1	10/12/2020 2:32:15 PM
Surr: 1-Bromo-4-fluorobenzene	94.6	88.6 - 109		%Rec	1	10/12/2020 2:32:15 PM
Sample Moisture (Percent Moisture)				Batch ID: R62447		Analyst: LB
Percent Moisture	17.6	0.500		wt%	1	10/9/2020 10:09:41 AM

Lab ID: 2010060-002 **Collection Date:** 10/5/2020 8:00:00 AM
Client Sample ID: **SW-P18-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29969		Analyst: KT
Vinyl chloride	ND	0.0213		mg/Kg-dry	1	10/13/2020 7:07:50 AM
1,1-Dichloroethene	ND	0.0213		mg/Kg-dry	1	10/13/2020 7:07:50 AM
trans-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	10/13/2020 7:07:50 AM
cis-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	10/13/2020 7:07:50 AM
Trichloroethene (TCE)	ND	0.0213		mg/Kg-dry	1	10/13/2020 7:07:50 AM
Tetrachloroethene (PCE)	ND	0.0213		mg/Kg-dry	1	10/13/2020 7:07:50 AM
Surr: Dibromofluoromethane	92.9	85.2 - 113		%Rec	1	10/13/2020 7:07:50 AM
Surr: Toluene-d8	96.4	88.5 - 110		%Rec	1	10/13/2020 7:07:50 AM
Surr: 1-Bromo-4-fluorobenzene	94.4	88.6 - 109		%Rec	1	10/13/2020 7:07:50 AM
Sample Moisture (Percent Moisture)				Batch ID: R62447		Analyst: LB
Percent Moisture	19.0	0.500		wt%	1	10/9/2020 10:09:41 AM

Analytical Report

Work Order: **2010060**
Date Reported: **10/13/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010060-003 **Collection Date:** 10/5/2020 8:30:00 AM
Client Sample ID: **SW-P20-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29969		Analyst: KT
Vinyl chloride	ND	0.0247		mg/Kg-dry	1	10/12/2020 3:33:07 PM
1,1-Dichloroethene	ND	0.0247		mg/Kg-dry	1	10/12/2020 3:33:07 PM
trans-1,2-Dichloroethene	ND	0.0247		mg/Kg-dry	1	10/12/2020 3:33:07 PM
cis-1,2-Dichloroethene	ND	0.0247		mg/Kg-dry	1	10/12/2020 3:33:07 PM
Trichloroethene (TCE)	ND	0.0247		mg/Kg-dry	1	10/12/2020 3:33:07 PM
Tetrachloroethene (PCE)	ND	0.0247		mg/Kg-dry	1	10/12/2020 3:33:07 PM
Surr: Dibromofluoromethane	89.9	85.2 - 113		%Rec	1	10/12/2020 3:33:07 PM
Surr: Toluene-d8	91.8	88.5 - 110		%Rec	1	10/12/2020 3:33:07 PM
Surr: 1-Bromo-4-fluorobenzene	93.7	88.6 - 109		%Rec	1	10/12/2020 3:33:07 PM
Sample Moisture (Percent Moisture)				Batch ID: R62447		Analyst: LB
Percent Moisture	17.8	0.500		wt%	1	10/9/2020 10:09:41 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010060-004 **Collection Date:** 10/5/2020 8:45:00 AM
Client Sample ID: **SW-P22-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29969		Analyst: KT
Vinyl chloride	ND	0.0242		mg/Kg-dry	1	10/12/2020 4:03:34 PM
1,1-Dichloroethene	ND	0.0242		mg/Kg-dry	1	10/12/2020 4:03:34 PM
trans-1,2-Dichloroethene	ND	0.0242		mg/Kg-dry	1	10/12/2020 4:03:34 PM
cis-1,2-Dichloroethene	ND	0.0242		mg/Kg-dry	1	10/12/2020 4:03:34 PM
Trichloroethene (TCE)	ND	0.0242		mg/Kg-dry	1	10/12/2020 4:03:34 PM
Tetrachloroethene (PCE)	ND	0.0242		mg/Kg-dry	1	10/12/2020 4:03:34 PM
Surr: Dibromofluoromethane	90.9	85.2 - 113		%Rec	1	10/12/2020 4:03:34 PM
Surr: Toluene-d8	99.9	88.5 - 110		%Rec	1	10/12/2020 4:03:34 PM
Surr: 1-Bromo-4-fluorobenzene	92.8	88.6 - 109		%Rec	1	10/12/2020 4:03:34 PM
Sample Moisture (Percent Moisture)				Batch ID: R62447		Analyst: LB
Percent Moisture	17.1	0.500		wt%	1	10/9/2020 10:09:41 AM

Lab ID: 2010060-005 **Collection Date:** 10/5/2020 9:15:00 AM
Client Sample ID: **SW-P24-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29969		Analyst: KT
Vinyl chloride	ND	0.0231		mg/Kg-dry	1	10/12/2020 4:34:06 PM
1,1-Dichloroethene	ND	0.0231		mg/Kg-dry	1	10/12/2020 4:34:06 PM
trans-1,2-Dichloroethene	ND	0.0231		mg/Kg-dry	1	10/12/2020 4:34:06 PM
cis-1,2-Dichloroethene	ND	0.0231		mg/Kg-dry	1	10/12/2020 4:34:06 PM
Trichloroethene (TCE)	ND	0.0231		mg/Kg-dry	1	10/12/2020 4:34:06 PM
Tetrachloroethene (PCE)	ND	0.0231		mg/Kg-dry	1	10/12/2020 4:34:06 PM
Surr: Dibromofluoromethane	90.2	85.2 - 113		%Rec	1	10/12/2020 4:34:06 PM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	10/12/2020 4:34:06 PM
Surr: 1-Bromo-4-fluorobenzene	93.1	88.6 - 109		%Rec	1	10/12/2020 4:34:06 PM
Sample Moisture (Percent Moisture)				Batch ID: R62447		Analyst: LB
Percent Moisture	18.3	0.500		wt%	1	10/9/2020 10:09:41 AM

Analytical Report

Work Order: **2010060**
Date Reported: **10/13/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010060-006 **Collection Date:** 10/5/2020 9:25:00 AM
Client Sample ID: **SW-P26-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29969		Analyst: KT
Vinyl chloride	ND	0.0245		mg/Kg-dry	1	10/12/2020 5:35:08 PM
1,1-Dichloroethene	ND	0.0245		mg/Kg-dry	1	10/12/2020 5:35:08 PM
trans-1,2-Dichloroethene	ND	0.0245		mg/Kg-dry	1	10/12/2020 5:35:08 PM
cis-1,2-Dichloroethene	ND	0.0245		mg/Kg-dry	1	10/12/2020 5:35:08 PM
Trichloroethene (TCE)	ND	0.0245		mg/Kg-dry	1	10/12/2020 5:35:08 PM
Tetrachloroethene (PCE)	ND	0.0245		mg/Kg-dry	1	10/12/2020 5:35:08 PM
Surr: Dibromofluoromethane	89.7	85.2 - 113		%Rec	1	10/12/2020 5:35:08 PM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/12/2020 5:35:08 PM
Surr: 1-Bromo-4-fluorobenzene	97.9	88.6 - 109		%Rec	1	10/12/2020 5:35:08 PM
Sample Moisture (Percent Moisture)				Batch ID: R62447		Analyst: LB
Percent Moisture	16.2	0.500		wt%	1	10/9/2020 10:09:41 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010060-007 **Collection Date:** 10/5/2020 10:10:00 AM
Client Sample ID: **SW-P28-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29969		Analyst: KT
Vinyl chloride	ND	0.0195		mg/Kg-dry	1	10/12/2020 6:05:31 PM
1,1-Dichloroethene	ND	0.0195		mg/Kg-dry	1	10/12/2020 6:05:31 PM
trans-1,2-Dichloroethene	ND	0.0195		mg/Kg-dry	1	10/12/2020 6:05:31 PM
cis-1,2-Dichloroethene	ND	0.0195		mg/Kg-dry	1	10/12/2020 6:05:31 PM
Trichloroethene (TCE)	ND	0.0195		mg/Kg-dry	1	10/12/2020 6:05:31 PM
Tetrachloroethene (PCE)	ND	0.0195		mg/Kg-dry	1	10/12/2020 6:05:31 PM
Surr: Dibromofluoromethane	89.1	85.2 - 113		%Rec	1	10/12/2020 6:05:31 PM
Surr: Toluene-d8	98.3	88.5 - 110		%Rec	1	10/12/2020 6:05:31 PM
Surr: 1-Bromo-4-fluorobenzene	94.1	88.6 - 109		%Rec	1	10/12/2020 6:05:31 PM
Sample Moisture (Percent Moisture)				Batch ID: R62447		Analyst: LB
Percent Moisture	14.3	0.500		wt%	1	10/9/2020 10:09:41 AM

Lab ID: 2010060-008 **Collection Date:** 10/5/2020 10:30:00 AM
Client Sample ID: **B-P23-P18-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29908		Analyst: KT
Vinyl chloride	ND	0.0258		mg/Kg-dry	1	10/6/2020 10:05:32 AM
1,1-Dichloroethene	ND	0.0258		mg/Kg-dry	1	10/6/2020 10:05:32 AM
trans-1,2-Dichloroethene	ND	0.0258		mg/Kg-dry	1	10/6/2020 10:05:32 AM
cis-1,2-Dichloroethene	ND	0.0258		mg/Kg-dry	1	10/6/2020 10:05:32 AM
Trichloroethene (TCE)	ND	0.0258		mg/Kg-dry	1	10/6/2020 10:05:32 AM
Tetrachloroethene (PCE)	ND	0.0258		mg/Kg-dry	1	10/6/2020 10:05:32 AM
Surr: Dibromofluoromethane	97.3	85.2 - 113		%Rec	1	10/6/2020 10:05:32 AM
Surr: Toluene-d8	98.6	88.5 - 110		%Rec	1	10/6/2020 10:05:32 AM
Surr: 1-Bromo-4-fluorobenzene	94.1	88.6 - 109		%Rec	1	10/6/2020 10:05:32 AM
Sample Moisture (Percent Moisture)				Batch ID: R62350		Analyst: RL
Percent Moisture	19.5	0.500		wt%	1	10/6/2020 10:12:38 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010060-009 **Collection Date:** 10/5/2020 10:40:00 AM
Client Sample ID: **B-P23-P20-59-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29908		Analyst: KT
Vinyl chloride	ND	0.0203		mg/Kg-dry	1	10/6/2020 11:05:48 AM
1,1-Dichloroethene	ND	0.0203		mg/Kg-dry	1	10/6/2020 11:05:48 AM
trans-1,2-Dichloroethene	ND	0.0203		mg/Kg-dry	1	10/6/2020 11:05:48 AM
cis-1,2-Dichloroethene	ND	0.0203		mg/Kg-dry	1	10/6/2020 11:05:48 AM
Trichloroethene (TCE)	ND	0.0203		mg/Kg-dry	1	10/6/2020 11:05:48 AM
Tetrachloroethene (PCE)	ND	0.0203		mg/Kg-dry	1	10/6/2020 11:05:48 AM
Surr: Dibromofluoromethane	98.3	85.2 - 113		%Rec	1	10/6/2020 11:05:48 AM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	10/6/2020 11:05:48 AM
Surr: 1-Bromo-4-fluorobenzene	95.0	88.6 - 109		%Rec	1	10/6/2020 11:05:48 AM
Sample Moisture (Percent Moisture)				Batch ID: R62350		Analyst: RL
Percent Moisture	16.9	0.500		wt%	1	10/6/2020 10:12:38 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010060-010 **Collection Date:** 10/5/2020 11:15:00 AM
Client Sample ID: **B-P23-P22-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29908		Analyst: KT
Vinyl chloride	ND	0.0235		mg/Kg-dry	1	10/6/2020 11:35:58 AM
1,1-Dichloroethene	ND	0.0235		mg/Kg-dry	1	10/6/2020 11:35:58 AM
trans-1,2-Dichloroethene	ND	0.0235		mg/Kg-dry	1	10/6/2020 11:35:58 AM
cis-1,2-Dichloroethene	ND	0.0235		mg/Kg-dry	1	10/6/2020 11:35:58 AM
Trichloroethene (TCE)	ND	0.0235		mg/Kg-dry	1	10/6/2020 11:35:58 AM
Tetrachloroethene (PCE)	ND	0.0235		mg/Kg-dry	1	10/6/2020 11:35:58 AM
Surr: Dibromofluoromethane	96.5	85.2 - 113		%Rec	1	10/6/2020 11:35:58 AM
Surr: Toluene-d8	98.4	88.5 - 110		%Rec	1	10/6/2020 11:35:58 AM
Surr: 1-Bromo-4-fluorobenzene	93.8	88.6 - 109		%Rec	1	10/6/2020 11:35:58 AM
Sample Moisture (Percent Moisture)				Batch ID: R62350		Analyst: RL
Percent Moisture	15.8	0.500		wt%	1	10/6/2020 10:12:38 AM

Lab ID: 2010060-011 **Collection Date:** 10/5/2020 11:05:00 AM
Client Sample ID: **B-P27-P22-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29908		Analyst: KT
Vinyl chloride	ND	0.0217		mg/Kg-dry	1	10/6/2020 12:06:09 PM
1,1-Dichloroethene	ND	0.0217		mg/Kg-dry	1	10/6/2020 12:06:09 PM
trans-1,2-Dichloroethene	ND	0.0217		mg/Kg-dry	1	10/6/2020 12:06:09 PM
cis-1,2-Dichloroethene	ND	0.0217		mg/Kg-dry	1	10/6/2020 12:06:09 PM
Trichloroethene (TCE)	ND	0.0217		mg/Kg-dry	1	10/6/2020 12:06:09 PM
Tetrachloroethene (PCE)	ND	0.0217		mg/Kg-dry	1	10/6/2020 12:06:09 PM
Surr: Dibromofluoromethane	96.9	85.2 - 113		%Rec	1	10/6/2020 12:06:09 PM
Surr: Toluene-d8	98.6	88.5 - 110		%Rec	1	10/6/2020 12:06:09 PM
Surr: 1-Bromo-4-fluorobenzene	94.9	88.6 - 109		%Rec	1	10/6/2020 12:06:09 PM
Sample Moisture (Percent Moisture)				Batch ID: R62350		Analyst: RL
Percent Moisture	17.7	0.500		wt%	1	10/6/2020 10:12:38 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010060-012 **Collection Date:** 9/29/2020 3:18:00 PM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29969		Analyst: KT
Vinyl chloride	ND	0.0200		mg/Kg	1	10/12/2020 1:31:31 PM
1,1-Dichloroethene	ND	0.0200		mg/Kg	1	10/12/2020 1:31:31 PM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/12/2020 1:31:31 PM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/12/2020 1:31:31 PM
Trichloroethene (TCE)	ND	0.0200		mg/Kg	1	10/12/2020 1:31:31 PM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg	1	10/12/2020 1:31:31 PM
Surr: Dibromofluoromethane	91.3	85.2 - 113		%Rec	1	10/12/2020 1:31:31 PM
Surr: Toluene-d8	101	88.5 - 110		%Rec	1	10/12/2020 1:31:31 PM
Surr: 1-Bromo-4-fluorobenzene	96.6	88.6 - 109		%Rec	1	10/12/2020 1:31:31 PM

Work Order: 2010060
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29908**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/6/2020**	RunNo: **62360**
Client ID: **LCSS**	Batch ID: **29908**		Analysis Date: **10/6/2020**	SeqNo: **1251205**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.823	0.0200	1.000	0	82.3	66	131				
1,1-Dichloroethene	0.902	0.0200	1.000	0	90.2	63.4	139				
trans-1,2-Dichloroethene	0.907	0.0200	1.000	0	90.7	80.5	116				
cis-1,2-Dichloroethene	0.919	0.0200	1.000	0	91.9	81.8	114				
Trichloroethene (TCE)	0.920	0.0200	1.000	0	92.0	80.8	117				
Tetrachloroethene (PCE)	0.961	0.0200	1.000	0	96.1	81.8	116				
Surr: Dibromofluoromethane	1.24		1.250		99.3	85.2	113				
Surr: Toluene-d8	1.25		1.250		99.7	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.22		1.250		97.4	88.6	109				

Sample ID: **LCSD-29908**	SampType: **LCSD**	Units: **mg/Kg**	Prep Date: **10/6/2020**	RunNo: **62360**
Client ID: **LCSS02**	Batch ID: **29908**		Analysis Date: **10/6/2020**	SeqNo: **1251206**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.842	0.0200	1.000	0	84.2	66	131	0.8231	2.27	20	
1,1-Dichloroethene	0.949	0.0200	1.000	0	94.9	63.4	139	0.9019	5.10	20	
trans-1,2-Dichloroethene	0.953	0.0200	1.000	0	95.3	80.5	116	0.9072	4.95	20	
cis-1,2-Dichloroethene	0.969	0.0200	1.000	0	96.9	81.8	114	0.9195	5.25	20	
Trichloroethene (TCE)	0.966	0.0200	1.000	0	96.6	80.8	117	0.9202	4.82	20	
Tetrachloroethene (PCE)	1.00	0.0200	1.000	0	100	81.8	116	0.9611	4.31	20	
Surr: Dibromofluoromethane	1.26		1.250		101	85.2	113		0		
Surr: Toluene-d8	1.25		1.250		100	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.21		1.250		96.6	88.6	109		0		

Sample ID: **MB-29908**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/6/2020**	RunNo: **62360**
Client ID: **MBLKS**	Batch ID: **29908**		Analysis Date: **10/6/2020**	SeqNo: **1251207**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									

Work Order: 2010060
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29908** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/6/2020** RunNo: **62360**
Client ID: **MBLKS** Batch ID: **29908** Analysis Date: **10/6/2020** SeqNo: **1251207**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.21		1.250		96.5	85.2	113				
Surr: Toluene-d8	1.22		1.250		97.7	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.18		1.250		94.0	88.6	109				

Sample ID: **2010060-008BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/6/2020** RunNo: **62360**
Client ID: **B-P23-P18-60-N** Batch ID: **29908** Analysis Date: **10/6/2020** SeqNo: **1251199**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0258						0		30	
1,1-Dichloroethene	ND	0.0258						0		30	
trans-1,2-Dichloroethene	ND	0.0258						0		30	
cis-1,2-Dichloroethene	ND	0.0258						0		30	
Trichloroethene (TCE)	ND	0.0258						0		30	
Tetrachloroethene (PCE)	ND	0.0258						0		30	
Surr: Dibromofluoromethane	1.57		1.616		97.1	85.2	113		0		
Surr: Toluene-d8	1.61		1.616		99.5	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.52		1.616		93.9	88.6	109		0		

Sample ID: **LCS-29969** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/9/2020** RunNo: **62518**
Client ID: **LCSS** Batch ID: **29969** Analysis Date: **10/12/2020** SeqNo: **1254491**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.07	0.0200	1.000	0	107	66	131				
1,1-Dichloroethene	1.08	0.0200	1.000	0	108	63.4	139				

Work Order: 2010060
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29969** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/9/2020** RunNo: **62518**
Client ID: **LCSS** Batch ID: **29969** Analysis Date: **10/12/2020** SeqNo: **1254491**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.07	0.0200	1.000	0	107	80.5	116				
cis-1,2-Dichloroethene	1.05	0.0200	1.000	0	105	81.8	114				
Trichloroethene (TCE)	1.03	0.0200	1.000	0	103	80.8	117				
Tetrachloroethene (PCE)	1.07	0.0200	1.000	0	107	81.8	116				
Surr: Dibromofluoromethane	1.23		1.250		98.3	85.2	113				
Surr: Toluene-d8	1.31		1.250		105	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.26		1.250		101	88.6	109				

Sample ID: **MB-29969** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/9/2020** RunNo: **62518**
Client ID: **MBLKS** Batch ID: **29969** Analysis Date: **10/12/2020** SeqNo: **1254492**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.17		1.250		93.4	85.2	113				
Surr: Toluene-d8	1.20		1.250		95.7	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		96.0	88.6	109				

Sample ID: **2010060-005BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/12/2020** RunNo: **62518**
Client ID: **SW-P24-62-N** Batch ID: **29969** Analysis Date: **10/12/2020** SeqNo: **1254475**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0231						0		30	
1,1-Dichloroethene	ND	0.0231						0		30	
trans-1,2-Dichloroethene	ND	0.0231						0		30	

Work Order: 2010060
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010060-005BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/12/2020** RunNo: **62518**
Client ID: **SW-P24-62-N** Batch ID: **29969** Analysis Date: **10/12/2020** SeqNo: **1254475**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	ND	0.0231						0		30	
Trichloroethene (TCE)	ND	0.0231						0		30	
Tetrachloroethene (PCE)	ND	0.0231						0		30	
Surr: Dibromofluoromethane	1.29		1.442		89.6	85.2	113		0		
Surr: Toluene-d8	1.51		1.442		105	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.35		1.442		93.7	88.6	109		0		

Sample ID: **2010081-008BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/12/2020** RunNo: **62518**
Client ID: **BATCH** Batch ID: **29969** Analysis Date: **10/12/2020** SeqNo: **1254486**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.02	0.0212	1.059	0	96.3	52.8	150				
1,1-Dichloroethene	1.06	0.0212	1.059	0	99.6	62.9	149				
trans-1,2-Dichloroethene	1.12	0.0212	1.059	0	106	73.1	130				
cis-1,2-Dichloroethene	1.15	0.0212	1.059	0	108	77.5	125				
Trichloroethene (TCE)	1.08	0.0212	1.059	0	102	72	133				
Tetrachloroethene (PCE)	1.08	0.0212	1.059	0	102	72.7	128				
Surr: Dibromofluoromethane	1.29		1.324		97.4	85.2	113				
Surr: Toluene-d8	1.33		1.324		100	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.32		1.324		99.4	88.6	109				

Sample ID: **2010081-008BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/12/2020** RunNo: **62518**
Client ID: **BATCH** Batch ID: **29969** Analysis Date: **10/12/2020** SeqNo: **1254487**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.04	0.0212	1.059	0	98.3	52.8	150	1.020	2.08	30	
1,1-Dichloroethene	1.05	0.0212	1.059	0	99.1	62.9	149	1.055	0.505	30	
trans-1,2-Dichloroethene	1.10	0.0212	1.059	0	104	73.1	130	1.121	1.95	30	
cis-1,2-Dichloroethene	1.12	0.0212	1.059	0	106	77.5	125	1.147	2.16	30	

Work Order: 2010060
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010081-008BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/12/2020** RunNo: **62518**
Client ID: **BATCH** Batch ID: **29969** Analysis Date: **10/12/2020** SeqNo: **1254487**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	1.04	0.0212	1.059	0	98.5	72	133	1.077	3.15	30	
Tetrachloroethene (PCE)	1.05	0.0212	1.059	0	98.7	72.7	128	1.080	3.29	30	
Surr: Dibromofluoromethane	1.28		1.324		96.7	85.2	113		0		
Surr: Toluene-d8	1.34		1.324		102	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.30		1.324		98.5	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010060**
Logged by:	**Gabrielle Coeuille**	Date Received:	**10/5/2020 2:27:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☑	No	☐	Not Present ☐
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	0.8

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/5/2020 Page: 1 of: ~~2~~ 3 ~~2~~

Laboratory Project No (internal): 2010LED

Project Name: Maddux North

Special Remarks: Samples for Std TAT unless marked.

Client: Aspect Consulting

Project No: 110324

Address: 710 2nd Ave, Ste. 550

Collected by: DW, RAC

City, State, Zip: Seattle, WA 98104

Location: Maddux North

Telephone: (206) 413-5411

Report To (PM): A. Yonkofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs all analytes				Comments
1	SW-P16-62-N	10/5/20	0735	S													X					
2	SW-P18-62-N		0800																			
3	SW-P20-62-N		0830																			
4	SW-P22-62-N		0845																			
5	SW-P24-62-N		0915																			
6	SW-P26-62-N		~~1010~~ 0925																			Time 0925
7	SW-P28-57-N		~~1030~~ 1010																			Time 1010
8	B-P23-P18-60-N		~~1040~~ 1030																			Time 1030 * 24 hr TAT
9	B-P23-P20-54-N		1040																			* 24 hr TAT
10	B-P23-P22-60-N		1115																			* 24 hr TAT

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Rachel C	10/5/2020	x [signature]	10/5/20 @ 1427
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/5/2020 Page: 2 of: 2

Laboratory Project No (internal): 2010060

Project Name: Maddux North

Special Remarks: Samples for Std TAT unless marked

Project No: 160324

Client: Aspect Consulting

Collected by: DWW, RAC

Address: 710 2nd Ave, Ste 550

Location: Maddux North

City, State, Zip: Seattle, WA 98104

Report To (PM): A. Yorkofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Telephone: (206) 413-5411

PM Email: ayorkofski@aspectconsulting.com

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	VOCs 8260C Naphthalenes				Comments
1	B-P27-P22-60-N	10/5/20	1105	S													X					*24hr TAT
2	~~SP-P31-55-S~~	~~10/5/20~~	1025	S					X		X							X				DW
3	Trip Blank	—	—	W													X					
4																						
5																						
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Rachel	10/5/2020	x Emily Hamm	10/5/20 @ 1427
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010081

October 13, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 10 sample(s) on 10/6/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Date: *10/13/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010081

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010081-001	B-P27-P18-60-N	10/05/2020 2:25 PM	10/06/2020 3:09 PM
2010081-002	B-P25-P20-60-N	10/05/2020 2:30 PM	10/06/2020 3:09 PM
2010081-003	B-P27-P20-60-N	10/05/2020 2:40 PM	10/06/2020 3:09 PM
2010081-004	B-P29-P20-60-N	10/05/2020 2:45 PM	10/06/2020 3:09 PM
2010081-005	SW-P32-62-N	10/06/2020 7:25 AM	10/06/2020 3:09 PM
2010081-006	SW-P36-62-N	10/06/2020 7:50 AM	10/06/2020 3:09 PM
2010081-007	SW-P38-62-N	10/06/2020 8:00 AM	10/06/2020 3:09 PM
2010081-008	SW-P40-62-N	10/06/2020 8:15 AM	10/06/2020 3:09 PM
2010081-009	B-P25-P22-60-N	10/06/2020 10:55 AM	10/06/2020 3:09 PM
2010081-010	Trip Blank	09/29/2020 3:18 PM	10/06/2020 3:09 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2010081**
Date: **10/13/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010081-001 **Collection Date:** 10/5/2020 2:25:00 PM
Client Sample ID: **B-P27-P18-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29922		Analyst: KT
Vinyl chloride	ND	0.0190		mg/Kg-dry	1	10/7/2020 3:23:18 AM
1,1-Dichloroethene	ND	0.0190		mg/Kg-dry	1	10/7/2020 3:23:18 AM
trans-1,2-Dichloroethene	ND	0.0190		mg/Kg-dry	1	10/7/2020 3:23:18 AM
cis-1,2-Dichloroethene	ND	0.0190		mg/Kg-dry	1	10/7/2020 3:23:18 AM
Trichloroethene (TCE)	ND	0.0190		mg/Kg-dry	1	10/7/2020 3:23:18 AM
Tetrachloroethene (PCE)	0.0216	0.0190		mg/Kg-dry	1	10/7/2020 3:23:18 AM
Surr: Dibromofluoromethane	96.6	85.2 - 113		%Rec	1	10/7/2020 3:23:18 AM
Surr: Toluene-d8	98.7	88.5 - 110		%Rec	1	10/7/2020 3:23:18 AM
Surr: 1-Bromo-4-fluorobenzene	100	88.6 - 109		%Rec	1	10/7/2020 3:23:18 AM
Sample Moisture (Percent Moisture)				Batch ID: R62383		Analyst: LB
Percent Moisture	16.1	0.500		wt%	1	10/7/2020 9:42:01 AM

Lab ID: 2010081-002 **Collection Date:** 10/5/2020 2:30:00 PM
Client Sample ID: **B-P25-P20-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29922		Analyst: KT
Vinyl chloride	ND	0.0198		mg/Kg-dry	1	10/7/2020 3:53:26 AM
1,1-Dichloroethene	ND	0.0198		mg/Kg-dry	1	10/7/2020 3:53:26 AM
trans-1,2-Dichloroethene	ND	0.0198		mg/Kg-dry	1	10/7/2020 3:53:26 AM
cis-1,2-Dichloroethene	ND	0.0198		mg/Kg-dry	1	10/7/2020 3:53:26 AM
Trichloroethene (TCE)	ND	0.0198		mg/Kg-dry	1	10/7/2020 3:53:26 AM
Tetrachloroethene (PCE)	ND	0.0198		mg/Kg-dry	1	10/7/2020 3:53:26 AM
Surr: Dibromofluoromethane	97.9	85.2 - 113		%Rec	1	10/7/2020 3:53:26 AM
Surr: Toluene-d8	98.6	88.5 - 110		%Rec	1	10/7/2020 3:53:26 AM
Surr: 1-Bromo-4-fluorobenzene	99.8	88.6 - 109		%Rec	1	10/7/2020 3:53:26 AM
Sample Moisture (Percent Moisture)				Batch ID: R62383		Analyst: LB
Percent Moisture	17.0	0.500		wt%	1	10/7/2020 9:42:01 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010081-003 **Collection Date:** 10/5/2020 2:40:00 PM
Client Sample ID: **B-P27-P20-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29922		Analyst: KT
Vinyl chloride	ND	0.0241		mg/Kg-dry	1	10/7/2020 4:23:35 AM
1,1-Dichloroethene	ND	0.0241		mg/Kg-dry	1	10/7/2020 4:23:35 AM
trans-1,2-Dichloroethene	ND	0.0241		mg/Kg-dry	1	10/7/2020 4:23:35 AM
cis-1,2-Dichloroethene	ND	0.0241		mg/Kg-dry	1	10/7/2020 4:23:35 AM
Trichloroethene (TCE)	ND	0.0241		mg/Kg-dry	1	10/7/2020 4:23:35 AM
Tetrachloroethene (PCE)	ND	0.0241		mg/Kg-dry	1	10/7/2020 4:23:35 AM
Surr: Dibromofluoromethane	98.5	85.2 - 113		%Rec	1	10/7/2020 4:23:35 AM
Surr: Toluene-d8	99.7	88.5 - 110		%Rec	1	10/7/2020 4:23:35 AM
Surr: 1-Bromo-4-fluorobenzene	99.0	88.6 - 109		%Rec	1	10/7/2020 4:23:35 AM
Sample Moisture (Percent Moisture)				Batch ID: R62383		Analyst: LB
Percent Moisture	17.5	0.500		wt%	1	10/7/2020 9:42:01 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010081-004 **Collection Date:** 10/5/2020 2:45:00 PM
Client Sample ID: **B-P29-P20-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29922		Analyst: KT
Vinyl chloride	ND	0.0255		mg/Kg-dry	1	10/7/2020 4:53:45 AM
1,1-Dichloroethene	ND	0.0255		mg/Kg-dry	1	10/7/2020 4:53:45 AM
trans-1,2-Dichloroethene	ND	0.0255		mg/Kg-dry	1	10/7/2020 4:53:45 AM
cis-1,2-Dichloroethene	ND	0.0255		mg/Kg-dry	1	10/7/2020 4:53:45 AM
Trichloroethene (TCE)	ND	0.0255		mg/Kg-dry	1	10/7/2020 4:53:45 AM
Tetrachloroethene (PCE)	ND	0.0255		mg/Kg-dry	1	10/7/2020 4:53:45 AM
Surr: Dibromofluoromethane	98.3	85.2 - 113		%Rec	1	10/7/2020 4:53:45 AM
Surr: Toluene-d8	98.9	88.5 - 110		%Rec	1	10/7/2020 4:53:45 AM
Surr: 1-Bromo-4-fluorobenzene	98.9	88.6 - 109		%Rec	1	10/7/2020 4:53:45 AM
Sample Moisture (Percent Moisture)				Batch ID: R62383		Analyst: LB
Percent Moisture	17.7	0.500		wt%	1	10/7/2020 9:42:01 AM

Lab ID: 2010081-005 **Collection Date:** 10/6/2020 7:25:00 AM
Client Sample ID: **SW-P32-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29969		Analyst: KT
Vinyl chloride	ND	0.0226		mg/Kg-dry	1	10/12/2020 6:35:57 PM
1,1-Dichloroethene	ND	0.0226		mg/Kg-dry	1	10/12/2020 6:35:57 PM
trans-1,2-Dichloroethene	ND	0.0226		mg/Kg-dry	1	10/12/2020 6:35:57 PM
cis-1,2-Dichloroethene	ND	0.0226		mg/Kg-dry	1	10/12/2020 6:35:57 PM
Trichloroethene (TCE)	ND	0.0226		mg/Kg-dry	1	10/12/2020 6:35:57 PM
Tetrachloroethene (PCE)	ND	0.0226		mg/Kg-dry	1	10/12/2020 6:35:57 PM
Surr: Dibromofluoromethane	90.1	85.2 - 113		%Rec	1	10/12/2020 6:35:57 PM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/12/2020 6:35:57 PM
Surr: 1-Bromo-4-fluorobenzene	94.6	88.6 - 109		%Rec	1	10/12/2020 6:35:57 PM
Sample Moisture (Percent Moisture)				Batch ID: R62383		Analyst: LB
Percent Moisture	12.6	0.500		wt%	1	10/7/2020 9:42:01 AM

Analytical Report

Work Order: **2010081**
Date Reported: **10/13/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010081-006 **Collection Date:** 10/6/2020 7:50:00 AM
Client Sample ID: **SW-P36-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29969		Analyst: KT
Vinyl chloride	ND	0.0218		mg/Kg-dry	1	10/12/2020 7:06:19 PM
1,1-Dichloroethene	ND	0.0218		mg/Kg-dry	1	10/12/2020 7:06:19 PM
trans-1,2-Dichloroethene	ND	0.0218		mg/Kg-dry	1	10/12/2020 7:06:19 PM
cis-1,2-Dichloroethene	ND	0.0218		mg/Kg-dry	1	10/12/2020 7:06:19 PM
Trichloroethene (TCE)	0.451	0.0218		mg/Kg-dry	1	10/12/2020 7:06:19 PM
Tetrachloroethene (PCE)	29.2	2.18	D	mg/Kg-dry	100	10/13/2020 9:09:52 AM
Surr: Dibromofluoromethane	89.9	85.2 - 113		%Rec	1	10/12/2020 7:06:19 PM
Surr: Toluene-d8	99.9	88.5 - 110		%Rec	1	10/12/2020 7:06:19 PM
Surr: 1-Bromo-4-fluorobenzene	95.2	88.6 - 109		%Rec	1	10/12/2020 7:06:19 PM
Sample Moisture (Percent Moisture)				Batch ID: R62383		Analyst: LB
Percent Moisture	18.2	0.500		wt%	1	10/7/2020 9:42:01 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010081-007 **Collection Date:** 10/6/2020 8:00:00 AM
Client Sample ID: **SW-P38-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29969		Analyst: KT
Vinyl chloride	ND	0.0277		mg/Kg-dry	1	10/13/2020 7:38:22 AM
1,1-Dichloroethene	ND	0.0277		mg/Kg-dry	1	10/13/2020 7:38:22 AM
trans-1,2-Dichloroethene	ND	0.0277		mg/Kg-dry	1	10/13/2020 7:38:22 AM
cis-1,2-Dichloroethene	ND	0.0277		mg/Kg-dry	1	10/13/2020 7:38:22 AM
Trichloroethene (TCE)	ND	0.0277		mg/Kg-dry	1	10/13/2020 7:38:22 AM
Tetrachloroethene (PCE)	ND	0.0277		mg/Kg-dry	1	10/13/2020 7:38:22 AM
Surr: Dibromofluoromethane	94.0	85.2 - 113		%Rec	1	10/13/2020 7:38:22 AM
Surr: Toluene-d8	97.2	88.5 - 110		%Rec	1	10/13/2020 7:38:22 AM
Surr: 1-Bromo-4-fluorobenzene	94.0	88.6 - 109		%Rec	1	10/13/2020 7:38:22 AM
Sample Moisture (Percent Moisture)				Batch ID: R62383		Analyst: LB
Percent Moisture	16.6	0.500		wt%	1	10/7/2020 9:42:01 AM

Lab ID: 2010081-008 **Collection Date:** 10/6/2020 8:15:00 AM
Client Sample ID: **SW-P40-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29969		Analyst: KT
Vinyl chloride	ND	0.0212		mg/Kg-dry	1	10/13/2020 8:08:54 AM
1,1-Dichloroethene	ND	0.0212		mg/Kg-dry	1	10/13/2020 8:08:54 AM
trans-1,2-Dichloroethene	ND	0.0212		mg/Kg-dry	1	10/13/2020 8:08:54 AM
cis-1,2-Dichloroethene	ND	0.0212		mg/Kg-dry	1	10/13/2020 8:08:54 AM
Trichloroethene (TCE)	ND	0.0212		mg/Kg-dry	1	10/13/2020 8:08:54 AM
Tetrachloroethene (PCE)	ND	0.0212		mg/Kg-dry	1	10/13/2020 8:08:54 AM
Surr: Dibromofluoromethane	91.1	85.2 - 113		%Rec	1	10/13/2020 8:08:54 AM
Surr: Toluene-d8	93.2	88.5 - 110		%Rec	1	10/13/2020 8:08:54 AM
Surr: 1-Bromo-4-fluorobenzene	93.3	88.6 - 109		%Rec	1	10/13/2020 8:08:54 AM
Sample Moisture (Percent Moisture)				Batch ID: R62383		Analyst: LB
Percent Moisture	23.8	0.500		wt%	1	10/7/2020 9:42:01 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010081-009 **Collection Date:** 10/6/2020 10:55:00 AM
Client Sample ID: **B-P25-P22-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29922		Analyst: KT
Vinyl chloride	ND	0.0238		mg/Kg-dry	1	10/7/2020 5:23:52 AM
1,1-Dichloroethene	ND	0.0238		mg/Kg-dry	1	10/7/2020 5:23:52 AM
trans-1,2-Dichloroethene	ND	0.0238		mg/Kg-dry	1	10/7/2020 5:23:52 AM
cis-1,2-Dichloroethene	ND	0.0238		mg/Kg-dry	1	10/7/2020 5:23:52 AM
Trichloroethene (TCE)	ND	0.0238		mg/Kg-dry	1	10/7/2020 5:23:52 AM
Tetrachloroethene (PCE)	ND	0.0238		mg/Kg-dry	1	10/7/2020 5:23:52 AM
Surr: Dibromofluoromethane	96.0	85.2 - 113		%Rec	1	10/7/2020 5:23:52 AM
Surr: Toluene-d8	98.2	88.5 - 110		%Rec	1	10/7/2020 5:23:52 AM
Surr: 1-Bromo-4-fluorobenzene	99.1	88.6 - 109		%Rec	1	10/7/2020 5:23:52 AM
Sample Moisture (Percent Moisture)				Batch ID: R62405		Analyst: LB
Percent Moisture	17.9	0.500		wt%	1	10/7/2020 3:03:18 PM

Lab ID: 2010081-010 **Collection Date:** 9/29/2020 3:18:00 PM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29969		Analyst: KT
Vinyl chloride	ND	0.0200		mg/Kg	1	10/12/2020 2:01:58 PM
1,1-Dichloroethene	ND	0.0200		mg/Kg	1	10/12/2020 2:01:58 PM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/12/2020 2:01:58 PM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/12/2020 2:01:58 PM
Trichloroethene (TCE)	ND	0.0200		mg/Kg	1	10/12/2020 2:01:58 PM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg	1	10/12/2020 2:01:58 PM
Surr: Dibromofluoromethane	89.5	85.2 - 113		%Rec	1	10/12/2020 2:01:58 PM
Surr: Toluene-d8	99.3	88.5 - 110		%Rec	1	10/12/2020 2:01:58 PM
Surr: 1-Bromo-4-fluorobenzene	92.6	88.6 - 109		%Rec	1	10/12/2020 2:01:58 PM

Work Order: 2010081
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29922** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/6/2020** RunNo: **62377**
Client ID: **LCSS** Batch ID: **29922** Analysis Date: **10/6/2020** SeqNo: **1251679**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.24	0.0200	1.000	0	124	66	131				
1,1-Dichloroethene	1.07	0.0200	1.000	0	107	63.4	139				
trans-1,2-Dichloroethene	1.06	0.0200	1.000	0	106	80.5	116				
cis-1,2-Dichloroethene	1.02	0.0200	1.000	0	102	81.8	114				
Trichloroethene (TCE)	1.00	0.0200	1.000	0	100	80.8	117				
Tetrachloroethene (PCE)	1.03	0.0200	1.000	0	103	81.8	116				
Surr: Dibromofluoromethane	1.30		1.250		104	85.2	113				
Surr: Toluene-d8	1.26		1.250		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		100	88.6	109				

Sample ID: **MB-29922** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/6/2020** RunNo: **62377**
Client ID: **MBLKS** Batch ID: **29922** Analysis Date: **10/6/2020** SeqNo: **1251680**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.23		1.250		98.2	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.6	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.22		1.250		97.4	88.6	109				

Sample ID: **2010041-017BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/6/2020** RunNo: **62377**
Client ID: **BATCH** Batch ID: **29922** Analysis Date: **10/7/2020** SeqNo: **1251668**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0243						0		30	

Work Order: 2010081
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010041-017BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/6/2020** RunNo: **62377**
Client ID: **BATCH** Batch ID: **29922** Analysis Date: **10/7/2020** SeqNo: **1251668**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0243						0		30	
trans-1,2-Dichloroethene	ND	0.0243						0		30	
cis-1,2-Dichloroethene	ND	0.0243						0		30	
Trichloroethene (TCE)	0.0659	0.0243						0.06678	1.40	30	
Tetrachloroethene (PCE)	ND	0.0243						0		30	
Surr: Dibromofluoromethane	1.48		1.516		97.6	85.2	113		0		
Surr: Toluene-d8	1.49		1.516		98.6	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.50		1.516		98.7	88.6	109		0		

Sample ID: **2010081-009BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/6/2020** RunNo: **62377**
Client ID: **B-P25-P22-60-N** Batch ID: **29922** Analysis Date: **10/7/2020** SeqNo: **1251675**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.10	0.0238	1.190	0	92.9	52.8	150				
1,1-Dichloroethene	1.18	0.0238	1.190	0	98.8	62.9	149				
trans-1,2-Dichloroethene	1.18	0.0238	1.190	0	99.3	73.1	130				
cis-1,2-Dichloroethene	1.19	0.0238	1.190	0	100	77.5	125				
Trichloroethene (TCE)	1.35	0.0238	1.190	0	114	72	133				
Tetrachloroethene (PCE)	1.20	0.0238	1.190	0	101	72.7	128				
Surr: Dibromofluoromethane	1.50		1.487		101	85.2	113				
Surr: Toluene-d8	1.49		1.487		100	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.49		1.487		100	88.6	109				

Sample ID: **2010081-009BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/6/2020** RunNo: **62377**
Client ID: **B-P25-P22-60-N** Batch ID: **29922** Analysis Date: **10/7/2020** SeqNo: **1251676**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.03	0.0238	1.190	0	86.8	52.8	150	1.105	6.79	30	
1,1-Dichloroethene	1.13	0.0238	1.190	0	94.6	62.9	149	1.175	4.30	30	

Work Order: 2010081
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010081-009BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/6/2020** RunNo: **62377**
Client ID: **B-P25-P22-60-N** Batch ID: **29922** Analysis Date: **10/7/2020** SeqNo: **1251676**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.16	0.0238	1.190	0	97.8	73.1	130	1.181	1.55	30	
cis-1,2-Dichloroethene	1.19	0.0238	1.190	0	99.6	77.5	125	1.195	0.810	30	
Trichloroethene (TCE)	1.31	0.0238	1.190	0	110	72	133	1.354	3.29	30	
Tetrachloroethene (PCE)	1.15	0.0238	1.190	0	96.6	72.7	128	1.196	4.03	30	
Surr: Dibromofluoromethane	1.54		1.487		104	85.2	113		0		
Surr: Toluene-d8	1.50		1.487		101	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.49		1.487		100	88.6	109		0		

Sample ID: **LCS-29969** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/9/2020** RunNo: **62518**
Client ID: **LCSS** Batch ID: **29969** Analysis Date: **10/12/2020** SeqNo: **1254491**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.07	0.0200	1.000	0	107	66	131				
1,1-Dichloroethene	1.08	0.0200	1.000	0	108	63.4	139				
trans-1,2-Dichloroethene	1.07	0.0200	1.000	0	107	80.5	116				
cis-1,2-Dichloroethene	1.05	0.0200	1.000	0	105	81.8	114				
Trichloroethene (TCE)	1.03	0.0200	1.000	0	103	80.8	117				
Tetrachloroethene (PCE)	1.07	0.0200	1.000	0	107	81.8	116				
Surr: Dibromofluoromethane	1.23		1.250		98.3	85.2	113				
Surr: Toluene-d8	1.31		1.250		105	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.26		1.250		101	88.6	109				

Sample ID: **MB-29969** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/9/2020** RunNo: **62518**
Client ID: **MBLKS** Batch ID: **29969** Analysis Date: **10/12/2020** SeqNo: **1254492**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									

Work Order: 2010081
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29969** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/9/2020** RunNo: **62518**
Client ID: **MBLKS** Batch ID: **29969** Analysis Date: **10/12/2020** SeqNo: **1254492**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.17		1.250		93.4	85.2	113				
Surr: Toluene-d8	1.20		1.250		95.7	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		96.0	88.6	109				

Sample ID: **2010060-005BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/12/2020** RunNo: **62518**
Client ID: **BATCH** Batch ID: **29969** Analysis Date: **10/12/2020** SeqNo: **1254475**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0231						0		30	
1,1-Dichloroethene	ND	0.0231						0		30	
trans-1,2-Dichloroethene	ND	0.0231						0		30	
cis-1,2-Dichloroethene	ND	0.0231						0		30	
Trichloroethene (TCE)	ND	0.0231						0		30	
Tetrachloroethene (PCE)	ND	0.0231						0		30	
Surr: Dibromofluoromethane	1.29		1.442		89.6	85.2	113		0		
Surr: Toluene-d8	1.51		1.442		105	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.35		1.442		93.7	88.6	109		0		

Sample ID: **2010081-008BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/12/2020** RunNo: **62518**
Client ID: **SW-P40-62-N** Batch ID: **29969** Analysis Date: **10/12/2020** SeqNo: **1254486**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.02	0.0212	1.059	0	96.3	52.8	150				
1,1-Dichloroethene	1.06	0.0212	1.059	0	99.6	62.9	149				
trans-1,2-Dichloroethene	1.12	0.0212	1.059	0	106	73.1	130				
cis-1,2-Dichloroethene	1.15	0.0212	1.059	0	108	77.5	125				

Work Order: 2010081
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010081-008BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/12/2020** RunNo: **62518**
Client ID: **SW-P40-62-N** Batch ID: **29969** Analysis Date: **10/12/2020** SeqNo: **1254486**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	1.08	0.0212	1.059	0	102	72	133				
Tetrachloroethene (PCE)	1.08	0.0212	1.059	0	102	72.7	128				
Surr: Dibromofluoromethane	1.29		1.324		97.4	85.2	113				
Surr: Toluene-d8	1.33		1.324		100	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.32		1.324		99.4	88.6	109				

Sample ID: **2010081-008BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/12/2020** RunNo: **62518**
Client ID: **SW-P40-62-N** Batch ID: **29969** Analysis Date: **10/12/2020** SeqNo: **1254487**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.04	0.0212	1.059	0	98.3	52.8	150	1.020	2.08	30	
1,1-Dichloroethene	1.05	0.0212	1.059	0	99.1	62.9	149	1.055	0.505	30	
trans-1,2-Dichloroethene	1.10	0.0212	1.059	0	104	73.1	130	1.121	1.95	30	
cis-1,2-Dichloroethene	1.12	0.0212	1.059	0	106	77.5	125	1.147	2.16	30	
Trichloroethene (TCE)	1.04	0.0212	1.059	0	98.5	72	133	1.077	3.15	30	
Tetrachloroethene (PCE)	1.05	0.0212	1.059	0	98.7	72.7	128	1.080	3.29	30	
Surr: Dibromofluoromethane	1.28		1.324		96.7	85.2	113		0		
Surr: Toluene-d8	1.34		1.324		102	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.30		1.324		98.5	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010081**
Logged by:	**Carissa True**	Date Received:	**10/6/2020 3:09:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☑	No	☐	Not Present ☐
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	0.9

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/6/2020 Page: 1 of:

Project Name: Maddux North

Project No: 160324

Collected by: DWO

Location: Maddux North

Report To (PM): A. Yonkofski

PM Email: ayonkofski@aspectconsulting.com

Laboratory Project No (internal): 2010081

Special Remarks: STD TAT unless marked otherwise

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA. 98104

Telephone: (206) 413-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cPUGs 8260			Comments
1	B-P27-P18-60-N	10/5/20	1425	S												X				24 hr TAT
2	B-P25-P20-60-N		1430																	24 hr TAT
3	B-P27-P20-60-N		1440																	24 hr TAT
4	B-P29-P20-60-N		1445																	24 hr TAT
5	SW-P32-62-N	10/6/20	0725																	
6	SW-P36-62-N		0750																	
7	SW-P38-62-N		0800																	
8	SW-P40-62-N		0815																	
9	B-P25-P22-60-N		1055																	24 hr TAT
10	Trip Blank	—	—	W																

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/6/2020 1457	x [signature]	10/6/20 15:04
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010119

October 13, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 13 sample(s) on 10/8/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Date: *10/13/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010119

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010119-001	SW-P44-62-N	10/07/2020 7:55 AM	10/08/2020 3:13 PM
2010119-002	SW-P42-62-N	10/07/2020 8:00 AM	10/08/2020 3:13 PM
2010119-003	SW-P34-62-N	10/07/2020 8:20 AM	10/08/2020 3:13 PM
2010119-004	SP-P28-P17-65-N	10/08/2020 7:40 AM	10/08/2020 3:13 PM
2010119-005	B-P28-P22-55-N	10/08/2020 8:35 AM	10/08/2020 3:13 PM
2010119-006	B-P29-P22-55-N	10/08/2020 9:05 AM	10/08/2020 3:13 PM
2010119-007	B-P24.5-P21-57-N	10/08/2020 1:00 PM	10/08/2020 3:13 PM
2010119-008	B-P34.25-P35-60-N	10/08/2020 1:45 PM	10/08/2020 3:13 PM
2010119-009	B-P34.25-P37-60-N	10/08/2020 1:50 PM	10/08/2020 3:13 PM
2010119-010	B-P34.25-P39-60-N	10/08/2020 1:55 PM	10/08/2020 3:13 PM
2010119-011	B-P33-P35-60-N	10/08/2020 2:05 PM	10/08/2020 3:13 PM
2010119-012	B-P31-P35-60-N	10/08/2020 2:10 PM	10/08/2020 3:13 PM
2010119-013	Trip Blank	09/22/2020 12:57 PM	10/08/2020 3:13 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2010119**
Date: **10/13/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010119-001 **Collection Date:** 10/7/2020 7:55:00 AM
Client Sample ID: **SW-P44-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29938		Analyst: TN
Vinyl chloride	ND	0.0230		mg/Kg-dry	1	10/8/2020 6:02:38 PM
1,1-Dichloroethene	ND	0.0230		mg/Kg-dry	1	10/8/2020 6:02:38 PM
trans-1,2-Dichloroethene	ND	0.0230		mg/Kg-dry	1	10/8/2020 6:02:38 PM
cis-1,2-Dichloroethene	ND	0.0230		mg/Kg-dry	1	10/8/2020 6:02:38 PM
Trichloroethene (TCE)	ND	0.0230		mg/Kg-dry	1	10/8/2020 6:02:38 PM
Tetrachloroethene (PCE)	0.562	0.0230		mg/Kg-dry	1	10/8/2020 6:02:38 PM
Surr: Dibromofluoromethane	97.3	85.2 - 113		%Rec	1	10/8/2020 6:02:38 PM
Surr: Toluene-d8	99.2	88.5 - 110		%Rec	1	10/8/2020 6:02:38 PM
Surr: 1-Bromo-4-fluorobenzene	96.7	88.6 - 109		%Rec	1	10/8/2020 6:02:38 PM
Sample Moisture (Percent Moisture)				Batch ID: R62444		Analyst: LB
Percent Moisture	12.7	0.500		wt%	1	10/9/2020 9:25:12 AM

Lab ID: 2010119-002 **Collection Date:** 10/7/2020 8:00:00 AM
Client Sample ID: **SW-P42-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29938		Analyst: TN
Vinyl chloride	ND	0.0201		mg/Kg-dry	1	10/8/2020 6:32:47 PM
1,1-Dichloroethene	ND	0.0201		mg/Kg-dry	1	10/8/2020 6:32:47 PM
trans-1,2-Dichloroethene	ND	0.0201		mg/Kg-dry	1	10/8/2020 6:32:47 PM
cis-1,2-Dichloroethene	ND	0.0201		mg/Kg-dry	1	10/8/2020 6:32:47 PM
Trichloroethene (TCE)	ND	0.0201		mg/Kg-dry	1	10/8/2020 6:32:47 PM
Tetrachloroethene (PCE)	0.783	0.0201		mg/Kg-dry	1	10/8/2020 6:32:47 PM
Surr: Dibromofluoromethane	98.6	85.2 - 113		%Rec	1	10/8/2020 6:32:47 PM
Surr: Toluene-d8	99.5	88.5 - 110		%Rec	1	10/8/2020 6:32:47 PM
Surr: 1-Bromo-4-fluorobenzene	96.3	88.6 - 109		%Rec	1	10/8/2020 6:32:47 PM
Sample Moisture (Percent Moisture)				Batch ID: R62444		Analyst: LB
Percent Moisture	14.4	0.500		wt%	1	10/9/2020 9:25:12 AM

Analytical Report

Work Order: **2010119**
Date Reported: **10/13/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010119-003 **Collection Date:** 10/7/2020 8:20:00 AM
Client Sample ID: **SW-P34-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29938		Analyst: TN
Vinyl chloride	ND	0.0293		mg/Kg-dry	1	10/8/2020 7:02:56 PM
1,1-Dichloroethene	0.0313	0.0293		mg/Kg-dry	1	10/8/2020 7:02:56 PM
trans-1,2-Dichloroethene	ND	0.0293		mg/Kg-dry	1	10/8/2020 7:02:56 PM
cis-1,2-Dichloroethene	0.188	0.0293		mg/Kg-dry	1	10/8/2020 7:02:56 PM
Trichloroethene (TCE)	0.757	0.0293		mg/Kg-dry	1	10/8/2020 7:02:56 PM
Tetrachloroethene (PCE)	15.3	0.293	D	mg/Kg-dry	10	10/9/2020 2:19:20 PM
Surr: Dibromofluoromethane	97.2	85.2 - 113		%Rec	1	10/8/2020 7:02:56 PM
Surr: Toluene-d8	99.6	88.5 - 110		%Rec	1	10/8/2020 7:02:56 PM
Surr: 1-Bromo-4-fluorobenzene	96.7	88.6 - 109		%Rec	1	10/8/2020 7:02:56 PM
Sample Moisture (Percent Moisture)				Batch ID: R62444		Analyst: LB
Percent Moisture	17.6	0.500		wt%	1	10/9/2020 9:25:12 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010119-004 **Collection Date:** 10/8/2020 7:40:00 AM
Client Sample ID: **SP-P28-P17-65-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29938		Analyst: TN
Vinyl chloride	ND	0.0211		mg/Kg-dry	1	10/8/2020 7:33:06 PM
1,1-Dichloroethene	ND	0.0211		mg/Kg-dry	1	10/8/2020 7:33:06 PM
trans-1,2-Dichloroethene	ND	0.0211		mg/Kg-dry	1	10/8/2020 7:33:06 PM
cis-1,2-Dichloroethene	ND	0.0211		mg/Kg-dry	1	10/8/2020 7:33:06 PM
Trichloroethene (TCE)	0.0436	0.0211		mg/Kg-dry	1	10/8/2020 7:33:06 PM
Tetrachloroethene (PCE)	3.73	0.211	D	mg/Kg-dry	10	10/13/2020 1:00:08 PM
Surr: Dibromofluoromethane	96.8	85.2 - 113		%Rec	1	10/8/2020 7:33:06 PM
Surr: Toluene-d8	99.0	88.5 - 110		%Rec	1	10/8/2020 7:33:06 PM
Surr: 1-Bromo-4-fluorobenzene	95.7	88.6 - 109		%Rec	1	10/8/2020 7:33:06 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample Moisture (Percent Moisture)				Batch ID: R62444		Analyst: LB
Percent Moisture	19.5	0.500		wt%	1	10/9/2020 9:25:12 AM

Lab ID: 2010119-005 **Collection Date:** 10/8/2020 8:35:00 AM
Client Sample ID: **B-P28-P22-55-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29938		Analyst: TN
Vinyl chloride	ND	0.0252		mg/Kg-dry	1	10/8/2020 8:03:13 PM
1,1-Dichloroethene	ND	0.0252		mg/Kg-dry	1	10/8/2020 8:03:13 PM
trans-1,2-Dichloroethene	ND	0.0252		mg/Kg-dry	1	10/8/2020 8:03:13 PM
cis-1,2-Dichloroethene	ND	0.0252		mg/Kg-dry	1	10/8/2020 8:03:13 PM
Trichloroethene (TCE)	ND	0.0252		mg/Kg-dry	1	10/8/2020 8:03:13 PM
Tetrachloroethene (PCE)	ND	0.0252		mg/Kg-dry	1	10/8/2020 8:03:13 PM
Surr: Dibromofluoromethane	96.6	85.2 - 113		%Rec	1	10/8/2020 8:03:13 PM
Surr: Toluene-d8	99.6	88.5 - 110		%Rec	1	10/8/2020 8:03:13 PM
Surr: 1-Bromo-4-fluorobenzene	97.1	88.6 - 109		%Rec	1	10/8/2020 8:03:13 PM

Sample Moisture (Percent Moisture)				Batch ID: R62444		Analyst: LB
Percent Moisture	18.6	0.500		wt%	1	10/9/2020 9:25:12 AM

Analytical Report

Work Order: **2010119**
Date Reported: **10/13/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010119-006 **Collection Date:** 10/8/2020 9:05:00 AM
Client Sample ID: **B-P29-P22-55-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29938		Analyst: TN
Vinyl chloride	ND	0.0255		mg/Kg-dry	1	10/8/2020 8:33:20 PM
1,1-Dichloroethene	ND	0.0255		mg/Kg-dry	1	10/8/2020 8:33:20 PM
trans-1,2-Dichloroethene	ND	0.0255		mg/Kg-dry	1	10/8/2020 8:33:20 PM
cis-1,2-Dichloroethene	ND	0.0255		mg/Kg-dry	1	10/8/2020 8:33:20 PM
Trichloroethene (TCE)	ND	0.0255		mg/Kg-dry	1	10/8/2020 8:33:20 PM
Tetrachloroethene (PCE)	ND	0.0255		mg/Kg-dry	1	10/8/2020 8:33:20 PM
Surr: Dibromofluoromethane	97.7	85.2 - 113		%Rec	1	10/8/2020 8:33:20 PM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	10/8/2020 8:33:20 PM
Surr: 1-Bromo-4-fluorobenzene	97.1	88.6 - 109		%Rec	1	10/8/2020 8:33:20 PM
Sample Moisture (Percent Moisture)				Batch ID: R62444		Analyst: LB
Percent Moisture	21.5	0.500		wt%	1	10/9/2020 9:25:12 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010119-007 **Collection Date:** 10/8/2020 1:00:00 PM
Client Sample ID: **B-P24.5-P21-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29938		Analyst: TN
Vinyl chloride	ND	0.0323		mg/Kg-dry	1	10/8/2020 9:03:26 PM
1,1-Dichloroethene	ND	0.0323		mg/Kg-dry	1	10/8/2020 9:03:26 PM
trans-1,2-Dichloroethene	ND	0.0323		mg/Kg-dry	1	10/8/2020 9:03:26 PM
cis-1,2-Dichloroethene	ND	0.0323		mg/Kg-dry	1	10/8/2020 9:03:26 PM
Trichloroethene (TCE)	ND	0.0323		mg/Kg-dry	1	10/8/2020 9:03:26 PM
Tetrachloroethene (PCE)	ND	0.0323		mg/Kg-dry	1	10/8/2020 9:03:26 PM
Surr: Dibromofluoromethane	96.6	85.2 - 113		%Rec	1	10/8/2020 9:03:26 PM
Surr: Toluene-d8	99.5	88.5 - 110		%Rec	1	10/8/2020 9:03:26 PM
Surr: 1-Bromo-4-fluorobenzene	97.4	88.6 - 109		%Rec	1	10/8/2020 9:03:26 PM
Sample Moisture (Percent Moisture)				Batch ID: R62444		Analyst: LB
Percent Moisture	19.7	0.500		wt%	1	10/9/2020 9:25:12 AM

Lab ID: 2010119-008 **Collection Date:** 10/8/2020 1:45:00 PM
Client Sample ID: **B-P34.25-P35-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29938		Analyst: TN
Vinyl chloride	ND	0.0229		mg/Kg-dry	1	10/8/2020 9:33:34 PM
1,1-Dichloroethene	ND	0.0229		mg/Kg-dry	1	10/8/2020 9:33:34 PM
trans-1,2-Dichloroethene	ND	0.0229		mg/Kg-dry	1	10/8/2020 9:33:34 PM
cis-1,2-Dichloroethene	ND	0.0229		mg/Kg-dry	1	10/8/2020 9:33:34 PM
Trichloroethene (TCE)	ND	0.0229		mg/Kg-dry	1	10/8/2020 9:33:34 PM
Tetrachloroethene (PCE)	ND	0.0229		mg/Kg-dry	1	10/8/2020 9:33:34 PM
Surr: Dibromofluoromethane	97.1	85.2 - 113		%Rec	1	10/8/2020 9:33:34 PM
Surr: Toluene-d8	99.3	88.5 - 110		%Rec	1	10/8/2020 9:33:34 PM
Surr: 1-Bromo-4-fluorobenzene	96.8	88.6 - 109		%Rec	1	10/8/2020 9:33:34 PM
Sample Moisture (Percent Moisture)				Batch ID: R62444		Analyst: LB
Percent Moisture	18.5	0.500		wt%	1	10/9/2020 9:25:12 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010119-009 **Collection Date:** 10/8/2020 1:50:00 PM
Client Sample ID: **B-P34.25-P37-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29938		Analyst: TN
Vinyl chloride	ND	0.0197		mg/Kg-dry	1	10/8/2020 10:03:41 PM
1,1-Dichloroethene	ND	0.0197		mg/Kg-dry	1	10/8/2020 10:03:41 PM
trans-1,2-Dichloroethene	ND	0.0197		mg/Kg-dry	1	10/8/2020 10:03:41 PM
cis-1,2-Dichloroethene	ND	0.0197		mg/Kg-dry	1	10/8/2020 10:03:41 PM
Trichloroethene (TCE)	ND	0.0197		mg/Kg-dry	1	10/8/2020 10:03:41 PM
Tetrachloroethene (PCE)	ND	0.0197		mg/Kg-dry	1	10/8/2020 10:03:41 PM
Surr: Dibromofluoromethane	95.8	85.2 - 113		%Rec	1	10/8/2020 10:03:41 PM
Surr: Toluene-d8	99.7	88.5 - 110		%Rec	1	10/8/2020 10:03:41 PM
Surr: 1-Bromo-4-fluorobenzene	97.6	88.6 - 109		%Rec	1	10/8/2020 10:03:41 PM
Sample Moisture (Percent Moisture)				Batch ID: R62444		Analyst: LB
Percent Moisture	12.8	0.500		wt%	1	10/9/2020 9:25:12 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010119-010 **Collection Date:** 10/8/2020 1:55:00 PM
Client Sample ID: **B-P34.25-P39-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29938		Analyst: TN
Vinyl chloride	ND	0.0223		mg/Kg-dry	1	10/8/2020 10:33:51 PM
1,1-Dichloroethene	ND	0.0223		mg/Kg-dry	1	10/8/2020 10:33:51 PM
trans-1,2-Dichloroethene	ND	0.0223		mg/Kg-dry	1	10/8/2020 10:33:51 PM
cis-1,2-Dichloroethene	ND	0.0223		mg/Kg-dry	1	10/8/2020 10:33:51 PM
Trichloroethene (TCE)	ND	0.0223		mg/Kg-dry	1	10/8/2020 10:33:51 PM
Tetrachloroethene (PCE)	ND	0.0223		mg/Kg-dry	1	10/8/2020 10:33:51 PM
Surr: Dibromofluoromethane	97.5	85.2 - 113		%Rec	1	10/8/2020 10:33:51 PM
Surr: Toluene-d8	99.4	88.5 - 110		%Rec	1	10/8/2020 10:33:51 PM
Surr: 1-Bromo-4-fluorobenzene	95.8	88.6 - 109		%Rec	1	10/8/2020 10:33:51 PM
Sample Moisture (Percent Moisture)				Batch ID: R62444		Analyst: LB
Percent Moisture	18.5	0.500		wt%	1	10/9/2020 9:25:12 AM

Lab ID: 2010119-011 **Collection Date:** 10/8/2020 2:05:00 PM
Client Sample ID: **B-P33-P35-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29964		Analyst: TN
Vinyl chloride	ND	0.0207		mg/Kg-dry	1	10/9/2020 12:48:52 PM
1,1-Dichloroethene	ND	0.0207		mg/Kg-dry	1	10/9/2020 12:48:52 PM
trans-1,2-Dichloroethene	ND	0.0207		mg/Kg-dry	1	10/9/2020 12:48:52 PM
cis-1,2-Dichloroethene	ND	0.0207		mg/Kg-dry	1	10/9/2020 12:48:52 PM
Trichloroethene (TCE)	ND	0.0207		mg/Kg-dry	1	10/9/2020 12:48:52 PM
Tetrachloroethene (PCE)	ND	0.0207		mg/Kg-dry	1	10/9/2020 12:48:52 PM
Surr: Dibromofluoromethane	97.5	85.2 - 113		%Rec	1	10/9/2020 12:48:52 PM
Surr: Toluene-d8	99.5	88.5 - 110		%Rec	1	10/9/2020 12:48:52 PM
Surr: 1-Bromo-4-fluorobenzene	94.5	88.6 - 109		%Rec	1	10/9/2020 12:48:52 PM
Sample Moisture (Percent Moisture)				Batch ID: R62444		Analyst: LB
Percent Moisture	15.4	0.500		wt%	1	10/9/2020 9:25:12 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010119-012 **Collection Date:** 10/8/2020 2:10:00 PM
Client Sample ID: **B-P31-P35-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29964		Analyst: TN
Vinyl chloride	ND	0.0216		mg/Kg-dry	1	10/9/2020 1:49:08 PM
1,1-Dichloroethene	ND	0.0216		mg/Kg-dry	1	10/9/2020 1:49:08 PM
trans-1,2-Dichloroethene	ND	0.0216		mg/Kg-dry	1	10/9/2020 1:49:08 PM
cis-1,2-Dichloroethene	ND	0.0216		mg/Kg-dry	1	10/9/2020 1:49:08 PM
Trichloroethene (TCE)	ND	0.0216		mg/Kg-dry	1	10/9/2020 1:49:08 PM
Tetrachloroethene (PCE)	ND	0.0216		mg/Kg-dry	1	10/9/2020 1:49:08 PM
Surr: Dibromofluoromethane	97.5	85.2 - 113		%Rec	1	10/9/2020 1:49:08 PM
Surr: Toluene-d8	99.3	88.5 - 110		%Rec	1	10/9/2020 1:49:08 PM
Surr: 1-Bromo-4-fluorobenzene	97.0	88.6 - 109		%Rec	1	10/9/2020 1:49:08 PM
Sample Moisture (Percent Moisture)				Batch ID: R62444		Analyst: LB
Percent Moisture	17.6	0.500		wt%	1	10/9/2020 9:25:12 AM

Lab ID: 2010119-013 **Collection Date:** 9/22/2020 12:57:00 PM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29964		Analyst: TN
Vinyl chloride	ND	0.0200	H	mg/Kg	1	10/9/2020 12:18:44 PM
1,1-Dichloroethene	ND	0.0200	H	mg/Kg	1	10/9/2020 12:18:44 PM
trans-1,2-Dichloroethene	ND	0.0200	H	mg/Kg	1	10/9/2020 12:18:44 PM
cis-1,2-Dichloroethene	ND	0.0200	H	mg/Kg	1	10/9/2020 12:18:44 PM
Trichloroethene (TCE)	ND	0.0200	H	mg/Kg	1	10/9/2020 12:18:44 PM
Tetrachloroethene (PCE)	ND	0.0200	H	mg/Kg	1	10/9/2020 12:18:44 PM
Surr: Dibromofluoromethane	97.0	85.2 - 113	H	%Rec	1	10/9/2020 12:18:44 PM
Surr: Toluene-d8	99.6	88.5 - 110	H	%Rec	1	10/9/2020 12:18:44 PM
Surr: 1-Bromo-4-fluorobenzene	95.2	88.6 - 109	H	%Rec	1	10/9/2020 12:18:44 PM

Work Order: 2010119
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29938**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/8/2020**	RunNo: **62451**
Client ID: **LCSS**	Batch ID: **29938**		Analysis Date: **10/8/2020**	SeqNo: **1253174**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.02	0.0200	1.000	0	102	66	131				
1,1-Dichloroethene	0.984	0.0200	1.000	0	98.4	63.4	139				
trans-1,2-Dichloroethene	0.989	0.0200	1.000	0	98.9	80.5	116				
cis-1,2-Dichloroethene	0.976	0.0200	1.000	0	97.6	81.8	114				
Trichloroethene (TCE)	0.959	0.0200	1.000	0	95.9	80.8	117				
Tetrachloroethene (PCE)	0.991	0.0200	1.000	0	99.1	81.8	116				
Surr: Dibromofluoromethane	1.27		1.250		102	85.2	113				
Surr: Toluene-d8	1.25		1.250		99.9	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.23		1.250		98.8	88.6	109				

Sample ID: **MB-29938**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/8/2020**	RunNo: **62451**
Client ID: **MBLKS**	Batch ID: **29938**		Analysis Date: **10/8/2020**	SeqNo: **1253175**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.18		1.250		94.6	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.5	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.23		1.250		98.7	88.6	109				

Sample ID: **2010067-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/8/2020**	RunNo: **62451**
Client ID: **BATCH**	Batch ID: **29938**		Analysis Date: **10/8/2020**	SeqNo: **1253148**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0174						0		30	

Work Order: 2010119
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010067-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/8/2020** RunNo: **62451**
Client ID: **BATCH** Batch ID: **29938** Analysis Date: **10/8/2020** SeqNo: **1253148**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0174						0		30	
trans-1,2-Dichloroethene	ND	0.0174						0		30	
cis-1,2-Dichloroethene	ND	0.0174						0		30	
Trichloroethene (TCE)	ND	0.0174						0		30	
Tetrachloroethene (PCE)	ND	0.0174						0		30	
Surr: Dibromofluoromethane	1.06		1.087		97.7	85.2	113		0		
Surr: Toluene-d8	1.07		1.087		98.4	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.06		1.087		97.7	88.6	109		0		

Sample ID: **2010067-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/8/2020** RunNo: **62451**
Client ID: **BATCH** Batch ID: **29938** Analysis Date: **10/8/2020** SeqNo: **1253150**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.969	0.0165	0.8259	0	117	52.8	150				
1,1-Dichloroethene	1.02	0.0165	0.8259	0	123	62.9	149				
trans-1,2-Dichloroethene	0.994	0.0165	0.8259	0	120	73.1	130				
cis-1,2-Dichloroethene	0.985	0.0165	0.8259	0	119	77.5	125				
Trichloroethene (TCE)	1.00	0.0165	0.8259	0	121	72	133				
Tetrachloroethene (PCE)	1.02	0.0165	0.8259	0	123	72.7	128				
Surr: Dibromofluoromethane	1.04		1.032		101	85.2	113				
Surr: Toluene-d8	1.02		1.032		98.7	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	0.999		1.032		96.8	88.6	109				

Sample ID: **2010067-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/8/2020** RunNo: **62451**
Client ID: **BATCH** Batch ID: **29938** Analysis Date: **10/8/2020** SeqNo: **1253151**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.993	0.0165	0.8259	0	120	52.8	150	0.9686	2.54	30	
1,1-Dichloroethene	1.02	0.0165	0.8259	0	124	62.9	149	1.015	0.635	30	

Work Order: 2010119
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010067-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/8/2020** RunNo: **62451**
Client ID: **BATCH** Batch ID: **29938** Analysis Date: **10/8/2020** SeqNo: **1253151**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	0.991	0.0165	0.8259	0	120	73.1	130	0.9945	0.336	30	
cis-1,2-Dichloroethene	0.986	0.0165	0.8259	0	119	77.5	125	0.9855	0.0943	30	
Trichloroethene (TCE)	0.999	0.0165	0.8259	0	121	72	133	1.001	0.254	30	
Tetrachloroethene (PCE)	1.02	0.0165	0.8259	0	124	72.7	128	1.016	0.585	30	
Surr: Dibromofluoromethane	1.05		1.032		102	85.2	113		0		
Surr: Toluene-d8	1.03		1.032		99.6	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.02		1.032		98.9	88.6	109		0		

Sample ID: **LCS-29964** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/9/2020** RunNo: **62467**
Client ID: **LCSS** Batch ID: **29964** Analysis Date: **10/9/2020** SeqNo: **1253541**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.32	0.0200	1.000	0	132	66	131				S
1,1-Dichloroethene	1.21	0.0200	1.000	0	121	63.4	139				
trans-1,2-Dichloroethene	1.21	0.0200	1.000	0	121	80.5	116				S
cis-1,2-Dichloroethene	1.19	0.0200	1.000	0	119	81.8	114				S
Trichloroethene (TCE)	1.18	0.0200	1.000	0	118	80.8	117				S
Tetrachloroethene (PCE)	1.21	0.0200	1.000	0	121	81.8	116				S
Surr: Dibromofluoromethane	1.28		1.250		102	85.2	113				
Surr: Toluene-d8	1.26		1.250		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.21		1.250		96.7	88.6	109				

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.

Sample ID: **MB-29964** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/9/2020** RunNo: **62467**
Client ID: **MBLKS** Batch ID: **29964** Analysis Date: **10/9/2020** SeqNo: **1253542**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									

Work Order: 2010119
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29964** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/9/2020** RunNo: **62467**
Client ID: **MBLKS** Batch ID: **29964** Analysis Date: **10/9/2020** SeqNo: **1253542**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.21		1.250		97.0	85.2	113				
Surr: Toluene-d8	1.24		1.250		99.1	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		96.4	88.6	109				

Sample ID: **2010119-011BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/9/2020** RunNo: **62467**
Client ID: **B-P33-P35-60-N** Batch ID: **29964** Analysis Date: **10/9/2020** SeqNo: **1253534**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0207						0		30	
1,1-Dichloroethene	ND	0.0207						0		30	
trans-1,2-Dichloroethene	ND	0.0207						0		30	
cis-1,2-Dichloroethene	ND	0.0207						0		30	
Trichloroethene (TCE)	ND	0.0207						0		30	
Tetrachloroethene (PCE)	ND	0.0207						0		30	
Surr: Dibromofluoromethane	1.27		1.296		98.0	85.2	113		0		
Surr: Toluene-d8	1.29		1.296		99.7	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.26		1.296		97.0	88.6	109		0		

Sample ID: **2010119-012BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/9/2020** RunNo: **62467**
Client ID: **B-P31-P35-60-N** Batch ID: **29964** Analysis Date: **10/9/2020** SeqNo: **1253536**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.12	0.0216	1.079	0	104	52.8	150				
1,1-Dichloroethene	1.07	0.0216	1.079	0	99.0	62.9	149				
trans-1,2-Dichloroethene	1.09	0.0216	1.079	0	101	73.1	130				

Work Order: 2010119
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010119-012BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/9/2020** RunNo: **62467**
Client ID: **B-P31-P35-60-N** Batch ID: **29964** Analysis Date: **10/9/2020** SeqNo: **1253536**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	1.06	0.0216	1.079	0	98.6	77.5	125				
Trichloroethene (TCE)	1.06	0.0216	1.079	0	98.3	72	133				
Tetrachloroethene (PCE)	1.07	0.0216	1.079	0	99.2	72.7	128				
Surr: Dibromofluoromethane	1.38		1.349		103	85.2	113				
Surr: Toluene-d8	1.36		1.349		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.30		1.349		96.7	88.6	109				

Sample ID: **2010119-012BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/9/2020** RunNo: **62467**
Client ID: **B-P31-P35-60-N** Batch ID: **29964** Analysis Date: **10/9/2020** SeqNo: **1253537**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.10	0.0216	1.079	0	102	52.8	150	1.122	1.89	30	
1,1-Dichloroethene	1.05	0.0216	1.079	0	96.9	62.9	149	1.068	2.08	30	
trans-1,2-Dichloroethene	1.05	0.0216	1.079	0	97.2	73.1	130	1.094	4.13	30	
cis-1,2-Dichloroethene	1.03	0.0216	1.079	0	95.1	77.5	125	1.064	3.54	30	
Trichloroethene (TCE)	1.03	0.0216	1.079	0	95.4	72	133	1.061	3.00	30	
Tetrachloroethene (PCE)	1.04	0.0216	1.079	0	96.0	72.7	128	1.071	3.24	30	
Surr: Dibromofluoromethane	1.40		1.349		104	85.2	113		0		
Surr: Toluene-d8	1.36		1.349		101	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.34		1.349		99.1	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010119**
Logged by:	**Gabrielle Coeuille**	Date Received:	**10/8/2020 3:13:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☑	No	☐	Not Present ☐
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	0.2

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

DU 160324 10/8/2020 Page: 1 of: 2

Laboratory Project No (internal): 2010119

Special Remarks:

Project Name: Maddux North

Project No: 160324

Collected by: DWU, CED

Location: Maddux North

Report To (PM): A. Yorkofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

PM Email: ayorkofski@aspectconsulting.com

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 443-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	LUFT 8260				Comments
1	SW-P44-62-N	10/7/20	0755	S													X					
2	SW-P42-62-N	↓	0800																			
3	SW-P34-62-N		0820																			
4	SP-P28-P17-65-N	10/8/20	0740																			
5	B-P28-P22-55-N		0835																			
6	B-P24-P22-55-N		0905																			
7	B-P24.5-P21-57-N		1300																			
8	B-P34.25-P35-60-N		1345																			
9	B-P34.25-P37-60-N		1350																			
10	B-P34.25-P39-60-N	↓	1355	↓																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/8/2020 1505	x [signature]	10/9/20 @ 1513
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day (specify)

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/8/20 Page: 2 of: 2
Laboratory Project No (internal): 2010119
Project Name: Maddox North
Special Remarks:
Client: Aspect Consulting
Project No: 160324
Address: 710 2nd Ave, Ste 550
Collected by: DWU, CEB
City, State, Zip: Seattle, WA. 98104
Location: 160324
Telephone: (206) 413-5411
Report To (PM): A. Yorkofski
Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)
Fax:
PM Email: ayorkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Lipids 8260				Comments
1	B-P33-P35-60-N	10/8/20	1405	S													X					
2	B-P31-P35-60-N	↓	1410	↓													↓					
3	Trip Blank	—	—	W													↓					
4																						
5																						
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/8/2020 1505	x [signature]	10/8/20 @ 1513
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:
☐ Standard
☐ 3 Day
☐ 2 Day
☒ Next Day
Same Day ____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010120

October 14, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 2 sample(s) on 10/8/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/14/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010120

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010120-001	SW-P26-57-N	10/08/2020 9:40 AM	10/08/2020 3:13 PM
2010120-002	SW-P30-57-N	10/08/2020 9:30 AM	10/08/2020 3:13 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010120**
Date: **10/14/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010120-001 **Collection Date:** 10/8/2020 9:40:00 AM
Client Sample ID: **SW-P26-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29990		Analyst: KT
Vinyl chloride	ND	0.0208		mg/Kg-dry	1	10/13/2020 11:39:41 PM
1,1-Dichloroethene	ND	0.0208		mg/Kg-dry	1	10/13/2020 11:39:41 PM
trans-1,2-Dichloroethene	ND	0.0208		mg/Kg-dry	1	10/13/2020 11:39:41 PM
cis-1,2-Dichloroethene	ND	0.0208		mg/Kg-dry	1	10/13/2020 11:39:41 PM
Trichloroethene (TCE)	ND	0.0208		mg/Kg-dry	1	10/13/2020 11:39:41 PM
Tetrachloroethene (PCE)	ND	0.0208		mg/Kg-dry	1	10/13/2020 11:39:41 PM
Surr: Dibromofluoromethane	97.3	85.2 - 113		%Rec	1	10/13/2020 11:39:41 PM
Surr: Toluene-d8	95.9	88.5 - 110		%Rec	1	10/13/2020 11:39:41 PM
Surr: 1-Bromo-4-fluorobenzene	93.3	88.6 - 109		%Rec	1	10/13/2020 11:39:41 PM
Sample Moisture (Percent Moisture)				Batch ID: R62452		Analyst: LB
Percent Moisture	15.4	0.500		wt%	1	10/9/2020 12:17:39 PM

Lab ID: 2010120-002 **Collection Date:** 10/8/2020 9:30:00 AM
Client Sample ID: **SW-P30-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29990		Analyst: KT
Vinyl chloride	ND	0.0222		mg/Kg-dry	1	10/14/2020 12:10:12 AM
1,1-Dichloroethene	ND	0.0222		mg/Kg-dry	1	10/14/2020 12:10:12 AM
trans-1,2-Dichloroethene	ND	0.0222		mg/Kg-dry	1	10/14/2020 12:10:12 AM
cis-1,2-Dichloroethene	ND	0.0222		mg/Kg-dry	1	10/14/2020 12:10:12 AM
Trichloroethene (TCE)	ND	0.0222		mg/Kg-dry	1	10/14/2020 12:10:12 AM
Tetrachloroethene (PCE)	ND	0.0222		mg/Kg-dry	1	10/14/2020 12:10:12 AM
Surr: Dibromofluoromethane	96.1	85.2 - 113		%Rec	1	10/14/2020 12:10:12 AM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/14/2020 12:10:12 AM
Surr: 1-Bromo-4-fluorobenzene	95.9	88.6 - 109		%Rec	1	10/14/2020 12:10:12 AM
Sample Moisture (Percent Moisture)				Batch ID: R62452		Analyst: LB
Percent Moisture	15.7	0.500		wt%	1	10/9/2020 12:17:39 PM

Analytical Report

Work Order: **2010120**
Date Reported: **10/14/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Work Order: 2010120
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29990** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/13/2020** RunNo: **62540**
Client ID: **LCSS** Batch ID: **29990** Analysis Date: **10/13/2020** SeqNo: **1254939**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.938	0.0200	1.000	0	93.8	66	131				
1,1-Dichloroethene	1.00	0.0200	1.000	0	100	63.4	139				
trans-1,2-Dichloroethene	1.02	0.0200	1.000	0	102	80.5	116				
cis-1,2-Dichloroethene	1.03	0.0200	1.000	0	103	81.8	114				
Trichloroethene (TCE)	1.02	0.0200	1.000	0	102	80.8	117				
Tetrachloroethene (PCE)	0.926	0.0200	1.000	0	92.6	81.8	116				
Surr: Dibromofluoromethane	1.31		1.250		105	85.2	113				
Surr: Toluene-d8	1.16		1.250		92.5	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.27		1.250		102	88.6	109				

Sample ID: **MB-29990** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/13/2020** RunNo: **62540**
Client ID: **MBLKS** Batch ID: **29990** Analysis Date: **10/13/2020** SeqNo: **1254940**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.21		1.250		96.7	85.2	113				
Surr: Toluene-d8	1.21		1.250		96.8	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		96.1	88.6	109				

Sample ID: **2010087-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/13/2020** RunNo: **62540**
Client ID: **BATCH** Batch ID: **29990** Analysis Date: **10/13/2020** SeqNo: **1254916**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0213						0		30	

Work Order: 2010120
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010087-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/13/2020** RunNo: **62540**
Client ID: **BATCH** Batch ID: **29990** Analysis Date: **10/13/2020** SeqNo: **1254916**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0213						0		30	
trans-1,2-Dichloroethene	ND	0.0213						0		30	
cis-1,2-Dichloroethene	ND	0.0213						0		30	
Trichloroethene (TCE)	ND	0.0213						0		30	
Tetrachloroethene (PCE)	ND	0.0213						0		30	
Surr: Dibromofluoromethane	1.29		1.330		97.3	85.2	113		0		
Surr: Toluene-d8	1.29		1.330		97.3	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.26		1.330		94.9	88.6	109		0		

Sample ID: **2010117-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/13/2020** RunNo: **62540**
Client ID: **BATCH** Batch ID: **29990** Analysis Date: **10/13/2020** SeqNo: **1254918**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0256						0		30	H
1,1-Dichloroethene	ND	0.0256						0		30	H
trans-1,2-Dichloroethene	ND	0.0256						0		30	H
cis-1,2-Dichloroethene	ND	0.0256						0		30	H
Trichloroethene (TCE)	ND	0.0256						0		30	H
Tetrachloroethene (PCE)	ND	0.0256						0		30	H
Surr: Dibromofluoromethane	1.55		1.602		96.5	85.2	113		0		H
Surr: Toluene-d8	1.54		1.602		96.1	88.5	110		0		H
Surr: 1-Bromo-4-fluorobenzene	1.56		1.602		97.3	88.6	109		0		H

Sample ID: **2010117-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/13/2020** RunNo: **62540**
Client ID: **BATCH** Batch ID: **29990** Analysis Date: **10/14/2020** SeqNo: **1254920**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.23	0.0249	1.244	0	98.8	52.8	150				H
1,1-Dichloroethene	1.30	0.0249	1.244	0	105	62.9	149				H

Work Order: 2010120
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010117-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/13/2020** RunNo: **62540**
Client ID: **BATCH** Batch ID: **29990** Analysis Date: **10/14/2020** SeqNo: **1254920**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.26	0.0249	1.244	0	101	73.1	130				H
cis-1,2-Dichloroethene	1.26	0.0249	1.244	0	102	77.5	125				H
Trichloroethene (TCE)	1.32	0.0249	1.244	0	106	72	133				H
Tetrachloroethene (PCE)	1.18	0.0249	1.244	0	94.7	72.7	128				H
Surr: Dibromofluoromethane	1.57		1.555		101	85.2	113				H
Surr: Toluene-d8	1.54		1.555		99.3	88.5	110				H
Surr: 1-Bromo-4-fluorobenzene	1.56		1.555		100	88.6	109				H

Sample ID: **2010117-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/13/2020** RunNo: **62540**
Client ID: **BATCH** Batch ID: **29990** Analysis Date: **10/14/2020** SeqNo: **1254921**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.29	0.0249	1.244	0	103	52.8	150	1.229	4.53	30	H
1,1-Dichloroethene	1.43	0.0249	1.244	0	115	62.9	149	1.301	9.56	30	H
trans-1,2-Dichloroethene	1.31	0.0249	1.244	0	105	73.1	130	1.262	3.54	30	H
cis-1,2-Dichloroethene	1.31	0.0249	1.244	0	105	77.5	125	1.263	3.36	30	H
Trichloroethene (TCE)	1.44	0.0249	1.244	0	116	72	133	1.319	8.57	30	H
Tetrachloroethene (PCE)	1.35	0.0249	1.244	0	109	72.7	128	1.177	14.0	30	H
Surr: Dibromofluoromethane	1.59		1.555		102	85.2	113		0		H
Surr: Toluene-d8	1.70		1.555		109	88.5	110		0		H
Surr: 1-Bromo-4-fluorobenzene	1.54		1.555		99.1	88.6	109		0		H

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010120**
Logged by:	**Gabrielle Coeuille**	Date Received:	**10/8/2020 3:13:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☑	No	☐	Not Present ☐
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	0.2

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/18/2020 | Page: 1 of: 1 | Laboratory Project No (internal): 2010120

Project Name: Muddux North | Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste. 550

Collected by: DWU, CEB

City, State, Zip: Seattle, WA, 98104

Location: Muddux North

Telephone: (206) 413-5411

Report To (PM): A. Yonkofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Hold	Comments
1	SW-P26-57-N	10/18/20	0940	S													X		
2	SW-P30-57-N	↓	0930	↓													X		
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/18/2020 1505	x [signature]	10/19/20 @ 1513
Relinquished	Date/Time	Received	Date/Time
x		x	

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/8/2020 | Page: 1 of: 1 | Laboratory Project No (internal): 2010120

Project Name: Maddux North | Special Remarks:

Client: Aspect Consulting
Address: 710 2nd Ave, Ste. 550
City, State, Zip: Seattle, WA, 98104
Telephone: (206) 413-5411
Fax:

Project No: 160324
Collected by: DWU, CEB
Location: Maddux North
Report To (PM): A. Yonkofski
PM Email: ayonkofski@aspectconsulting.com

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Hold	cVOCs by 8260		Comments
1	SW-P26-57-N	10/8/20	0940	S															X	X		Analysis and 3-day TAT requested 10/08/2020 by AY
2	SW-P30-57-N	↓	0930	↓															X	X		
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
- ☒ Standard
- ☒ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/8/2020 1505	x [signature]	10/9/20 @ 1513
x		x	

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010160

October 13, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 11 sample(s) on 10/12/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/13/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010160

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010160-001	SW-P46-62-N	10/09/2020 8:03 AM	10/12/2020 8:11 AM
2010160-002	SW-P44-57-N	10/09/2020 8:20 AM	10/12/2020 8:11 AM
2010160-003	SW-P42-57-N	10/09/2020 8:23 AM	10/12/2020 8:11 AM
2010160-004	B-P34.25-P41-56-N	10/09/2020 8:30 AM	10/12/2020 8:11 AM
2010160-005	B-P34.25-P43-56-N	10/09/2020 8:30 AM	10/12/2020 8:11 AM
2010160-006	SW-P34-61-N	10/09/2020 9:40 AM	10/12/2020 8:11 AM
2010160-007	SW-P32-61-N	10/09/2020 9:45 AM	10/12/2020 8:11 AM
2010160-008	SW-P16-62-N	10/09/2020 10:55 AM	10/12/2020 8:11 AM
2010160-009	SW-P14-62-N	10/09/2020 11:00 AM	10/12/2020 8:11 AM
2010160-010	SW-P12-62-N	10/09/2020 11:05 AM	10/12/2020 8:11 AM
2010160-011	B-P33-P37-60N	10/09/2020 1:10 PM	10/12/2020 8:11 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2010160**
Date: **10/13/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010160-001 **Collection Date:** 10/9/2020 8:03:00 AM
Client Sample ID: **SW-P46-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29985		Analyst: CR
Vinyl chloride	ND	0.0127		mg/Kg-dry	1	10/13/2020 3:29:32 AM
1,1-Dichloroethene	ND	0.0127		mg/Kg-dry	1	10/13/2020 3:29:32 AM
trans-1,2-Dichloroethene	ND	0.0127		mg/Kg-dry	1	10/13/2020 3:29:32 AM
cis-1,2-Dichloroethene	ND	0.0127		mg/Kg-dry	1	10/13/2020 3:29:32 AM
Trichloroethene (TCE)	0.0156	0.0127		mg/Kg-dry	1	10/13/2020 3:29:32 AM
Tetrachloroethene (PCE)	0.947	0.0127		mg/Kg-dry	1	10/13/2020 3:29:32 AM
Surr: Dibromofluoromethane	85.9	85.2 - 113		%Rec	1	10/13/2020 3:29:32 AM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/13/2020 3:29:32 AM
Surr: 1-Bromo-4-fluorobenzene	97.7	88.6 - 109		%Rec	1	10/13/2020 3:29:32 AM
Sample Moisture (Percent Moisture)				Batch ID: R62484		Analyst: RL
Percent Moisture	19.3	0.500		wt%	1	10/12/2020 11:57:38 AM

Lab ID: 2010160-002 **Collection Date:** 10/9/2020 8:20:00 AM
Client Sample ID: **SW-P44-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29985		Analyst: CR
Vinyl chloride	ND	0.0206		mg/Kg-dry	1	10/13/2020 4:00:22 AM
1,1-Dichloroethene	ND	0.0206		mg/Kg-dry	1	10/13/2020 4:00:22 AM
trans-1,2-Dichloroethene	ND	0.0206		mg/Kg-dry	1	10/13/2020 4:00:22 AM
cis-1,2-Dichloroethene	ND	0.0206		mg/Kg-dry	1	10/13/2020 4:00:22 AM
Trichloroethene (TCE)	ND	0.0206		mg/Kg-dry	1	10/13/2020 4:00:22 AM
Tetrachloroethene (PCE)	1.74	0.0206		mg/Kg-dry	1	10/13/2020 4:00:22 AM
Surr: Dibromofluoromethane	88.3	85.2 - 113		%Rec	1	10/13/2020 4:00:22 AM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/13/2020 4:00:22 AM
Surr: 1-Bromo-4-fluorobenzene	97.9	88.6 - 109		%Rec	1	10/13/2020 4:00:22 AM
Sample Moisture (Percent Moisture)				Batch ID: R62484		Analyst: RL
Percent Moisture	16.1	0.500		wt%	1	10/12/2020 11:57:38 AM

Analytical Report

Work Order: **2010160**
Date Reported: **10/13/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010160-003 **Collection Date:** 10/9/2020 8:23:00 AM
Client Sample ID: **SW-P42-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29985		Analyst: CR
Vinyl chloride	ND	0.0179		mg/Kg-dry	1	10/13/2020 4:31:21 AM
1,1-Dichloroethene	ND	0.0179		mg/Kg-dry	1	10/13/2020 4:31:21 AM
trans-1,2-Dichloroethene	ND	0.0179		mg/Kg-dry	1	10/13/2020 4:31:21 AM
cis-1,2-Dichloroethene	ND	0.0179		mg/Kg-dry	1	10/13/2020 4:31:21 AM
Trichloroethene (TCE)	ND	0.0179		mg/Kg-dry	1	10/13/2020 4:31:21 AM
Tetrachloroethene (PCE)	ND	0.0179		mg/Kg-dry	1	10/13/2020 4:31:21 AM
Surr: Dibromofluoromethane	84.0	85.2 - 113	S	%Rec	1	10/13/2020 4:31:21 AM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/13/2020 4:31:21 AM
Surr: 1-Bromo-4-fluorobenzene	98.9	88.6 - 109		%Rec	1	10/13/2020 4:31:21 AM

NOTES:
S - Outlying surrogate recovery(ies) observed.

Sample Moisture (Percent Moisture)				Batch ID: R62484		Analyst: RL
Percent Moisture	10.6	0.500		wt%	1	10/12/2020 11:57:38 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010160-004 **Collection Date:** 10/9/2020 8:30:00 AM
Client Sample ID: **B-P34.25-P41-56-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29985		Analyst: CR
Vinyl chloride	ND	0.0179		mg/Kg-dry	1	10/13/2020 5:02:12 AM
1,1-Dichloroethene	ND	0.0179		mg/Kg-dry	1	10/13/2020 5:02:12 AM
trans-1,2-Dichloroethene	ND	0.0179		mg/Kg-dry	1	10/13/2020 5:02:12 AM
cis-1,2-Dichloroethene	ND	0.0179		mg/Kg-dry	1	10/13/2020 5:02:12 AM
Trichloroethene (TCE)	ND	0.0179		mg/Kg-dry	1	10/13/2020 5:02:12 AM
Tetrachloroethene (PCE)	ND	0.0179		mg/Kg-dry	1	10/13/2020 5:02:12 AM
Surr: Dibromofluoromethane	92.8	85.2 - 113		%Rec	1	10/13/2020 5:02:12 AM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/13/2020 5:02:12 AM
Surr: 1-Bromo-4-fluorobenzene	97.7	88.6 - 109		%Rec	1	10/13/2020 5:02:12 AM
Sample Moisture (Percent Moisture)				Batch ID: R62484		Analyst: RL
Percent Moisture	13.8	0.500		wt%	1	10/12/2020 11:57:38 AM

Lab ID: 2010160-005 **Collection Date:** 10/9/2020 8:30:00 AM
Client Sample ID: **B-P34.25-P43-56-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29985		Analyst: CR
Vinyl chloride	ND	0.0161		mg/Kg-dry	1	10/13/2020 5:33:05 AM
1,1-Dichloroethene	ND	0.0161		mg/Kg-dry	1	10/13/2020 5:33:05 AM
trans-1,2-Dichloroethene	ND	0.0161		mg/Kg-dry	1	10/13/2020 5:33:05 AM
cis-1,2-Dichloroethene	ND	0.0161		mg/Kg-dry	1	10/13/2020 5:33:05 AM
Trichloroethene (TCE)	ND	0.0161		mg/Kg-dry	1	10/13/2020 5:33:05 AM
Tetrachloroethene (PCE)	ND	0.0161		mg/Kg-dry	1	10/13/2020 5:33:05 AM
Surr: Dibromofluoromethane	85.7	85.2 - 113		%Rec	1	10/13/2020 5:33:05 AM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/13/2020 5:33:05 AM
Surr: 1-Bromo-4-fluorobenzene	98.7	88.6 - 109		%Rec	1	10/13/2020 5:33:05 AM
Sample Moisture (Percent Moisture)				Batch ID: R62484		Analyst: RL
Percent Moisture	16.2	0.500		wt%	1	10/12/2020 11:57:38 AM

Analytical Report

Work Order: **2010160**
Date Reported: **10/13/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010160-006 **Collection Date:** 10/9/2020 9:40:00 AM
Client Sample ID: **SW-P34-61-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29985		Analyst: CR
Vinyl chloride	ND	0.0199		mg/Kg-dry	1	10/13/2020 6:03:57 AM
1,1-Dichloroethene	ND	0.0199		mg/Kg-dry	1	10/13/2020 6:03:57 AM
trans-1,2-Dichloroethene	ND	0.0199		mg/Kg-dry	1	10/13/2020 6:03:57 AM
cis-1,2-Dichloroethene	ND	0.0199		mg/Kg-dry	1	10/13/2020 6:03:57 AM
Trichloroethene (TCE)	ND	0.0199		mg/Kg-dry	1	10/13/2020 6:03:57 AM
Tetrachloroethene (PCE)	ND	0.0199		mg/Kg-dry	1	10/13/2020 6:03:57 AM
Surr: Dibromofluoromethane	86.3	85.2 - 113		%Rec	1	10/13/2020 6:03:57 AM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/13/2020 6:03:57 AM
Surr: 1-Bromo-4-fluorobenzene	97.8	88.6 - 109		%Rec	1	10/13/2020 6:03:57 AM
Sample Moisture (Percent Moisture)				Batch ID: R62484		Analyst: RL
Percent Moisture	19.4	0.500		wt%	1	10/12/2020 11:57:38 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010160-007 **Collection Date:** 10/9/2020 9:45:00 AM
Client Sample ID: **SW-P32-61-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29985		Analyst: CR
Vinyl chloride	ND	0.0205		mg/Kg-dry	1	10/12/2020 6:17:02 PM
1,1-Dichloroethene	ND	0.0205		mg/Kg-dry	1	10/12/2020 6:17:02 PM
trans-1,2-Dichloroethene	ND	0.0205		mg/Kg-dry	1	10/12/2020 6:17:02 PM
cis-1,2-Dichloroethene	ND	0.0205		mg/Kg-dry	1	10/12/2020 6:17:02 PM
Trichloroethene (TCE)	ND	0.0205		mg/Kg-dry	1	10/12/2020 6:17:02 PM
Tetrachloroethene (PCE)	0.0293	0.0205		mg/Kg-dry	1	10/12/2020 6:17:02 PM
Surr: Dibromofluoromethane	96.5	85.2 - 113		%Rec	1	10/12/2020 6:17:02 PM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/12/2020 6:17:02 PM
Surr: 1-Bromo-4-fluorobenzene	97.6	88.6 - 109		%Rec	1	10/12/2020 6:17:02 PM
Sample Moisture (Percent Moisture)				Batch ID: R62484		Analyst: RL
Percent Moisture	17.0	0.500		wt%	1	10/12/2020 11:57:38 AM

Lab ID: 2010160-008 **Collection Date:** 10/9/2020 10:55:00 AM
Client Sample ID: **SW-P16-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29985		Analyst: CR
Vinyl chloride	ND	0.0241		mg/Kg-dry	1	10/13/2020 6:34:43 AM
1,1-Dichloroethene	ND	0.0241		mg/Kg-dry	1	10/13/2020 6:34:43 AM
trans-1,2-Dichloroethene	ND	0.0241		mg/Kg-dry	1	10/13/2020 6:34:43 AM
cis-1,2-Dichloroethene	0.226	0.0241		mg/Kg-dry	1	10/13/2020 6:34:43 AM
Trichloroethene (TCE)	0.251	0.0241		mg/Kg-dry	1	10/13/2020 6:34:43 AM
Tetrachloroethene (PCE)	1.88	0.0241		mg/Kg-dry	1	10/13/2020 6:34:43 AM
Surr: Dibromofluoromethane	86.3	85.2 - 113		%Rec	1	10/13/2020 6:34:43 AM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/13/2020 6:34:43 AM
Surr: 1-Bromo-4-fluorobenzene	98.1	88.6 - 109		%Rec	1	10/13/2020 6:34:43 AM
Sample Moisture (Percent Moisture)				Batch ID: R62484		Analyst: RL
Percent Moisture	21.0	0.500		wt%	1	10/12/2020 11:57:38 AM

Analytical Report

Work Order: **2010160**
Date Reported: **10/13/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010160-009 **Collection Date:** 10/9/2020 11:00:00 AM
Client Sample ID: **SW-P14-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29985		Analyst: CR
Vinyl chloride	ND	0.0188		mg/Kg-dry	1	10/13/2020 7:05:34 AM
1,1-Dichloroethene	ND	0.0188		mg/Kg-dry	1	10/13/2020 7:05:34 AM
trans-1,2-Dichloroethene	ND	0.0188		mg/Kg-dry	1	10/13/2020 7:05:34 AM
cis-1,2-Dichloroethene	ND	0.0188		mg/Kg-dry	1	10/13/2020 7:05:34 AM
Trichloroethene (TCE)	ND	0.0188		mg/Kg-dry	1	10/13/2020 7:05:34 AM
Tetrachloroethene (PCE)	ND	0.0188		mg/Kg-dry	1	10/13/2020 7:05:34 AM
Surr: Dibromofluoromethane	89.1	85.2 - 113		%Rec	1	10/13/2020 7:05:34 AM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/13/2020 7:05:34 AM
Surr: 1-Bromo-4-fluorobenzene	97.8	88.6 - 109		%Rec	1	10/13/2020 7:05:34 AM
Sample Moisture (Percent Moisture)				Batch ID: R62484		Analyst: RL
Percent Moisture	17.3	0.500		wt%	1	10/12/2020 11:57:38 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010160-010 **Collection Date:** 10/9/2020 11:05:00 AM
Client Sample ID: **SW-P12-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29985		Analyst: CR
Vinyl chloride	ND	0.0213		mg/Kg-dry	1	10/13/2020 7:36:30 AM
1,1-Dichloroethene	ND	0.0213		mg/Kg-dry	1	10/13/2020 7:36:30 AM
trans-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	10/13/2020 7:36:30 AM
cis-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	10/13/2020 7:36:30 AM
Trichloroethene (TCE)	ND	0.0213		mg/Kg-dry	1	10/13/2020 7:36:30 AM
Tetrachloroethene (PCE)	ND	0.0213		mg/Kg-dry	1	10/13/2020 7:36:30 AM
Surr: Dibromofluoromethane	77.7	85.2 - 113	S	%Rec	1	10/13/2020 7:36:30 AM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/13/2020 7:36:30 AM
Surr: 1-Bromo-4-fluorobenzene	97.6	88.6 - 109		%Rec	1	10/13/2020 7:36:30 AM
Sample Moisture (Percent Moisture)				Batch ID: R62484		Analyst: RL
Percent Moisture	15.6	0.500		wt%	1	10/12/2020 11:57:38 AM

NOTES:
S - Outlying surrogate recovery(ies) observed.

Lab ID: 2010160-011 **Collection Date:** 10/9/2020 1:10:00 PM
Client Sample ID: **B-P33-P37-60N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29985		Analyst: CR
Vinyl chloride	ND	0.0227		mg/Kg-dry	1	10/12/2020 7:18:10 PM
1,1-Dichloroethene	ND	0.0227		mg/Kg-dry	1	10/12/2020 7:18:10 PM
trans-1,2-Dichloroethene	ND	0.0227		mg/Kg-dry	1	10/12/2020 7:18:10 PM
cis-1,2-Dichloroethene	ND	0.0227		mg/Kg-dry	1	10/12/2020 7:18:10 PM
Trichloroethene (TCE)	ND	0.0227		mg/Kg-dry	1	10/12/2020 7:18:10 PM
Tetrachloroethene (PCE)	ND	0.0227		mg/Kg-dry	1	10/12/2020 7:18:10 PM
Surr: Dibromofluoromethane	94.8	85.2 - 113		%Rec	1	10/12/2020 7:18:10 PM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/12/2020 7:18:10 PM
Surr: 1-Bromo-4-fluorobenzene	98.4	88.6 - 109		%Rec	1	10/12/2020 7:18:10 PM
Sample Moisture (Percent Moisture)				Batch ID: R62484		Analyst: RL
Percent Moisture	20.1	0.500		wt%	1	10/12/2020 11:57:38 AM

CLIENT: Aspect Consulting
Project: Maddux North

Work Order: 2010160
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29985** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/12/2020** RunNo: **62494**
Client ID: **LCSS** Batch ID: **29985** Analysis Date: **10/12/2020** SeqNo: **1254040**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.966	0.0200	1.000	0	96.6	66	131				
1,1-Dichloroethene	1.09	0.0200	1.000	0	109	63.4	139				
trans-1,2-Dichloroethene	1.06	0.0200	1.000	0	106	80.5	116				
cis-1,2-Dichloroethene	1.04	0.0200	1.000	0	104	81.8	114				
Trichloroethene (TCE)	1.06	0.0200	1.000	0	106	80.8	117				
Tetrachloroethene (PCE)	1.00	0.0200	1.000	0	100	81.8	116				
Surr: Dibromofluoromethane	1.25		1.250		99.9	85.2	113				
Surr: Toluene-d8	1.28		1.250		103	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.28		1.250		103	88.6	109				

Sample ID: **MB-29985** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/12/2020** RunNo: **62494**
Client ID: **MBLKS** Batch ID: **29985** Analysis Date: **10/12/2020** SeqNo: **1254041**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.21		1.250		96.8	85.2	113				
Surr: Toluene-d8	1.26		1.250		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.23		1.250		98.5	88.6	109				

Sample ID: **2010131-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/12/2020** RunNo: **62494**
Client ID: **BATCH** Batch ID: **29985** Analysis Date: **10/12/2020** SeqNo: **1254038**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0162						0		30	

Work Order: 2010160
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010131-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/12/2020** RunNo: **62494**
Client ID: **BATCH** Batch ID: **29985** Analysis Date: **10/12/2020** SeqNo: **1254038**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0162						0		30	
trans-1,2-Dichloroethene	ND	0.0162						0		30	
cis-1,2-Dichloroethene	ND	0.0162						0		30	
Trichloroethene (TCE)	ND	0.0162						0		30	
Tetrachloroethene (PCE)	ND	0.0162						0		30	
Surr: Dibromofluoromethane	1.02		1.015		100	85.2	113		0		
Surr: Toluene-d8	1.03		1.015		102	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	0.993		1.015		97.8	88.6	109		0		

Sample ID: **2010160-007BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/12/2020** RunNo: **62494**
Client ID: **SW-P32-61-N** Batch ID: **29985** Analysis Date: **10/12/2020** SeqNo: **1254556**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0205						0		30	
1,1-Dichloroethene	ND	0.0205						0		30	
trans-1,2-Dichloroethene	ND	0.0205						0		30	
cis-1,2-Dichloroethene	ND	0.0205						0		30	
Trichloroethene (TCE)	ND	0.0205						0		30	
Tetrachloroethene (PCE)	0.0308	0.0205						0.02932	4.92	30	
Surr: Dibromofluoromethane	1.22		1.279		95.3	85.2	113		0		
Surr: Toluene-d8	1.31		1.279		102	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.26		1.279		98.7	88.6	109		0		

Sample ID: **2010160-011BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/12/2020** RunNo: **62494**
Client ID: **B-P33-P37-60N** Batch ID: **29985** Analysis Date: **10/12/2020** SeqNo: **1254561**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.21	0.0227	1.133	0	107	52.8	150				
1,1-Dichloroethene	1.63	0.0227	1.133	0	144	62.9	149				

Work Order: 2010160
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010160-011BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/12/2020** RunNo: **62494**
Client ID: **B-P33-P37-60N** Batch ID: **29985** Analysis Date: **10/12/2020** SeqNo: **1254561**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.23	0.0227	1.133	0	109	73.1	130				
cis-1,2-Dichloroethene	1.23	0.0227	1.133	0	109	77.5	125				
Trichloroethene (TCE)	1.26	0.0227	1.133	0	111	72	133				
Tetrachloroethene (PCE)	1.20	0.0227	1.133	0	106	72.7	128				
Surr: Dibromofluoromethane	1.31		1.416		92.3	85.2	113				
Surr: Toluene-d8	1.48		1.416		104	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.46		1.416		103	88.6	109				

Sample ID: **2010160-011BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/12/2020** RunNo: **62494**
Client ID: **B-P33-P37-60N** Batch ID: **29985** Analysis Date: **10/12/2020** SeqNo: **1254562**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.18	0.0227	1.133	0	104	52.8	150	1.210	2.53	30	
1,1-Dichloroethene	1.57	0.0227	1.133	0	138	62.9	149	1.634	4.07	30	
trans-1,2-Dichloroethene	1.26	0.0227	1.133	0	111	73.1	130	1.232	2.30	30	
cis-1,2-Dichloroethene	1.23	0.0227	1.133	0	108	77.5	125	1.230	0.208	30	
Trichloroethene (TCE)	1.25	0.0227	1.133	0	111	72	133	1.255	0.262	30	
Tetrachloroethene (PCE)	1.18	0.0227	1.133	0	104	72.7	128	1.204	1.76	30	
Surr: Dibromofluoromethane	1.39		1.416		98.2	85.2	113		0		
Surr: Toluene-d8	1.47		1.416		104	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.45		1.416		102	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010160**
Logged by:	**Gabrielle Coeuille**	Date Received:	**10/12/2020 8:11:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	4.6

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/9/2020 Page: 1 of:

Laboratory Project No (internal): 2010160

Project Name: Maddux North

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste 550

Collected by: RAC, AY

City, State, Zip: Seattle, WA 98104

Location: Maddux North

Telephone: (206) 413-5411

Report To (PM): A. Yankofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: (RC) ~~ak~~ ayankofski@aspectconsulting.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260				Comments
1 SW-P46-62-N	10/9/20	0803	S													X					
2 SW-P44-57-N		0820																			
3 SW-P42-57-N		0823																			
4 B-P34.75-P41-56-N		0830																			
5 B-P34.25-P43-56-N		0833																			
6 SW-P34-61-N		0940																			
7 SW-P32-61-N		0945																			
8 SW-P16-62-N		1055																			
9 SW-~~P16~~ P14 (RC)-62-N		1100																			
10 SW-P12-62-N		1105																			

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard
☐ 3 Day
☐ 2 Day
☒ Next Day
Same Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Rachel C	10/9/20 1530	x AY	10/9/20 1530
x AY	10/12/20 0810	x Heather Coelli	10/12 8:11

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/9/2020 Page: 2 of: 2

Laboratory Project No (internal): 2010160

Special Remarks:

Project Name: Maddux North

Project No: 160324

Client: Aspect Consulting

Address: 710 2nd Ave, Ste 550

City, State, Zip: Seattle, WA 98104

Telephone: (206) 413-5411

Fax:

Collected by: RAC/AY

Location: Maddux North

Report To (PM): A. Yankofski

PM Email: ayankofski@aspectconsulting.com

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	CVOCs 8260			Comments
1	B-P33-P37-60N	10/9/20	1310	S													X				
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	10/9/20 1530	x	10/9/20 1530
x	10/9/20 1530	x	10/12/20 08:11

Turn-around Time:
- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day ____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010183

October 16, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 1 sample(s) on 10/13/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/16/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010183

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010183-001	SW-P10B-66-N	10/12/2020 11:55 AM	10/13/2020 9:08 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2010183**
Date: **10/16/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010183**
Date Reported: **10/16/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010183-001 **Collection Date:** 10/12/2020 11:55:00 AM
Client Sample ID: **SW-P10B-66-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30000		Analyst: DW
Diesel (Fuel Oil)	ND	23.9		mg/Kg-dry	1	10/14/2020 5:09:59 AM
Heavy Oil	ND	59.7		mg/Kg-dry	1	10/14/2020 5:09:59 AM
Surr: 2-Fluorobiphenyl	80.5	50 - 150		%Rec	1	10/14/2020 5:09:59 AM
Surr: o-Terphenyl	76.7	50 - 150		%Rec	1	10/14/2020 5:09:59 AM
Gasoline by NWTPH-Gx				Batch ID: 29990		Analyst: KT
Gasoline	ND	5.21		mg/Kg-dry	1	10/14/2020 12:40:39 AM
Surr: Toluene-d8	103	65 - 135		%Rec	1	10/14/2020 12:40:39 AM
Surr: 4-Bromofluorobenzene	94.2	65 - 135		%Rec	1	10/14/2020 12:40:39 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29990		Analyst: KT
Vinyl chloride	ND	0.0208		mg/Kg-dry	1	10/14/2020 12:40:39 AM
1,1-Dichloroethene	ND	0.0208		mg/Kg-dry	1	10/14/2020 12:40:39 AM
trans-1,2-Dichloroethene	ND	0.0208		mg/Kg-dry	1	10/14/2020 12:40:39 AM
cis-1,2-Dichloroethene	ND	0.0208		mg/Kg-dry	1	10/14/2020 12:40:39 AM
Benzene	ND	0.0208		mg/Kg-dry	1	10/14/2020 12:40:39 AM
Trichloroethene (TCE)	ND	0.0208		mg/Kg-dry	1	10/14/2020 12:40:39 AM
Toluene	ND	0.0208		mg/Kg-dry	1	10/14/2020 12:40:39 AM
Tetrachloroethene (PCE)	ND	0.0208		mg/Kg-dry	1	10/14/2020 12:40:39 AM
Ethylbenzene	ND	0.0260		mg/Kg-dry	1	10/14/2020 12:40:39 AM
m,p-Xylene	ND	0.0521		mg/Kg-dry	1	10/14/2020 12:40:39 AM
o-Xylene	ND	0.0260		mg/Kg-dry	1	10/14/2020 12:40:39 AM
Surr: Dibromofluoromethane	96.4	85.2 - 113		%Rec	1	10/14/2020 12:40:39 AM
Surr: Toluene-d8	95.5	88.5 - 110		%Rec	1	10/14/2020 12:40:39 AM
Surr: 1-Bromo-4-fluorobenzene	96.1	88.6 - 109		%Rec	1	10/14/2020 12:40:39 AM
Sample Moisture (Percent Moisture)				Batch ID: R62556		Analyst: RL
Percent Moisture	19.3	0.500		wt%	1	10/14/2020 2:31:56 PM

Work Order: 2010183
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-30000**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/13/2020**	RunNo: **62542**
Client ID: **MBLKS**	Batch ID: **30000**		Analysis Date: **10/13/2020**	SeqNo: **1254950**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	15.7		20.00		78.5	50	150				
Surr: o-Terphenyl	14.6		20.00		73.2	50	150				

Sample ID: **LCS-30000**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/13/2020**	RunNo: **62542**
Client ID: **LCSS**	Batch ID: **30000**		Analysis Date: **10/13/2020**	SeqNo: **1254951**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	406	20.0	500.0	0	81.2	65	135				
Surr: 2-Fluorobiphenyl	17.2		20.00		86.0	50	150				
Surr: o-Terphenyl	17.2		20.00		86.2	50	150				

Sample ID: **2010183-001ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/13/2020**	RunNo: **62542**
Client ID: **SW-P10B-66-N**	Batch ID: **30000**		Analysis Date: **10/14/2020**	SeqNo: **1254978**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	24.2						0		30	
Heavy Oil	ND	60.4						0		30	
Surr: 2-Fluorobiphenyl	19.6		24.17		81.0	50	150		0		
Surr: o-Terphenyl	18.7		24.17		77.3	50	150		0		

Sample ID: **2010156-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **10/13/2020**	RunNo: **62542**
Client ID: **BATCH**	Batch ID: **30000**		Analysis Date: **10/14/2020**	SeqNo: **1254980**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	437	22.9	573.7	4.455	75.4	65	135				
Surr: 2-Fluorobiphenyl	19.3		22.95		84.0	50	150				
Surr: o-Terphenyl	20.4		22.95		89.0	50	150				

Work Order: 2010183
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2010156-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **10/13/2020**	RunNo: **62542**
Client ID: **BATCH**	Batch ID: **30000**		Analysis Date: **10/14/2020**	SeqNo: **1254980**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2010156-001AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **10/13/2020**	RunNo: **62542**
Client ID: **BATCH**	Batch ID: **30000**		Analysis Date: **10/14/2020**	SeqNo: **1254981**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	466	22.9	572.0	4.455	80.7	65	135	436.9	6.42	30	
Surr: 2-Fluorobiphenyl	18.8		22.88		82.0	50	150		0		
Surr: o-Terphenyl	19.0		22.88		82.8	50	150		0		

Work Order: 2010183
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-29990** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/13/2020** RunNo: **62547**
Client ID: **LCSS** Batch ID: **29990** Analysis Date: **10/13/2020** SeqNo: **1255137**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	26.5	5.00	25.00	0	106	65	135				
Surr: Toluene-d8	1.29		1.250		103	65	135				
Surr: 4-Bromofluorobenzene	1.21		1.250		97.0	65	135				

Sample ID: **MB-29990** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/13/2020** RunNo: **62547**
Client ID: **MBLKS** Batch ID: **29990** Analysis Date: **10/13/2020** SeqNo: **1255138**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.29		1.250		103	65	135				
Surr: 4-Bromofluorobenzene	1.18		1.250		94.2	65	135				

Sample ID: **2010087-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/13/2020** RunNo: **62547**
Client ID: **BATCH** Batch ID: **29990** Analysis Date: **10/13/2020** SeqNo: **1255119**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.32						0		30	
Surr: Toluene-d8	1.38		1.330		104	65	135		0		
Surr: 4-Bromofluorobenzene	1.24		1.330		93.0	65	135		0		

Sample ID: **2010087-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/13/2020** RunNo: **62547**
Client ID: **BATCH** Batch ID: **29990** Analysis Date: **10/13/2020** SeqNo: **1255121**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	26.0	4.74	23.71	0	110	65	135				
Surr: Toluene-d8	1.24		1.185		105	65	135				
Surr: 4-Bromofluorobenzene	1.13		1.185		95.3	65	135				

Work Order: 2010183
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2010087-002BMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **10/13/2020**	RunNo: **62547**
Client ID: **BATCH**	Batch ID: **29990**		Analysis Date: **10/13/2020**	SeqNo: **1255122**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	21.4	4.74	23.71	0	90.2	65	135	25.96	19.4	30	
Surr: Toluene-d8	1.22		1.185		103	65	135		0		
Surr: 4-Bromofluorobenzene	1.14		1.185		96.6	65	135		0		

Sample ID: **2010117-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/13/2020**	RunNo: **62547**
Client ID: **BATCH**	Batch ID: **29990**		Analysis Date: **10/13/2020**	SeqNo: **1255125**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	6.41						0		30	H
Surr: Toluene-d8	1.67		1.602		104	65	135		0		H
Surr: 4-Bromofluorobenzene	1.53		1.602		95.3	65	135		0		H

Work Order: 2010183
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29990**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/13/2020**	RunNo: **62540**
Client ID: **LCSS**	Batch ID: **29990**		Analysis Date: **10/13/2020**	SeqNo: **1254939**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.938	0.0200	1.000	0	93.8	66	131				
1,1-Dichloroethene	1.00	0.0200	1.000	0	100	63.4	139				
trans-1,2-Dichloroethene	1.02	0.0200	1.000	0	102	80.5	116				
cis-1,2-Dichloroethene	1.03	0.0200	1.000	0	103	81.8	114				
Benzene	1.02	0.0200	1.000	0	102	79.4	116				
Trichloroethene (TCE)	1.02	0.0200	1.000	0	102	80.8	117				
Toluene	0.943	0.0200	1.000	0	94.3	80.5	115				
Tetrachloroethene (PCE)	0.926	0.0200	1.000	0	92.6	81.8	116				
Ethylbenzene	1.02	0.0250	1.000	0	102	81.6	116				
m,p-Xylene	2.04	0.0500	2.000	0	102	83.2	115				
o-Xylene	1.02	0.0250	1.000	0	102	82.5	114				
Surr: Dibromofluoromethane	1.31		1.250		105	85.2	113				
Surr: Toluene-d8	1.16		1.250		92.5	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.27		1.250		102	88.6	109				

Sample ID: **MB-29990**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/13/2020**	RunNo: **62540**
Client ID: **MBLKS**	Batch ID: **29990**		Analysis Date: **10/13/2020**	SeqNo: **1254940**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2010183
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29990** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/13/2020** RunNo: **62540**
Client ID: **MBLKS** Batch ID: **29990** Analysis Date: **10/13/2020** SeqNo: **1254940**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.21		1.250		96.7	85.2	113				
Surr: Toluene-d8	1.21		1.250		96.8	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		96.1	88.6	109				

Sample ID: **2010087-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/13/2020** RunNo: **62540**
Client ID: **BATCH** Batch ID: **29990** Analysis Date: **10/13/2020** SeqNo: **1254916**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0213						0		30	
1,1-Dichloroethene	ND	0.0213						0		30	
trans-1,2-Dichloroethene	ND	0.0213						0		30	
cis-1,2-Dichloroethene	ND	0.0213						0		30	
Benzene	ND	0.0213						0		30	
Trichloroethene (TCE)	ND	0.0213						0		30	
Toluene	ND	0.0213						0		30	
Tetrachloroethene (PCE)	ND	0.0213						0		30	
Ethylbenzene	ND	0.0266						0		30	
m,p-Xylene	ND	0.0532						0		30	
o-Xylene	ND	0.0266						0		30	
Surr: Dibromofluoromethane	1.29		1.330		97.3	85.2	113		0		
Surr: Toluene-d8	1.29		1.330		97.3	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.26		1.330		94.9	88.6	109		0		

Sample ID: **2010117-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/13/2020** RunNo: **62540**
Client ID: **BATCH** Batch ID: **29990** Analysis Date: **10/13/2020** SeqNo: **1254918**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0256						0		30	H
1,1-Dichloroethene	ND	0.0256						0		30	H

Work Order: 2010183
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010117-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/13/2020** RunNo: **62540**
Client ID: **BATCH** Batch ID: **29990** Analysis Date: **10/13/2020** SeqNo: **1254918**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0256						0		30	H
cis-1,2-Dichloroethene	ND	0.0256						0		30	H
Benzene	ND	0.0256						0		30	H
Trichloroethene (TCE)	ND	0.0256						0		30	H
Toluene	ND	0.0256						0		30	H
Tetrachloroethene (PCE)	ND	0.0256						0		30	H
Ethylbenzene	ND	0.0320						0		30	H
m,p-Xylene	ND	0.0641						0		30	H
o-Xylene	ND	0.0320						0		30	H
Surr: Dibromofluoromethane	1.55		1.602		96.5	85.2	113		0		H
Surr: Toluene-d8	1.54		1.602		96.1	88.5	110		0		H
Surr: 1-Bromo-4-fluorobenzene	1.56		1.602		97.3	88.6	109		0		H

Sample ID: **2010117-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/13/2020** RunNo: **62540**
Client ID: **BATCH** Batch ID: **29990** Analysis Date: **10/14/2020** SeqNo: **1254920**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.23	0.0249	1.244	0	98.8	52.8	150				H
1,1-Dichloroethene	1.30	0.0249	1.244	0	105	62.9	149				H
trans-1,2-Dichloroethene	1.26	0.0249	1.244	0	101	73.1	130				H
cis-1,2-Dichloroethene	1.26	0.0249	1.244	0	102	77.5	125				H
Benzene	1.30	0.0249	1.244	0	104	74.6	126				H
Trichloroethene (TCE)	1.32	0.0249	1.244	0	106	72	133				H
Toluene	1.22	0.0249	1.244	0	98.1	72.6	127				H
Tetrachloroethene (PCE)	1.18	0.0249	1.244	0	94.7	72.7	128				H
Ethylbenzene	1.23	0.0311	1.244	0	98.9	77.3	126				H
m,p-Xylene	2.42	0.0622	2.488	0	97.2	78.5	126				H
o-Xylene	1.21	0.0311	1.244	0	97.5	79.4	123				H
Surr: Dibromofluoromethane	1.57		1.555		101	85.2	113				H
Surr: Toluene-d8	1.54		1.555		99.3	88.5	110				H

Work Order: 2010183
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010117-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/13/2020** RunNo: **62540**
Client ID: **BATCH** Batch ID: **29990** Analysis Date: **10/14/2020** SeqNo: **1254920**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	1.56		1.555		100	88.6	109				H

Sample ID: **2010117-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/13/2020** RunNo: **62540**
Client ID: **BATCH** Batch ID: **29990** Analysis Date: **10/14/2020** SeqNo: **1254921**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.29	0.0249	1.244	0	103	52.8	150	1.229	4.53	30	H
1,1-Dichloroethene	1.43	0.0249	1.244	0	115	62.9	149	1.301	9.56	30	H
trans-1,2-Dichloroethene	1.31	0.0249	1.244	0	105	73.1	130	1.262	3.54	30	H
cis-1,2-Dichloroethene	1.31	0.0249	1.244	0	105	77.5	125	1.263	3.36	30	H
Benzene	1.34	0.0249	1.244	0	108	74.6	126	1.296	3.62	30	H
Trichloroethene (TCE)	1.44	0.0249	1.244	0	116	72	133	1.319	8.57	30	H
Toluene	1.36	0.0249	1.244	0	110	72.6	127	1.220	11.0	30	H
Tetrachloroethene (PCE)	1.35	0.0249	1.244	0	109	72.7	128	1.177	14.0	30	H
Ethylbenzene	1.27	0.0311	1.244	0	102	77.3	126	1.230	3.13	30	H
m,p-Xylene	2.47	0.0622	2.488	0	99.3	78.5	126	2.418	2.16	30	H
o-Xylene	1.24	0.0311	1.244	0	100	79.4	123	1.213	2.53	30	H
Surr: Dibromofluoromethane	1.59		1.555		102	85.2	113		0		H
Surr: Toluene-d8	1.70		1.555		109	88.5	110		0		H
Surr: 1-Bromo-4-fluorobenzene	1.54		1.555		99.1	88.6	109		0		H

Sample Log-In Check List

Client Name:	AC	Work Order Number:	2010183
Logged by:	Carissa True	Date Received:	10/13/2020 9:08:00 AM

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐	
2.	How was the sample delivered?	Picked up by FAI			

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐	
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐		
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑	
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐	
7.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐	
8.	Sample(s) in proper container(s)?	Yes ☑	No ☐		
9.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐		
10.	Are samples properly preserved?	Yes ☑	No ☐		
11.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐	
12.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑	
13.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐		
14.	Does paperwork match bottle labels?	Yes ☑	No ☐		
15.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐		
16.	Is it clear what analyses were requested?	Yes ☑	No ☐		
17.	Were all holding times able to be met?	Yes ☑	No ☐		

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑	

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	3.3

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/12/2020 Page: 1 of: 1

Laboratory Project No (internal): 2010183

Project Name: Muddux N

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste 550

Collected by: RAC

City, State, Zip: Seattle, WA 98104

Location: Muddux N

Telephone: (206)413-5411

Report To (PM): A. Yankofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: ayankofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	BTEX / cVOCs by 8260				Comments
1	SW-PUB-66-N	10/12/20 ~~0930~~ RAC 1155		S				X		X							X				
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Rachel Cr	10/13/20 0830	x Kelsey Aalli	10/13/20 08:31
x Kelsey Aalli	10/13/20 9:08	x Claire Cudron	10/13/20 0909

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010232

October 16, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 10 sample(s) on 10/15/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Date: *10/16/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010232

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010232-001	SW-P48-62-N	10/14/2020 8:25 AM	10/15/2020 9:23 AM
2010232-002	SW-P50-62-N	10/14/2020 8:50 AM	10/15/2020 9:23 AM
2010232-003	B-P34.25-P45-57-N	10/14/2020 9:10 AM	10/15/2020 9:23 AM
2010232-004	SW-P52-62-N	10/14/2020 9:40 AM	10/15/2020 9:23 AM
2010232-005	SW-P53-62-N	10/14/2020 12:50 PM	10/15/2020 9:23 AM
2010232-006	SW-P16-59-N	10/14/2020 12:40 PM	10/15/2020 9:23 AM
2010232-007	B-P23-P16-60-N	10/14/2020 12:20 PM	10/15/2020 9:23 AM
2010232-008	SW-P36-58.5-N	10/14/2020 1:55 PM	10/15/2020 9:23 AM
2010232-009	B-P34-P51-60-N	10/15/2020 8:20 AM	10/15/2020 9:23 AM
2010232-010	Trip Blank	10/12/2020 5:29 PM	10/15/2020 9:23 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2010232**
Date: **10/16/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010232-001 **Collection Date:** 10/14/2020 8:25:00 AM
Client Sample ID: **SW-P48-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30023		Analyst: KT
Vinyl chloride	ND	0.0263		mg/Kg-dry	1	10/15/2020 5:54:14 PM
1,1-Dichloroethene	ND	0.0263		mg/Kg-dry	1	10/15/2020 5:54:14 PM
trans-1,2-Dichloroethene	ND	0.0263		mg/Kg-dry	1	10/15/2020 5:54:14 PM
cis-1,2-Dichloroethene	ND	0.0263		mg/Kg-dry	1	10/15/2020 5:54:14 PM
Trichloroethene (TCE)	ND	0.0263		mg/Kg-dry	1	10/15/2020 5:54:14 PM
Tetrachloroethene (PCE)	0.0616	0.0263		mg/Kg-dry	1	10/15/2020 5:54:14 PM
Surr: Dibromofluoromethane	97.8	85.2 - 113		%Rec	1	10/15/2020 5:54:14 PM
Surr: Toluene-d8	96.0	88.5 - 110		%Rec	1	10/15/2020 5:54:14 PM
Surr: 1-Bromo-4-fluorobenzene	95.3	88.6 - 109		%Rec	1	10/15/2020 5:54:14 PM
Sample Moisture (Percent Moisture)				Batch ID: R62580		Analyst: LB
Percent Moisture	17.1	0.500		wt%	1	10/15/2020 1:18:27 PM

Lab ID: 2010232-002 **Collection Date:** 10/14/2020 8:50:00 AM
Client Sample ID: **SW-P50-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30023		Analyst: KT
Vinyl chloride	ND	0.0270		mg/Kg-dry	1	10/15/2020 6:54:45 PM
1,1-Dichloroethene	ND	0.0270		mg/Kg-dry	1	10/15/2020 6:54:45 PM
trans-1,2-Dichloroethene	ND	0.0270		mg/Kg-dry	1	10/15/2020 6:54:45 PM
cis-1,2-Dichloroethene	ND	0.0270		mg/Kg-dry	1	10/15/2020 6:54:45 PM
Trichloroethene (TCE)	ND	0.0270		mg/Kg-dry	1	10/15/2020 6:54:45 PM
Tetrachloroethene (PCE)	0.392	0.0270		mg/Kg-dry	1	10/15/2020 6:54:45 PM
Surr: Dibromofluoromethane	96.4	85.2 - 113		%Rec	1	10/15/2020 6:54:45 PM
Surr: Toluene-d8	94.4	88.5 - 110		%Rec	1	10/15/2020 6:54:45 PM
Surr: 1-Bromo-4-fluorobenzene	94.2	88.6 - 109		%Rec	1	10/15/2020 6:54:45 PM
Sample Moisture (Percent Moisture)				Batch ID: R62580		Analyst: LB
Percent Moisture	22.6	0.500		wt%	1	10/15/2020 1:18:27 PM

Analytical Report

Work Order: **2010232**
Date Reported: **10/16/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010232-003 **Collection Date:** 10/14/2020 9:10:00 AM
Client Sample ID: **B-P34.25-P45-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30023		Analyst: KT
Vinyl chloride	ND	0.0212		mg/Kg-dry	1	10/15/2020 7:25:02 PM
1,1-Dichloroethene	ND	0.0212		mg/Kg-dry	1	10/15/2020 7:25:02 PM
trans-1,2-Dichloroethene	ND	0.0212		mg/Kg-dry	1	10/15/2020 7:25:02 PM
cis-1,2-Dichloroethene	ND	0.0212		mg/Kg-dry	1	10/15/2020 7:25:02 PM
Trichloroethene (TCE)	ND	0.0212		mg/Kg-dry	1	10/15/2020 7:25:02 PM
Tetrachloroethene (PCE)	ND	0.0212		mg/Kg-dry	1	10/15/2020 7:25:02 PM
Surr: Dibromofluoromethane	96.4	85.2 - 113		%Rec	1	10/15/2020 7:25:02 PM
Surr: Toluene-d8	94.1	88.5 - 110		%Rec	1	10/15/2020 7:25:02 PM
Surr: 1-Bromo-4-fluorobenzene	94.0	88.6 - 109		%Rec	1	10/15/2020 7:25:02 PM
Sample Moisture (Percent Moisture)				Batch ID: R62580		Analyst: LB
Percent Moisture	12.8	0.500		wt%	1	10/15/2020 1:18:27 PM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010232-004 **Collection Date:** 10/14/2020 9:40:00 AM
Client Sample ID: **SW-P52-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30023		Analyst: KT
Vinyl chloride	ND	0.0254		mg/Kg-dry	1	10/15/2020 7:55:15 PM
1,1-Dichloroethene	ND	0.0254		mg/Kg-dry	1	10/15/2020 7:55:15 PM
trans-1,2-Dichloroethene	ND	0.0254		mg/Kg-dry	1	10/15/2020 7:55:15 PM
cis-1,2-Dichloroethene	ND	0.0254		mg/Kg-dry	1	10/15/2020 7:55:15 PM
Trichloroethene (TCE)	ND	0.0254		mg/Kg-dry	1	10/15/2020 7:55:15 PM
Tetrachloroethene (PCE)	ND	0.0254		mg/Kg-dry	1	10/15/2020 7:55:15 PM
Surr: Dibromofluoromethane	96.0	85.2 - 113		%Rec	1	10/15/2020 7:55:15 PM
Surr: Toluene-d8	94.9	88.5 - 110		%Rec	1	10/15/2020 7:55:15 PM
Surr: 1-Bromo-4-fluorobenzene	94.7	88.6 - 109		%Rec	1	10/15/2020 7:55:15 PM
Sample Moisture (Percent Moisture)				Batch ID: R62580		Analyst: LB
Percent Moisture	18.2	0.500		wt%	1	10/15/2020 1:18:27 PM

Lab ID: 2010232-005 **Collection Date:** 10/14/2020 12:50:00 PM
Client Sample ID: **SW-P53-62-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30023		Analyst: KT
Vinyl chloride	ND	0.0210		mg/Kg-dry	1	10/15/2020 8:25:26 PM
1,1-Dichloroethene	ND	0.0210		mg/Kg-dry	1	10/15/2020 8:25:26 PM
trans-1,2-Dichloroethene	ND	0.0210		mg/Kg-dry	1	10/15/2020 8:25:26 PM
cis-1,2-Dichloroethene	ND	0.0210		mg/Kg-dry	1	10/15/2020 8:25:26 PM
Trichloroethene (TCE)	ND	0.0210		mg/Kg-dry	1	10/15/2020 8:25:26 PM
Tetrachloroethene (PCE)	ND	0.0210		mg/Kg-dry	1	10/15/2020 8:25:26 PM
Surr: Dibromofluoromethane	97.3	85.2 - 113		%Rec	1	10/15/2020 8:25:26 PM
Surr: Toluene-d8	94.4	88.5 - 110		%Rec	1	10/15/2020 8:25:26 PM
Surr: 1-Bromo-4-fluorobenzene	95.0	88.6 - 109		%Rec	1	10/15/2020 8:25:26 PM
Sample Moisture (Percent Moisture)				Batch ID: R62580		Analyst: LB
Percent Moisture	17.9	0.500		wt%	1	10/15/2020 1:18:27 PM

Analytical Report

Work Order: **2010232**
Date Reported: **10/16/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010232-006 **Collection Date:** 10/14/2020 12:40:00 PM
Client Sample ID: **SW-P16-59-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30023		Analyst: KT
Vinyl chloride	0.0360	0.0233		mg/Kg-dry	1	10/15/2020 8:55:42 PM
1,1-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/15/2020 8:55:42 PM
trans-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/15/2020 8:55:42 PM
cis-1,2-Dichloroethene	1.70	0.0233		mg/Kg-dry	1	10/15/2020 8:55:42 PM
Trichloroethene (TCE)	0.379	0.0233		mg/Kg-dry	1	10/15/2020 8:55:42 PM
Tetrachloroethene (PCE)	0.495	0.0233		mg/Kg-dry	1	10/15/2020 8:55:42 PM
Surr: Dibromofluoromethane	97.5	85.2 - 113		%Rec	1	10/15/2020 8:55:42 PM
Surr: Toluene-d8	94.5	88.5 - 110		%Rec	1	10/15/2020 8:55:42 PM
Surr: 1-Bromo-4-fluorobenzene	94.8	88.6 - 109		%Rec	1	10/15/2020 8:55:42 PM
Sample Moisture (Percent Moisture)				Batch ID: R62580		Analyst: LB
Percent Moisture	17.1	0.500		wt%	1	10/15/2020 1:18:27 PM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010232-007 **Collection Date:** 10/14/2020 12:20:00 PM
Client Sample ID: **B-P23-P16-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30023		Analyst: KT
Vinyl chloride	ND	0.0251		mg/Kg-dry	1	10/15/2020 9:25:59 PM
1,1-Dichloroethene	ND	0.0251		mg/Kg-dry	1	10/15/2020 9:25:59 PM
trans-1,2-Dichloroethene	ND	0.0251		mg/Kg-dry	1	10/15/2020 9:25:59 PM
cis-1,2-Dichloroethene	1.62	0.0251		mg/Kg-dry	1	10/15/2020 9:25:59 PM
Trichloroethene (TCE)	0.802	0.0251		mg/Kg-dry	1	10/15/2020 9:25:59 PM
Tetrachloroethene (PCE)	1.92	0.0251		mg/Kg-dry	1	10/15/2020 9:25:59 PM
Surr: Dibromofluoromethane	97.2	85.2 - 113		%Rec	1	10/15/2020 9:25:59 PM
Surr: Toluene-d8	94.5	88.5 - 110		%Rec	1	10/15/2020 9:25:59 PM
Surr: 1-Bromo-4-fluorobenzene	95.6	88.6 - 109		%Rec	1	10/15/2020 9:25:59 PM
Sample Moisture (Percent Moisture)				Batch ID: R62580		Analyst: LB
Percent Moisture	18.6	0.500		wt%	1	10/15/2020 1:18:27 PM

Lab ID: 2010232-008 **Collection Date:** 10/14/2020 1:55:00 PM
Client Sample ID: **SW-P36-58.5-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30023		Analyst: KT
Vinyl chloride	ND	0.0264		mg/Kg-dry	1	10/15/2020 10:26:32 PM
1,1-Dichloroethene	0.0398	0.0264		mg/Kg-dry	1	10/15/2020 10:26:32 PM
trans-1,2-Dichloroethene	ND	0.0264		mg/Kg-dry	1	10/15/2020 10:26:32 PM
cis-1,2-Dichloroethene	ND	0.0264		mg/Kg-dry	1	10/15/2020 10:26:32 PM
Trichloroethene (TCE)	0.794	0.0264		mg/Kg-dry	1	10/15/2020 10:26:32 PM
Tetrachloroethene (PCE)	21.2	0.528	D	mg/Kg-dry	20	10/16/2020 7:32:36 AM
Surr: Dibromofluoromethane	97.5	85.2 - 113		%Rec	1	10/15/2020 10:26:32 PM
Surr: Toluene-d8	95.2	88.5 - 110		%Rec	1	10/15/2020 10:26:32 PM
Surr: 1-Bromo-4-fluorobenzene	95.7	88.6 - 109		%Rec	1	10/15/2020 10:26:32 PM
Sample Moisture (Percent Moisture)				Batch ID: R62580		Analyst: LB
Percent Moisture	18.5	0.500		wt%	1	10/15/2020 1:18:27 PM

Analytical Report

Work Order: **2010232**
Date Reported: **10/16/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010232-009 **Collection Date:** 10/15/2020 8:20:00 AM
Client Sample ID: **B-P34-P51-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30023		Analyst: KT
Vinyl chloride	ND	0.0217		mg/Kg-dry	1	10/15/2020 9:56:20 PM
1,1-Dichloroethene	ND	0.0217		mg/Kg-dry	1	10/15/2020 9:56:20 PM
trans-1,2-Dichloroethene	ND	0.0217		mg/Kg-dry	1	10/15/2020 9:56:20 PM
cis-1,2-Dichloroethene	ND	0.0217		mg/Kg-dry	1	10/15/2020 9:56:20 PM
Trichloroethene (TCE)	ND	0.0217		mg/Kg-dry	1	10/15/2020 9:56:20 PM
Tetrachloroethene (PCE)	ND	0.0217		mg/Kg-dry	1	10/15/2020 9:56:20 PM
Surr: Dibromofluoromethane	96.9	85.2 - 113		%Rec	1	10/15/2020 9:56:20 PM
Surr: Toluene-d8	94.6	88.5 - 110		%Rec	1	10/15/2020 9:56:20 PM
Surr: 1-Bromo-4-fluorobenzene	95.9	88.6 - 109		%Rec	1	10/15/2020 9:56:20 PM
Sample Moisture (Percent Moisture)				Batch ID: R62580		Analyst: LB
Percent Moisture	13.8	0.500		wt%	1	10/15/2020 1:18:27 PM

Work Order: 2010232
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30023**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/15/2020**	RunNo: **62604**
Client ID: **LCSS**	Batch ID: **30023**		Analysis Date: **10/15/2020**	SeqNo: **1256246**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.11	0.0200	1.000	0	111	66	131				
1,1-Dichloroethene	1.12	0.0200	1.000	0	112	63.4	139				
trans-1,2-Dichloroethene	1.04	0.0200	1.000	0	104	80.5	116				
cis-1,2-Dichloroethene	1.03	0.0200	1.000	0	103	81.8	114				
Trichloroethene (TCE)	0.995	0.0200	1.000	0	99.5	80.8	117				
Tetrachloroethene (PCE)	0.960	0.0200	1.000	0	96.0	81.8	116				
Surr: Dibromofluoromethane	1.29		1.250		103	85.2	113				
Surr: Toluene-d8	1.22		1.250		97.3	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		100	88.6	109				

Sample ID: **MB-30023**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/15/2020**	RunNo: **62604**
Client ID: **MBLKS**	Batch ID: **30023**		Analysis Date: **10/15/2020**	SeqNo: **1256247**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.20		1.250		95.6	85.2	113				
Surr: Toluene-d8	1.19		1.250		95.3	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.19		1.250		95.2	88.6	109				

Sample ID: **2010225-002BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/15/2020**	RunNo: **62604**
Client ID: **BATCH**	Batch ID: **30023**		Analysis Date: **10/15/2020**	SeqNo: **1256223**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0293						0		30	

Work Order: 2010232
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010225-002BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/15/2020** RunNo: **62604**
Client ID: **BATCH** Batch ID: **30023** Analysis Date: **10/15/2020** SeqNo: **1256223**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0293						0		30	
trans-1,2-Dichloroethene	ND	0.0293						0		30	
cis-1,2-Dichloroethene	ND	0.0293						0		30	
Trichloroethene (TCE)	ND	0.0293						0		30	
Tetrachloroethene (PCE)	ND	0.0293						0		30	
Surr: Dibromofluoromethane	1.72		1.830		93.8	85.2	113		0		
Surr: Toluene-d8	1.74		1.830		94.9	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.79		1.830		97.7	88.6	109		0		

Sample ID: **2010225-001BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/15/2020** RunNo: **62604**
Client ID: **BATCH** Batch ID: **30023** Analysis Date: **10/15/2020** SeqNo: **1256220**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.13	0.0253	1.264	0	89.6	52.8	150				
1,1-Dichloroethene	1.37	0.0253	1.264	0	108	62.9	149				
trans-1,2-Dichloroethene	1.30	0.0253	1.264	0	103	73.1	130				
cis-1,2-Dichloroethene	1.33	0.0253	1.264	0	105	77.5	125				
Trichloroethene (TCE)	1.49	0.0253	1.264	0	118	72	133				
Tetrachloroethene (PCE)	1.23	0.0253	1.264	0	97.1	72.7	128				
Surr: Dibromofluoromethane	1.60		1.580		101	85.2	113				
Surr: Toluene-d8	1.51		1.580		95.8	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.56		1.580		98.8	88.6	109				

Sample ID: **2010225-001BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/15/2020** RunNo: **62604**
Client ID: **BATCH** Batch ID: **30023** Analysis Date: **10/15/2020** SeqNo: **1256221**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.02	0.0253	1.264	0	80.5	52.8	150	1.133	10.7	30	
1,1-Dichloroethene	1.31	0.0253	1.264	0	104	62.9	149	1.367	4.20	30	

Work Order: 2010232
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010225-001BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/15/2020** RunNo: **62604**
Client ID: **BATCH** Batch ID: **30023** Analysis Date: **10/15/2020** SeqNo: **1256221**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.31	0.0253	1.264	0	104	73.1	130	1.304	0.421	30	
cis-1,2-Dichloroethene	1.33	0.0253	1.264	0	106	77.5	125	1.330	0.331	30	
Trichloroethene (TCE)	2.07	0.0253	1.264	0	164	72	133	1.492	32.6	30	RS
Tetrachloroethene (PCE)	1.24	0.0253	1.264	0	97.7	72.7	128	1.228	0.609	30	
Surr: Dibromofluoromethane	1.59		1.580		101	85.2	113		0		
Surr: Toluene-d8	1.50		1.580		95.1	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.56		1.580		98.6	88.6	109		0		

NOTES:
SR - Outlying spike recovery(ies) and high RPD due to suspected sample inhomogeneity. The method is in control as indicated by the LCS.

Sample ID: **2010232-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/15/2020** RunNo: **62604**
Client ID: **SW-P48-62-N** Batch ID: **30023** Analysis Date: **10/15/2020** SeqNo: **1256225**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0263						0		30	
1,1-Dichloroethene	ND	0.0263						0		30	
trans-1,2-Dichloroethene	ND	0.0263						0		30	
cis-1,2-Dichloroethene	ND	0.0263						0		30	
Trichloroethene (TCE)	ND	0.0263						0		30	
Tetrachloroethene (PCE)	0.0604	0.0263						0.06162	2.00	30	
Surr: Dibromofluoromethane	1.61		1.643		97.9	85.2	113		0		
Surr: Toluene-d8	1.56		1.643		95.2	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.58		1.643		95.9	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010232**
Logged by:	**Clare Griggs**	Date Received:	**10/15/2020 9:23:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample	0.6

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/14/20 Page: 1 of: 1

Laboratory Project No (internal): 201232

Project Name: Maddux North

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Suite 550

Collected by: Kristin Beck

City, State, Zip: Seattle, WA 98104

Location: Seattle, WA

Telephone:

Report To (PM): Andrew Yonkofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspectconsulting.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs by 8260				Comments
1 SW-P48-62-N	10/14/20	0825	S														X					
2 SW-P50-62-N		0850															X					
3 B-P34.25-P45-57-N		0910															X					
4 SW-P52-62-N		0940															X					
5 SW-P53-62-N		1250															X					
6 SW-P16-59-N		1240															X					
7 B-P23-P16-60-N		1220															X					
8 SW-P36-58.5-N		1355															X					
9 B-P34-P51-60-N	10/15/20	0820															X					
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day 24Hr.
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Kristin Beck	10/15/20 @ 8:54	x Kristin Colt	10/15/20 08:54
x Kristin Colt	10/15/20 @ 0919	x Dave Anderson	10/15/20 0923

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010261

October 19, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 3 sample(s) on 10/16/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Date: *10/19/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010261

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010261-001	B-P33-P47-58-N	10/15/2020 9:25 AM	10/16/2020 9:11 AM
2010261-002	B-P34-P49-60-N	10/15/2020 8:45 AM	10/16/2020 9:11 AM
2010261-003	B-P34.25-P47-60-N	10/15/2020 8:50 AM	10/16/2020 9:11 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2010261**
Date: **10/19/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010261-001 **Collection Date:** 10/15/2020 9:25:00 AM
Client Sample ID: **B-P33-P47-58-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30045		Analyst: KT
Vinyl chloride	ND	0.0235		mg/Kg-dry	1	10/17/2020 12:08:56 AM
1,1-Dichloroethene	ND	0.0235		mg/Kg-dry	1	10/17/2020 12:08:56 AM
trans-1,2-Dichloroethene	ND	0.0235		mg/Kg-dry	1	10/17/2020 12:08:56 AM
cis-1,2-Dichloroethene	0.0364	0.0235		mg/Kg-dry	1	10/17/2020 12:08:56 AM
Trichloroethene (TCE)	ND	0.0235		mg/Kg-dry	1	10/17/2020 12:08:56 AM
Tetrachloroethene (PCE)	0.492	0.0235		mg/Kg-dry	1	10/17/2020 12:08:56 AM
Surr: Dibromofluoromethane	99.1	85.2 - 113		%Rec	1	10/17/2020 12:08:56 AM
Surr: Toluene-d8	96.9	88.5 - 110		%Rec	1	10/17/2020 12:08:56 AM
Surr: 1-Bromo-4-fluorobenzene	95.9	88.6 - 109		%Rec	1	10/17/2020 12:08:56 AM
Sample Moisture (Percent Moisture)				Batch ID: R62646		Analyst: CJ
Percent Moisture	15.7	0.500		wt%	1	10/19/2020 10:34:08 AM

Lab ID: 2010261-002 **Collection Date:** 10/15/2020 8:45:00 AM
Client Sample ID: **B-P34-P49-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30045		Analyst: KT
Vinyl chloride	ND	0.0228		mg/Kg-dry	1	10/17/2020 12:39:19 AM
1,1-Dichloroethene	ND	0.0228		mg/Kg-dry	1	10/17/2020 12:39:19 AM
trans-1,2-Dichloroethene	ND	0.0228		mg/Kg-dry	1	10/17/2020 12:39:19 AM
cis-1,2-Dichloroethene	ND	0.0228		mg/Kg-dry	1	10/17/2020 12:39:19 AM
Trichloroethene (TCE)	ND	0.0228		mg/Kg-dry	1	10/17/2020 12:39:19 AM
Tetrachloroethene (PCE)	0.129	0.0228		mg/Kg-dry	1	10/17/2020 12:39:19 AM
Surr: Dibromofluoromethane	98.4	85.2 - 113		%Rec	1	10/17/2020 12:39:19 AM
Surr: Toluene-d8	97.2	88.5 - 110		%Rec	1	10/17/2020 12:39:19 AM
Surr: 1-Bromo-4-fluorobenzene	92.5	88.6 - 109		%Rec	1	10/17/2020 12:39:19 AM
Sample Moisture (Percent Moisture)				Batch ID: R62646		Analyst: CJ
Percent Moisture	15.5	0.500		wt%	1	10/19/2020 10:34:08 AM

Analytical Report

Work Order: **2010261**
Date Reported: **10/19/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010261-003 **Collection Date:** 10/15/2020 8:50:00 AM
Client Sample ID: **B-P34.25-P47-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30045		Analyst: KT
Vinyl chloride	ND	0.0179		mg/Kg-dry	1	10/17/2020 1:09:40 AM
1,1-Dichloroethene	ND	0.0179		mg/Kg-dry	1	10/17/2020 1:09:40 AM
trans-1,2-Dichloroethene	ND	0.0179		mg/Kg-dry	1	10/17/2020 1:09:40 AM
cis-1,2-Dichloroethene	0.0348	0.0179		mg/Kg-dry	1	10/17/2020 1:09:40 AM
Trichloroethene (TCE)	0.0412	0.0179		mg/Kg-dry	1	10/17/2020 1:09:40 AM
Tetrachloroethene (PCE)	0.775	0.0179		mg/Kg-dry	1	10/17/2020 1:09:40 AM
Surr: Dibromofluoromethane	99.3	85.2 - 113		%Rec	1	10/17/2020 1:09:40 AM
Surr: Toluene-d8	105	88.5 - 110		%Rec	1	10/17/2020 1:09:40 AM
Surr: 1-Bromo-4-fluorobenzene	94.9	88.6 - 109		%Rec	1	10/17/2020 1:09:40 AM
Sample Moisture (Percent Moisture)				Batch ID: R62646		Analyst: CJ
Percent Moisture	15.9	0.500		wt%	1	10/19/2020 10:34:08 AM

Work Order: 2010261
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30045** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **LCSS** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257037**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.11	0.0200	1.000	0	111	66	131				
1,1-Dichloroethene	1.13	0.0200	1.000	0	113	63.4	139				
trans-1,2-Dichloroethene	1.05	0.0200	1.000	0	105	80.5	116				
cis-1,2-Dichloroethene	1.05	0.0200	1.000	0	105	81.8	114				
Trichloroethene (TCE)	1.02	0.0200	1.000	0	102	80.8	117				
Tetrachloroethene (PCE)	0.958	0.0200	1.000	0	95.8	81.8	116				
Surr: Dibromofluoromethane	1.31		1.250		105	85.2	113				
Surr: Toluene-d8	1.19		1.250		95.1	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.26		1.250		101	88.6	109				

Sample ID: **MB-30045** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **MBLKS** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257038**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.21		1.250		96.7	85.2	113				
Surr: Toluene-d8	1.19		1.250		95.0	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.17		1.250		93.9	88.6	109				

Sample ID: **2010233-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **BATCH** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257015**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0183						0		30	

Work Order: 2010261
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010233-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **BATCH** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257015**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0183						0		30	
trans-1,2-Dichloroethene	ND	0.0183						0		30	
cis-1,2-Dichloroethene	ND	0.0183						0		30	
Trichloroethene (TCE)	ND	0.0183						0		30	
Tetrachloroethene (PCE)	0.675	0.0183						0.6464	4.33	30	
Surr: Dibromofluoromethane	1.12		1.145		98.1	85.2	113		0		
Surr: Toluene-d8	1.09		1.145		94.9	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.09		1.145		95.3	88.6	109		0		

Sample ID: **2010205-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **BATCH** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257013**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	2.01						0		30	D
1,1-Dichloroethene	ND	2.01						0		30	D
trans-1,2-Dichloroethene	ND	2.01						0		30	D
cis-1,2-Dichloroethene	ND	2.01						0		30	D
Trichloroethene (TCE)	ND	2.01						0		30	D
Tetrachloroethene (PCE)	ND	2.01						0		30	D
Surr: Dibromofluoromethane	129		125.4		103	85.2	113		0		D
Surr: Toluene-d8	117		125.4		93.1	88.5	110		0		D
Surr: 1-Bromo-4-fluorobenzene	122		125.4		97.3	88.6	109		0		D

Sample ID: **2010235-003BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **BATCH** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257019**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.07	0.0235	1.174	0	91.2	52.8	150				
1,1-Dichloroethene	1.21	0.0235	1.174	0	103	62.9	149				

Work Order: 2010261
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010235-003BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **BATCH** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257019**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.22	0.0235	1.174	0	104	73.1	130				
cis-1,2-Dichloroethene	1.26	0.0235	1.174	0	107	77.5	125				
Trichloroethene (TCE)	1.20	0.0235	1.174	0	102	72	133				
Tetrachloroethene (PCE)	1.10	0.0235	1.174	0	93.8	72.7	128				
Surr: Dibromofluoromethane	1.49		1.467		101	85.2	113				
Surr: Toluene-d8	1.40		1.467		95.1	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.44		1.467		98.0	88.6	109				

Sample ID: **2010235-003BMSD** SampType: **MSD** Units: **mg/Kg** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **BATCH** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257020**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.10	0.0235	1.174	0	93.9	52.8	150	1.070	2.93	30	
1,1-Dichloroethene	1.23	0.0235	1.174	0	105	62.9	149	1.210	1.44	30	
trans-1,2-Dichloroethene	1.22	0.0235	1.174	0	104	73.1	130	1.219	0.0912	30	
cis-1,2-Dichloroethene	1.26	0.0235	1.174	0	108	77.5	125	1.259	0.232	30	
Trichloroethene (TCE)	1.20	0.0235	1.174	0	102	72	133	1.201	0.0585	30	
Tetrachloroethene (PCE)	1.09	0.0235	1.174	0	92.8	72.7	128	1.101	1.05	30	
Surr: Dibromofluoromethane	1.58		1.467		107	85.2	113		0		
Surr: Toluene-d8	1.40		1.467		95.1	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.44		1.467		98.0	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010261**
Logged by:	**Gabrielle Coeuille**	Date Received:	**10/16/2020 9:11:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	4.8

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/16/20 Page: 1 of: 1

Laboratory Project No (internal): J2102401

Special Remarks:

Project Name: Maddux North

Project No: 160324

Client: Aspect Consulting

Address: 710 2nd Ave, Suite 550

City, State, Zip: Seattle, WA 98104

Collected by: Kristin Beck

Location: Seattle, WA 98104

Report To (PM): Andrew Yonkofski

Telephone:

Fax:

PM Email:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs				Comments
1	B-P33-P47-58-N	10/15/20	0925	S												X					
2	B-P34-P49-60-N	↓	0845	↓												X					
3	B-P34.25-P47-60-N	↓	0850	↓												X					
4																					
5																					
6																					
7																					
8																					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Kristin Beck	10/16/20	x Barbara Goodlle	10/16/20 08:40
x Barbara Goodlle	10/16/20 09:11	x Clara Anderson	10/16/20 0911

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day (24Hr)
- ☐ Same Day

(specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010293

October 20, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 5 sample(s) on 10/19/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/20/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010293

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010293-001	B-P33-P45-60-N	10/16/2020 12:45 PM	10/19/2020 9:05 AM
2010293-002	B-P33-P43-60-N	10/16/2020 12:50 PM	10/19/2020 9:05 AM
2010293-003	B-DUP-1-N	10/16/2020 1:30 PM	10/19/2020 9:05 AM
2010293-004	B-P25-P14-58-N	10/16/2020 1:55 PM	10/19/2020 9:05 AM
2010293-005	B-P25-P16-59-N	10/16/2020 2:00 PM	10/19/2020 9:05 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010293**
Date: **10/20/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010293-001 **Collection Date:** 10/16/2020 12:45:00 PM
Client Sample ID: **B-P33-P45-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0226		mg/Kg-dry	1	10/19/2020 2:14:01 PM
1,1-Dichloroethene	ND	0.0226		mg/Kg-dry	1	10/19/2020 2:14:01 PM
trans-1,2-Dichloroethene	ND	0.0226		mg/Kg-dry	1	10/19/2020 2:14:01 PM
cis-1,2-Dichloroethene	ND	0.0226		mg/Kg-dry	1	10/19/2020 2:14:01 PM
Trichloroethene (TCE)	ND	0.0226		mg/Kg-dry	1	10/19/2020 2:14:01 PM
Tetrachloroethene (PCE)	ND	0.0226		mg/Kg-dry	1	10/19/2020 2:14:01 PM
Surr: Dibromofluoromethane	100	85.2 - 113		%Rec	1	10/19/2020 2:14:01 PM
Surr: Toluene-d8	109	88.5 - 110		%Rec	1	10/19/2020 2:14:01 PM
Surr: 1-Bromo-4-fluorobenzene	95.7	88.6 - 109		%Rec	1	10/19/2020 2:14:01 PM
Sample Moisture (Percent Moisture)				Batch ID: R62673		Analyst: RL
Percent Moisture	16.4	0.500		wt%	1	10/20/2020 9:53:47 AM

Lab ID: 2010293-002 **Collection Date:** 10/16/2020 12:50:00 PM
Client Sample ID: **B-P33-P43-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0236		mg/Kg-dry	1	10/19/2020 2:44:20 PM
1,1-Dichloroethene	ND	0.0236		mg/Kg-dry	1	10/19/2020 2:44:20 PM
trans-1,2-Dichloroethene	ND	0.0236		mg/Kg-dry	1	10/19/2020 2:44:20 PM
cis-1,2-Dichloroethene	ND	0.0236		mg/Kg-dry	1	10/19/2020 2:44:20 PM
Trichloroethene (TCE)	ND	0.0236		mg/Kg-dry	1	10/19/2020 2:44:20 PM
Tetrachloroethene (PCE)	0.340	0.0236		mg/Kg-dry	1	10/19/2020 2:44:20 PM
Surr: Dibromofluoromethane	97.5	85.2 - 113		%Rec	1	10/19/2020 2:44:20 PM
Surr: Toluene-d8	85.8	88.5 - 110	S	%Rec	1	10/19/2020 2:44:20 PM
Surr: 1-Bromo-4-fluorobenzene	94.2	88.6 - 109		%Rec	1	10/19/2020 2:44:20 PM

NOTES:
S - Outlying surrogate recovery(ies) observed.

Sample Moisture (Percent Moisture)				Batch ID: R62673		Analyst: RL
Percent Moisture	15.9	0.500		wt%	1	10/20/2020 9:53:47 AM

Analytical Report

Work Order: **2010293**
Date Reported: **10/20/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010293-003 **Collection Date:** 10/16/2020 1:30:00 PM
Client Sample ID: **B-DUP-1-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0251		mg/Kg-dry	1	10/19/2020 3:14:42 PM
1,1-Dichloroethene	ND	0.0251		mg/Kg-dry	1	10/19/2020 3:14:42 PM
trans-1,2-Dichloroethene	ND	0.0251		mg/Kg-dry	1	10/19/2020 3:14:42 PM
cis-1,2-Dichloroethene	ND	0.0251		mg/Kg-dry	1	10/19/2020 3:14:42 PM
Trichloroethene (TCE)	ND	0.0251		mg/Kg-dry	1	10/19/2020 3:14:42 PM
Tetrachloroethene (PCE)	ND	0.0251		mg/Kg-dry	1	10/19/2020 3:14:42 PM
Surr: Dibromofluoromethane	98.8	85.2 - 113		%Rec	1	10/19/2020 3:14:42 PM
Surr: Toluene-d8	105	88.5 - 110		%Rec	1	10/19/2020 3:14:42 PM
Surr: 1-Bromo-4-fluorobenzene	95.2	88.6 - 109		%Rec	1	10/19/2020 3:14:42 PM
Sample Moisture (Percent Moisture)				Batch ID: R62673		Analyst: RL
Percent Moisture	18.0	0.500		wt%	1	10/20/2020 9:53:47 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010293-004 **Collection Date:** 10/16/2020 1:55:00 PM
Client Sample ID: **B-P25-P14-58-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0252		mg/Kg-dry	1	10/19/2020 3:45:02 PM
1,1-Dichloroethene	ND	0.0252		mg/Kg-dry	1	10/19/2020 3:45:02 PM
trans-1,2-Dichloroethene	ND	0.0252		mg/Kg-dry	1	10/19/2020 3:45:02 PM
cis-1,2-Dichloroethene	2.82	0.252	D	mg/Kg-dry	10	10/20/2020 7:24:01 AM
Trichloroethene (TCE)	ND	0.0252		mg/Kg-dry	1	10/19/2020 3:45:02 PM
Tetrachloroethene (PCE)	ND	0.0252		mg/Kg-dry	1	10/19/2020 3:45:02 PM
Surr: Dibromofluoromethane	98.5	85.2 - 113		%Rec	1	10/19/2020 3:45:02 PM
Surr: Toluene-d8	99.4	88.5 - 110		%Rec	1	10/19/2020 3:45:02 PM
Surr: 1-Bromo-4-fluorobenzene	99.0	88.6 - 109		%Rec	1	10/19/2020 3:45:02 PM
Sample Moisture (Percent Moisture)				Batch ID: R62673		Analyst: RL
Percent Moisture	17.3	0.500		wt%	1	10/20/2020 9:53:47 AM

Lab ID: 2010293-005 **Collection Date:** 10/16/2020 2:00:00 PM
Client Sample ID: **B-P25-P16-59-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0237		mg/Kg-dry	1	10/19/2020 4:15:24 PM
1,1-Dichloroethene	ND	0.0237		mg/Kg-dry	1	10/19/2020 4:15:24 PM
trans-1,2-Dichloroethene	ND	0.0237		mg/Kg-dry	1	10/19/2020 4:15:24 PM
cis-1,2-Dichloroethene	ND	0.0237		mg/Kg-dry	1	10/19/2020 4:15:24 PM
Trichloroethene (TCE)	ND	0.0237		mg/Kg-dry	1	10/19/2020 4:15:24 PM
Tetrachloroethene (PCE)	ND	0.0237		mg/Kg-dry	1	10/19/2020 4:15:24 PM
Surr: Dibromofluoromethane	102	85.2 - 113		%Rec	1	10/19/2020 4:15:24 PM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/19/2020 4:15:24 PM
Surr: 1-Bromo-4-fluorobenzene	98.0	88.6 - 109		%Rec	1	10/19/2020 4:15:24 PM
Sample Moisture (Percent Moisture)				Batch ID: R62673		Analyst: RL
Percent Moisture	18.1	0.500		wt%	1	10/20/2020 9:53:47 AM

Analytical Report

Work Order: **2010293**
Date Reported: **10/20/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Work Order: 2010293
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30060**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/19/2020**	RunNo: **62668**
Client ID: **LCSS**	Batch ID: **30060**		Analysis Date: **10/19/2020**	SeqNo: **1257455**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.05	0.0200	1.000	0	105	66	131				
1,1-Dichloroethene	1.12	0.0200	1.000	0	112	63.4	139				
trans-1,2-Dichloroethene	1.06	0.0200	1.000	0	106	80.5	116				
cis-1,2-Dichloroethene	1.12	0.0200	1.000	0	112	81.8	114				
Trichloroethene (TCE)	1.12	0.0200	1.000	0	112	80.8	117				
Tetrachloroethene (PCE)	0.823	0.0200	1.000	0	82.3	81.8	116				
Surr: Dibromofluoromethane	1.30		1.250		104	85.2	113				
Surr: Toluene-d8	1.29		1.250		103	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.27		1.250		101	88.6	109				

Sample ID: **MB-30060**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/19/2020**	RunNo: **62668**
Client ID: **MBLKS**	Batch ID: **30060**		Analysis Date: **10/19/2020**	SeqNo: **1257456**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.34		1.250		107	85.2	113				
Surr: Toluene-d8	1.35		1.250		108	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.13		1.250		90.4	88.6	109				

Sample ID: **2010262-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/19/2020**	RunNo: **62668**
Client ID: **BATCH**	Batch ID: **30060**		Analysis Date: **10/19/2020**	SeqNo: **1257429**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0283						0		30	

Work Order: 2010293
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010262-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **BATCH** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257429**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0283						0		30	
trans-1,2-Dichloroethene	ND	0.0283						0		30	
cis-1,2-Dichloroethene	ND	0.0283						0		30	
Trichloroethene (TCE)	ND	0.0283						0		30	
Tetrachloroethene (PCE)	0.191	0.0283						0.1941	1.45	30	
Surr: Dibromofluoromethane	1.76		1.768		99.7	85.2	113		0		
Surr: Toluene-d8	1.73		1.768		97.7	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.68		1.768		95.2	88.6	109		0		

Sample ID: **2010262-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **BATCH** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257431**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.11	0.0175	0.8766	0	127	52.8	150				
1,1-Dichloroethene	1.06	0.0175	0.8766	0	121	62.9	149				
trans-1,2-Dichloroethene	1.02	0.0175	0.8766	0	117	73.1	130				
cis-1,2-Dichloroethene	1.03	0.0175	0.8766	0	118	77.5	125				
Trichloroethene (TCE)	1.17	0.0175	0.8766	0	133	72	133				S
Tetrachloroethene (PCE)	0.996	0.0175	0.8766	0.08977	103	72.7	128				
Surr: Dibromofluoromethane	1.16		1.096		106	85.2	113				
Surr: Toluene-d8	1.01		1.096		92.4	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	0.940		1.096		85.8	88.6	109				S

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.
S - Outlying surrogate recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Work Order: 2010293
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010262-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **BATCH** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257432**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.05	0.0175	0.8766	0	120	52.8	150	1.113	5.86	30	
1,1-Dichloroethene	1.07	0.0175	0.8766	0	122	62.9	149	1.063	0.602	30	
trans-1,2-Dichloroethene	0.975	0.0175	0.8766	0	111	73.1	130	1.022	4.73	30	
cis-1,2-Dichloroethene	0.987	0.0175	0.8766	0	113	77.5	125	1.035	4.74	30	
Trichloroethene (TCE)	1.09	0.0175	0.8766	0	125	72	133	1.169	6.83	30	
Tetrachloroethene (PCE)	0.949	0.0175	0.8766	0.08977	98.0	72.7	128	0.9956	4.81	30	
Surr: Dibromofluoromethane	1.16		1.096		106	85.2	113		0		
Surr: Toluene-d8	1.02		1.096		93.4	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.09		1.096		99.3	88.6	109		0		

Sample ID: **2010275-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **BATCH** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257436**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0181						0		30	
1,1-Dichloroethene	ND	0.0181						0		30	
trans-1,2-Dichloroethene	ND	0.0181						0		30	
cis-1,2-Dichloroethene	ND	0.0181						0		30	
Trichloroethene (TCE)	ND	0.0181						0		30	
Tetrachloroethene (PCE)	ND	0.0181						0		30	
Surr: Dibromofluoromethane	1.11		1.130		98.4	85.2	113		0		
Surr: Toluene-d8	1.12		1.130		99.5	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.27		1.130		113	88.6	109		0		S

NOTES:
S - Outlying surrogate recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010293**
Logged by:	**Gabrielle Coeuille**	Date Received:	**10/19/2020 9:05:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	5.8

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/19/20 Page: 1 of:

Project Name: Maddux North

Project No: 160324

Collected by: Kristin Beck

Location: Seattle, WA

Report To (PM): Andrew Yankofski

PM Email: ayankofski@aspectconsulting.com

Laboratory Project No (internal): 20102093

Special Remarks: 24 Hr Turn (Noon).

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave S. Suite 550

City, State, Zip:

Telephone:

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs				Comments
1	B-P33-P45-60-N	10/16/20	1245	S													X					
2	B-P33-P43-60-N		1250														X					
3	B-DUP-1-N		1330														X					
4	B-P25-P14-58-N		1355														X					
5	B-P25-P16-59-N		1400														X					
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/19/2020 0840	x [signature]	10/19/20 08:40
x [signature]	10/19/20 09:05	x [signature]	10/19/20 0905

Turn-around Time:
- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day 24 Hr
- Same Day (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010317

October 22, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 5 sample(s) on 10/20/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/22/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010317

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010317-001	B-P27-P16-60-N	10/19/2020 9:47 AM	10/20/2020 9:08 AM
2010317-002	B-P23-P14-60-N	10/19/2020 10:57 AM	10/20/2020 9:08 AM
2010317-003	B-P27-P14-60-N	10/19/2020 12:38 PM	10/20/2020 9:08 AM
2010317-004	B-P29-P14-60-N	10/19/2020 12:45 PM	10/20/2020 9:08 AM
2010317-005	Trip Blank	09/22/2020 12:57 PM	10/20/2020 9:08 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010317**
Date: **10/22/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010317-001 **Collection Date:** 10/19/2020 9:47:00 AM
Client Sample ID: **B-P27-P16-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30081		Analyst: KT
Vinyl chloride	ND	0.0230		mg/Kg-dry	1	10/21/2020 11:44:55 AM
1,1-Dichloroethene	ND	0.0230		mg/Kg-dry	1	10/21/2020 11:44:55 AM
trans-1,2-Dichloroethene	ND	0.0230		mg/Kg-dry	1	10/21/2020 11:44:55 AM
cis-1,2-Dichloroethene	0.268	0.0230		mg/Kg-dry	1	10/21/2020 11:44:55 AM
Trichloroethene (TCE)	0.746	0.0230		mg/Kg-dry	1	10/21/2020 11:44:55 AM
Tetrachloroethene (PCE)	6.59	0.0230	E	mg/Kg-dry	1	10/21/2020 11:44:55 AM
Surr: Dibromofluoromethane	98.6	85.2 - 113		%Rec	1	10/21/2020 11:44:55 AM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/21/2020 11:44:55 AM
Surr: 1-Bromo-4-fluorobenzene	102	88.6 - 109		%Rec	1	10/21/2020 11:44:55 AM
Sample Moisture (Percent Moisture)				Batch ID: R62687		Analyst: RL
Percent Moisture	19.1	0.500		wt%	1	10/20/2020 11:32:15 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Lab ID: 2010317-002 **Collection Date:** 10/19/2020 10:57:00 AM
Client Sample ID: **B-P23-P14-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30081		Analyst: KT
Vinyl chloride	ND	0.0201		mg/Kg-dry	1	10/21/2020 12:15:02 PM
1,1-Dichloroethene	ND	0.0201		mg/Kg-dry	1	10/21/2020 12:15:02 PM
trans-1,2-Dichloroethene	ND	0.0201		mg/Kg-dry	1	10/21/2020 12:15:02 PM
cis-1,2-Dichloroethene	0.0344	0.0201		mg/Kg-dry	1	10/21/2020 12:15:02 PM
Trichloroethene (TCE)	0.0268	0.0201		mg/Kg-dry	1	10/21/2020 12:15:02 PM
Tetrachloroethene (PCE)	0.808	0.0201		mg/Kg-dry	1	10/21/2020 12:15:02 PM
Surr: Dibromofluoromethane	98.9	85.2 - 113		%Rec	1	10/21/2020 12:15:02 PM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/21/2020 12:15:02 PM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109		%Rec	1	10/21/2020 12:15:02 PM
Sample Moisture (Percent Moisture)				Batch ID: R62687		Analyst: RL
Percent Moisture	16.3	0.500		wt%	1	10/20/2020 11:32:15 AM

Analytical Report

Work Order: **2010317**
Date Reported: **10/22/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010317-003 **Collection Date:** 10/19/2020 12:38:00 PM
Client Sample ID: **B-P27-P14-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30081		Analyst: KT
Vinyl chloride	0.0316	0.0234		mg/Kg-dry	1	10/21/2020 12:45:09 PM
1,1-Dichloroethene	ND	0.0234		mg/Kg-dry	1	10/21/2020 12:45:09 PM
trans-1,2-Dichloroethene	ND	0.0234		mg/Kg-dry	1	10/21/2020 12:45:09 PM
cis-1,2-Dichloroethene	1.10	0.0234		mg/Kg-dry	1	10/21/2020 12:45:09 PM
Trichloroethene (TCE)	0.921	0.0234		mg/Kg-dry	1	10/21/2020 12:45:09 PM
Tetrachloroethene (PCE)	6.13	0.0234	E	mg/Kg-dry	1	10/21/2020 12:45:09 PM
Surr: Dibromofluoromethane	100	85.2 - 113		%Rec	1	10/21/2020 12:45:09 PM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/21/2020 12:45:09 PM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109		%Rec	1	10/21/2020 12:45:09 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample Moisture (Percent Moisture)				Batch ID: R62687		Analyst: RL
Percent Moisture	17.9	0.500		wt%	1	10/20/2020 11:32:15 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010317-004 **Collection Date:** 10/19/2020 12:45:00 PM
Client Sample ID: **B-P29-P14-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30081		Analyst: KT
Vinyl chloride	ND	0.0248		mg/Kg-dry	1	10/21/2020 1:15:17 PM
1,1-Dichloroethene	ND	0.0248		mg/Kg-dry	1	10/21/2020 1:15:17 PM
trans-1,2-Dichloroethene	ND	0.0248		mg/Kg-dry	1	10/21/2020 1:15:17 PM
cis-1,2-Dichloroethene	1.33	0.0248		mg/Kg-dry	1	10/21/2020 1:15:17 PM
Trichloroethene (TCE)	0.0326	0.0248		mg/Kg-dry	1	10/21/2020 1:15:17 PM
Tetrachloroethene (PCE)	0.0489	0.0248		mg/Kg-dry	1	10/21/2020 1:15:17 PM
Surr: Dibromofluoromethane	98.3	85.2 - 113		%Rec	1	10/21/2020 1:15:17 PM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/21/2020 1:15:17 PM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109		%Rec	1	10/21/2020 1:15:17 PM
Sample Moisture (Percent Moisture)				Batch ID: R62687		Analyst: RL
Percent Moisture	16.9	0.500		wt%	1	10/20/2020 11:32:15 AM

Lab ID: 2010317-005 **Collection Date:** 9/22/2020 12:57:00 PM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30081		Analyst: KT
Vinyl chloride	ND	0.0200	H	mg/Kg	1	10/21/2020 11:14:48 AM
1,1-Dichloroethene	ND	0.0200	H	mg/Kg	1	10/21/2020 11:14:48 AM
trans-1,2-Dichloroethene	ND	0.0200	H	mg/Kg	1	10/21/2020 11:14:48 AM
cis-1,2-Dichloroethene	ND	0.0200	H	mg/Kg	1	10/21/2020 11:14:48 AM
Trichloroethene (TCE)	ND	0.0200	H	mg/Kg	1	10/21/2020 11:14:48 AM
Tetrachloroethene (PCE)	ND	0.0200	H	mg/Kg	1	10/21/2020 11:14:48 AM
Surr: Dibromofluoromethane	97.9	85.2 - 113	H	%Rec	1	10/21/2020 11:14:48 AM
Surr: Toluene-d8	103	88.5 - 110	H	%Rec	1	10/21/2020 11:14:48 AM
Surr: 1-Bromo-4-fluorobenzene	99.7	88.6 - 109	H	%Rec	1	10/21/2020 11:14:48 AM

Work Order: 2010317
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30081**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/20/2020**	RunNo: **62732**
Client ID: **LCSS**	Batch ID: **30081**		Analysis Date: **10/21/2020**	SeqNo: **1258697**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.19	0.0200	1.000	0	119	66	131				
1,1-Dichloroethene	1.13	0.0200	1.000	0	113	63.4	139				
trans-1,2-Dichloroethene	1.08	0.0200	1.000	0	108	80.5	116				
cis-1,2-Dichloroethene	1.08	0.0200	1.000	0	108	81.8	114				
Trichloroethene (TCE)	1.10	0.0200	1.000	0	110	80.8	117				
Tetrachloroethene (PCE)	1.09	0.0200	1.000	0	109	81.8	116				
Surr: Dibromofluoromethane	1.32		1.250		106	85.2	113				
Surr: Toluene-d8	1.30		1.250		104	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.26		1.250		101	88.6	109				

Sample ID: **MB-30081**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/20/2020**	RunNo: **62732**
Client ID: **MBLKS**	Batch ID: **30081**		Analysis Date: **10/21/2020**	SeqNo: **1258698**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.23		1.250		98.6	85.2	113				
Surr: Toluene-d8	1.27		1.250		102	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		100	88.6	109				

Sample ID: **2010317-004BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/20/2020**	RunNo: **62732**
Client ID: **B-P29-P14-60-N**	Batch ID: **30081**		Analysis Date: **10/21/2020**	SeqNo: **1258745**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0248						0		30	

Work Order: 2010317
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010317-004BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/20/2020** RunNo: **62732**
Client ID: **B-P29-P14-60-N** Batch ID: **30081** Analysis Date: **10/21/2020** SeqNo: **1258745**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0248						0		30	
trans-1,2-Dichloroethene	ND	0.0248						0		30	
cis-1,2-Dichloroethene	1.29	0.0248						1.326	2.50	30	
Trichloroethene (TCE)	0.0291	0.0248						0.03257	11.3	30	
Tetrachloroethene (PCE)	0.0279	0.0248						0.04893	54.8	30	
Surr: Dibromofluoromethane	1.51		1.548		97.8	85.2	113		0		
Surr: Toluene-d8	1.57		1.548		102	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.54		1.548		99.4	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010317**
Logged by:	**Carissa True**	Date Received:	**10/20/2020 9:08:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI		

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
9.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
10.	Are samples properly preserved?	Yes ☑	No ☐	
11.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
14.	Does paperwork match bottle labels?	Yes ☑	No ☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
16.	Is it clear what analyses were requested?	Yes ☑	No ☐	
17.	Were all holding times able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	2.7

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/19/20 | Page: 1 of: 1 | Laboratory Project No (internal): 2010317

Project Name: Maddux N | Special Remarks:

Project No: 160324

Client: Aspect

Collected by: RAE

Address: 710 2nd Ave, Ste 550

Location: Maddux N

City, State, Zip: Seattle, WA 98104

Report To (PM): Andrew Yankofski | Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Telephone:

Fax:

PM Email: ayankofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	CHLOS	Comments
1	B-P27-P16-60-N	10/19/20	0947	S													X		
2	B-P23-P14-60-N		1057														X		
3	B-P27-P14-60-N		1238														X		
4	B-P29-P14-60N		1245														X		
5	Trip Blank	—	—	W													X		
6																			
7																			
8																			
9																			
10																			

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/20/2020 0840	x [signature]	10/20/20 08:49
Relinquished	Date/Time	Received	Date/Time
x [signature]	10/20/20 09:08	x [signature]	10/20/20 0909

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day 24hr TAT
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux N
Work Order Number: 2010331

October 22, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 7 sample(s) on 10/20/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/22/2020*

CLIENT: Aspect Consulting
Project: Maddux N
Work Order: 2010331

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010331-001	B-P31-P43-60-N	10/20/2020 9:25 AM	10/20/2020 1:51 PM
2010331-002	B-P29-P12-60-N	10/20/2020 10:50 AM	10/20/2020 1:51 PM
2010331-003	B-P31-P45-60-N	10/20/2020 11:00 AM	10/20/2020 1:51 PM
2010331-004	B-P31-P47-60-N	10/20/2020 11:10 AM	10/20/2020 1:51 PM
2010331-005	B-P27-P12-60-N	10/20/2020 11:30 AM	10/20/2020 1:51 PM
2010331-006	B-P33-P41-57-N	10/20/2020 12:30 PM	10/20/2020 1:51 PM
2010331-007	B-P31-P41-57-N	10/20/2020 12:45 PM	10/20/2020 1:51 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010331**
Date: **10/22/2020**

CLIENT: Aspect Consulting
Project: Maddux N

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
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S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
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Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010331**
Date Reported: **10/22/2020**

CLIENT: Aspect Consulting
Project: Maddux N

Lab ID: 2010331-001 **Collection Date:** 10/20/2020 9:25:00 AM
Client Sample ID: **B-P31-P43-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30101		Analyst: CR
Vinyl chloride	ND	0.0251		mg/Kg-dry	1	10/21/2020 5:19:27 AM
1,1-Dichloroethene	ND	0.0251		mg/Kg-dry	1	10/21/2020 5:19:27 AM
trans-1,2-Dichloroethene	ND	0.0251		mg/Kg-dry	1	10/21/2020 5:19:27 AM
cis-1,2-Dichloroethene	0.463	0.0251		mg/Kg-dry	1	10/21/2020 5:19:27 AM
Trichloroethene (TCE)	0.613	0.0251		mg/Kg-dry	1	10/21/2020 5:19:27 AM
Tetrachloroethene (PCE)	8.52	0.0251	E	mg/Kg-dry	1	10/21/2020 5:19:27 AM
Surr: Dibromofluoromethane	98.3	85.2 - 113		%Rec	1	10/21/2020 5:19:27 AM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/21/2020 5:19:27 AM
Surr: 1-Bromo-4-fluorobenzene	98.4	88.6 - 109		%Rec	1	10/21/2020 5:19:27 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample Moisture (Percent Moisture)				Batch ID: R62707		Analyst: CJ
Percent Moisture	18.2	0.500		wt%	1	10/20/2020 4:14:04 PM

Analytical Report

Work Order: **2010331**
Date Reported: **10/22/2020**

CLIENT: Aspect Consulting
Project: Maddux N

Lab ID: 2010331-002 **Collection Date:** 10/20/2020 10:50:00 AM
Client Sample ID: **B-P29-P12-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30101		Analyst: CR
Vinyl chloride	ND	0.0241		mg/Kg-dry	1	10/21/2020 5:49:54 AM
1,1-Dichloroethene	ND	0.0241		mg/Kg-dry	1	10/21/2020 5:49:54 AM
trans-1,2-Dichloroethene	ND	0.0241		mg/Kg-dry	1	10/21/2020 5:49:54 AM
cis-1,2-Dichloroethene	0.288	0.0241		mg/Kg-dry	1	10/21/2020 5:49:54 AM
Trichloroethene (TCE)	0.325	0.0241		mg/Kg-dry	1	10/21/2020 5:49:54 AM
Tetrachloroethene (PCE)	3.07	0.0241		mg/Kg-dry	1	10/21/2020 5:49:54 AM
Surr: Dibromofluoromethane	97.6	85.2 - 113		%Rec	1	10/21/2020 5:49:54 AM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/21/2020 5:49:54 AM
Surr: 1-Bromo-4-fluorobenzene	99.6	88.6 - 109		%Rec	1	10/21/2020 5:49:54 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample Moisture (Percent Moisture)				Batch ID: R62707		Analyst: CJ
Percent Moisture	19.5	0.500		wt%	1	10/20/2020 4:14:04 PM

CLIENT: Aspect Consulting
Project: Maddux N

Lab ID: 2010331-003 **Collection Date:** 10/20/2020 11:00:00 AM
Client Sample ID: **B-P31-P45-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30101		Analyst: CR
Vinyl chloride	ND	0.0219		mg/Kg-dry	1	10/21/2020 6:20:16 AM
1,1-Dichloroethene	ND	0.0219		mg/Kg-dry	1	10/21/2020 6:20:16 AM
trans-1,2-Dichloroethene	ND	0.0219		mg/Kg-dry	1	10/21/2020 6:20:16 AM
cis-1,2-Dichloroethene	0.591	0.0219		mg/Kg-dry	1	10/21/2020 6:20:16 AM
Trichloroethene (TCE)	0.760	0.0219		mg/Kg-dry	1	10/21/2020 6:20:16 AM
Tetrachloroethene (PCE)	12.8	0.0219	E	mg/Kg-dry	1	10/21/2020 6:20:16 AM
Surr: Dibromofluoromethane	94.9	85.2 - 113		%Rec	1	10/21/2020 6:20:16 AM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/21/2020 6:20:16 AM
Surr: 1-Bromo-4-fluorobenzene	99.6	88.6 - 109		%Rec	1	10/21/2020 6:20:16 AM
Sample Moisture (Percent Moisture)				Batch ID: R62707		Analyst: CJ
Percent Moisture	19.7	0.500		wt%	1	10/20/2020 4:14:04 PM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Lab ID: 2010331-004 **Collection Date:** 10/20/2020 11:10:00 AM
Client Sample ID: **B-P31-P47-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30101		Analyst: CR
Vinyl chloride	ND	0.0202		mg/Kg-dry	1	10/21/2020 11:20:11 PM
1,1-Dichloroethene	ND	0.0202		mg/Kg-dry	1	10/21/2020 11:20:11 PM
trans-1,2-Dichloroethene	ND	0.0202		mg/Kg-dry	1	10/21/2020 11:20:11 PM
cis-1,2-Dichloroethene	0.0247	0.0202		mg/Kg-dry	1	10/21/2020 11:20:11 PM
Trichloroethene (TCE)	0.0248	0.0202		mg/Kg-dry	1	10/21/2020 11:20:11 PM
Tetrachloroethene (PCE)	0.373	0.0202		mg/Kg-dry	1	10/21/2020 11:20:11 PM
Surr: Dibromofluoromethane	89.7	85.2 - 113		%Rec	1	10/21/2020 11:20:11 PM
Surr: Toluene-d8	104	88.5 - 110		%Rec	1	10/21/2020 11:20:11 PM
Surr: 1-Bromo-4-fluorobenzene	99.0	88.6 - 109		%Rec	1	10/21/2020 11:20:11 PM
Sample Moisture (Percent Moisture)				Batch ID: R62707		Analyst: CJ
Percent Moisture	14.9	0.500		wt%	1	10/20/2020 4:14:04 PM

Analytical Report

Work Order: **2010331**
Date Reported: **10/22/2020**

CLIENT: Aspect Consulting
Project: Maddux N

Lab ID: 2010331-005 **Collection Date:** 10/20/2020 11:30:00 AM
Client Sample ID: **B-P27-P12-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30101		Analyst: CR
Vinyl chloride	ND	0.0229		mg/Kg-dry	1	10/21/2020 7:20:47 AM
1,1-Dichloroethene	ND	0.0229		mg/Kg-dry	1	10/21/2020 7:20:47 AM
trans-1,2-Dichloroethene	ND	0.0229		mg/Kg-dry	1	10/21/2020 7:20:47 AM
cis-1,2-Dichloroethene	0.0310	0.0229		mg/Kg-dry	1	10/21/2020 7:20:47 AM
Trichloroethene (TCE)	ND	0.0229		mg/Kg-dry	1	10/21/2020 7:20:47 AM
Tetrachloroethene (PCE)	0.445	0.0229		mg/Kg-dry	1	10/21/2020 7:20:47 AM
Surr: Dibromofluoromethane	97.6	85.2 - 113		%Rec	1	10/21/2020 7:20:47 AM
Surr: Toluene-d8	104	88.5 - 110		%Rec	1	10/21/2020 7:20:47 AM
Surr: 1-Bromo-4-fluorobenzene	99.6	88.6 - 109		%Rec	1	10/21/2020 7:20:47 AM
Sample Moisture (Percent Moisture)				Batch ID: R62707		Analyst: CJ
Percent Moisture	16.8	0.500		wt%	1	10/20/2020 4:14:04 PM

CLIENT: Aspect Consulting
Project: Maddux N

Lab ID: 2010331-006 **Collection Date:** 10/20/2020 12:30:00 PM
Client Sample ID: **B-P33-P41-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30101		Analyst: CR
Vinyl chloride	ND	0.0233		mg/Kg-dry	1	10/21/2020 7:51:12 AM
1,1-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/21/2020 7:51:12 AM
trans-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/21/2020 7:51:12 AM
cis-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/21/2020 7:51:12 AM
Trichloroethene (TCE)	0.0360	0.0233		mg/Kg-dry	1	10/21/2020 7:51:12 AM
Tetrachloroethene (PCE)	2.76	0.0233	E	mg/Kg-dry	1	10/21/2020 7:51:12 AM
Surr: Dibromofluoromethane	99.1	85.2 - 113		%Rec	1	10/21/2020 7:51:12 AM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/21/2020 7:51:12 AM
Surr: 1-Bromo-4-fluorobenzene	98.7	88.6 - 109		%Rec	1	10/21/2020 7:51:12 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample Moisture (Percent Moisture)				Batch ID: R62707		Analyst: CJ
Percent Moisture	21.9	0.500		wt%	1	10/20/2020 4:14:04 PM

Lab ID: 2010331-007 **Collection Date:** 10/20/2020 12:45:00 PM
Client Sample ID: **B-P31-P41-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30101		Analyst: CR
Vinyl chloride	ND	0.0213		mg/Kg-dry	1	10/21/2020 8:51:35 AM
1,1-Dichloroethene	ND	0.0213		mg/Kg-dry	1	10/21/2020 8:51:35 AM
trans-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	10/21/2020 8:51:35 AM
cis-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	10/21/2020 8:51:35 AM
Trichloroethene (TCE)	ND	0.0213		mg/Kg-dry	1	10/21/2020 8:51:35 AM
Tetrachloroethene (PCE)	ND	0.0213		mg/Kg-dry	1	10/21/2020 8:51:35 AM
Surr: Dibromofluoromethane	99.7	85.2 - 113		%Rec	1	10/21/2020 8:51:35 AM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/21/2020 8:51:35 AM
Surr: 1-Bromo-4-fluorobenzene	99.2	88.6 - 109		%Rec	1	10/21/2020 8:51:35 AM

Sample Moisture (Percent Moisture)				Batch ID: R62707		Analyst: CJ
Percent Moisture	13.1	0.500		wt%	1	10/20/2020 4:14:04 PM

Analytical Report

Work Order: **2010331**
Date Reported: **10/22/2020**

CLIENT: Aspect Consulting
Project: Maddux N

Work Order: 2010331
CLIENT: Aspect Consulting
Project: Maddux N

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30101** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/20/2020** RunNo: **62719**
Client ID: **LCSS** Batch ID: **30101** Analysis Date: **10/21/2020** SeqNo: **1258492**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.803	0.0200	1.000	0	80.3	66	131				
1,1-Dichloroethene	1.09	0.0200	1.000	0	109	63.4	139				
trans-1,2-Dichloroethene	1.03	0.0200	1.000	0	103	80.5	116				
cis-1,2-Dichloroethene	1.04	0.0200	1.000	0	104	81.8	114				
Trichloroethene (TCE)	1.02	0.0200	1.000	0	102	80.8	117				
Tetrachloroethene (PCE)	0.961	0.0200	1.000	0	96.1	81.8	116				
Surr: Dibromofluoromethane	1.16		1.250		92.6	85.2	113				
Surr: Toluene-d8	1.29		1.250		103	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.30		1.250		104	88.6	109				

Sample ID: **MB-30101** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/20/2020** RunNo: **62719**
Client ID: **MBLKS** Batch ID: **30101** Analysis Date: **10/21/2020** SeqNo: **1258493**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.13		1.250		90.7	85.2	113				
Surr: Toluene-d8	1.28		1.250		102	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.250		98.8	88.6	109				

Sample ID: **2010331-006BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/20/2020** RunNo: **62719**
Client ID: **B-P33-P41-57-N** Batch ID: **30101** Analysis Date: **10/21/2020** SeqNo: **1258489**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0233						0		30	

Work Order: 2010331
CLIENT: Aspect Consulting
Project: Maddux N

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010331-006BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/20/2020** RunNo: **62719**
Client ID: **B-P33-P41-57-N** Batch ID: **30101** Analysis Date: **10/21/2020** SeqNo: **1258489**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0233						0		30	
trans-1,2-Dichloroethene	ND	0.0233						0		30	
cis-1,2-Dichloroethene	ND	0.0233						0		30	
Trichloroethene (TCE)	0.0360	0.0233						0.03597	0.123	30	
Tetrachloroethene (PCE)	2.67	0.0233						2.756	3.16	30	E
Surr: Dibromofluoromethane	1.47		1.458		101	85.2	113		0		
Surr: Toluene-d8	1.51		1.458		103	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.45		1.458		99.6	88.6	109		0		

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID: **2010331-007BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/20/2020** RunNo: **62719**
Client ID: **B-P31-P41-57-N** Batch ID: **30101** Analysis Date: **10/21/2020** SeqNo: **1258720**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.10	0.0213	1.065	0	104	52.8	150				
1,1-Dichloroethene	1.23	0.0213	1.065	0	116	62.9	149				
trans-1,2-Dichloroethene	1.15	0.0213	1.065	0	108	73.1	130				
cis-1,2-Dichloroethene	1.16	0.0213	1.065	0	109	77.5	125				
Trichloroethene (TCE)	1.60	0.0213	1.065	0	151	72	133				S
Tetrachloroethene (PCE)	1.03	0.0213	1.065	0.009730	95.9	72.7	128				
Surr: Dibromofluoromethane	1.20		1.332		89.8	85.2	113				
Surr: Toluene-d8	1.41		1.332		106	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.39		1.332		105	88.6	109				

NOTES:
S - Outlying spike recovery(ies) observed.

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010331**
Logged by:	**Clare Griggs**	Date Received:	**10/20/2020 1:51:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No ☐	Not Present	☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No ☐	NA	☐
4.	Shipping container/cooler in good condition?	Yes	☑	No ☐		
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☑	No ☐	Not Present	☐
6.	Was an attempt made to cool the samples?	Yes	☑	No ☐	NA	☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☐	No ☑	NA	☐
	Samples were collected the same day and chilled.					
8.	Sample(s) in proper container(s)?	Yes	☑	No ☐		
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No ☐		
10.	Are samples properly preserved?	Yes	☑	No ☐		
11.	Was preservative added to bottles?	Yes	☐	No ☑	NA	☐
12.	Is there headspace in the VOA vials?	Yes	☐	No ☐	NA	☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No ☐		
14.	Does paperwork match bottle labels?	Yes	☑	No ☐		
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No ☐		
16.	Is it clear what analyses were requested?	Yes	☑	No ☐		
17.	Were all holding times able to be met?	Yes	☑	No ☐		

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No ☐	NA	☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample	9.9

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/20/20 Page: 1 of: 1

Laboratory Project No (internal): 2010331

Project Name: Maddux N

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste 550

Collected by: RAC

City, State, Zip: Seattle, WA 98104

Location: Maddux N

Telephone: (206) 413-5411

Report To (PM): Andrew Yonkofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	CVOCs				Comments
1	B-P31-P43-60-N	10/20/20	0925	S												X					
2	B-P29-P12-60-N		1050													X					
3	B-P31-P45-60-N		1100													X					
4	B-P31-P47-60-N		1110													X					
5	B-P27-P12-60-N		1130													X					
6	B-P33-P41-57-N		1230													X					
7	B-P31-P41-57-N	↓	1245	↓												X					
8																					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	1335 10/20/20	x [signature]	10/20/20 1351
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day 24 hr
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010345

October 23, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 2 sample(s) on 10/21/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/23/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010345

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010345-001	B-P29-P16-57-N	10/21/2020 10:05 AM	10/21/2020 2:39 PM
2010345-002	B-P33-P43-57-N	10/21/2020 10:15 AM	10/21/2020 2:39 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010345**
Date: **10/23/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010345-001 **Collection Date:** 10/21/2020 10:05:00 AM
Client Sample ID: **B-P29-P16-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30120		Analyst: CR
Vinyl chloride	ND	0.0153		mg/Kg-dry	1	10/22/2020 11:18:13 PM
1,1-Dichloroethene	ND	0.0153		mg/Kg-dry	1	10/22/2020 11:18:13 PM
trans-1,2-Dichloroethene	ND	0.0153		mg/Kg-dry	1	10/22/2020 11:18:13 PM
cis-1,2-Dichloroethene	ND	0.0153		mg/Kg-dry	1	10/22/2020 11:18:13 PM
Trichloroethene (TCE)	ND	0.0153		mg/Kg-dry	1	10/22/2020 11:18:13 PM
Tetrachloroethene (PCE)	ND	0.0153		mg/Kg-dry	1	10/22/2020 11:18:13 PM
Surr: Dibromofluoromethane	95.7	85.2 - 113		%Rec	1	10/22/2020 11:18:13 PM
Surr: Toluene-d8	97.0	88.5 - 110		%Rec	1	10/22/2020 11:18:13 PM
Surr: 1-Bromo-4-fluorobenzene	96.8	88.6 - 109		%Rec	1	10/22/2020 11:18:13 PM
Sample Moisture (Percent Moisture)				Batch ID: R62755		Analyst: RL
Percent Moisture	17.9	0.500		wt%	1	10/22/2020 9:48:20 AM

Lab ID: 2010345-002 **Collection Date:** 10/21/2020 10:15:00 AM
Client Sample ID: **B-P33-P43-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30120		Analyst: CR
Vinyl chloride	ND	0.0126		mg/Kg-dry	1	10/22/2020 11:48:28 PM
1,1-Dichloroethene	ND	0.0126		mg/Kg-dry	1	10/22/2020 11:48:28 PM
trans-1,2-Dichloroethene	ND	0.0126		mg/Kg-dry	1	10/22/2020 11:48:28 PM
cis-1,2-Dichloroethene	0.153	0.0126		mg/Kg-dry	1	10/22/2020 11:48:28 PM
Trichloroethene (TCE)	ND	0.0126		mg/Kg-dry	1	10/22/2020 11:48:28 PM
Tetrachloroethene (PCE)	ND	0.0126		mg/Kg-dry	1	10/22/2020 11:48:28 PM
Surr: Dibromofluoromethane	96.5	85.2 - 113		%Rec	1	10/22/2020 11:48:28 PM
Surr: Toluene-d8	96.8	88.5 - 110		%Rec	1	10/22/2020 11:48:28 PM
Surr: 1-Bromo-4-fluorobenzene	97.0	88.6 - 109		%Rec	1	10/22/2020 11:48:28 PM
Sample Moisture (Percent Moisture)				Batch ID: R62755		Analyst: RL
Percent Moisture	13.5	0.500		wt%	1	10/22/2020 9:48:20 AM

Analytical Report

Work Order: **2010345**
Date Reported: **10/23/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Work Order: 2010345
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30120** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/22/2020** RunNo: **62791**
Client ID: **LCSS** Batch ID: **30120** Analysis Date: **10/22/2020** SeqNo: **1260270**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.03	0.0200	1.000	0	103	66	131				
1,1-Dichloroethene	0.918	0.0200	1.000	0	91.8	63.4	139				
trans-1,2-Dichloroethene	0.977	0.0200	1.000	0	97.7	80.5	116				
cis-1,2-Dichloroethene	0.977	0.0200	1.000	0	97.7	81.8	114				
Trichloroethene (TCE)	0.959	0.0200	1.000	0	95.9	80.8	117				
Tetrachloroethene (PCE)	0.954	0.0200	1.000	0	95.4	81.8	116				
Surr: Dibromofluoromethane	1.29		1.250		103	85.2	113				
Surr: Toluene-d8	1.22		1.250		97.7	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.28		1.250		103	88.6	109				

Sample ID: **MB-30120** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/22/2020** RunNo: **62791**
Client ID: **MBLKS** Batch ID: **30120** Analysis Date: **10/22/2020** SeqNo: **1260271**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.21		1.250		96.9	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.6	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.22		1.250		97.2	88.6	109				

Sample ID: **2010272-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/22/2020** RunNo: **62791**
Client ID: **BATCH** Batch ID: **30120** Analysis Date: **10/22/2020** SeqNo: **1260248**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0121						0		30	

Work Order: 2010345
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010272-003BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/22/2020** RunNo: **62791**
Client ID: **BATCH** Batch ID: **30120** Analysis Date: **10/22/2020** SeqNo: **1260248**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0121						0		30	
trans-1,2-Dichloroethene	ND	0.0121						0		30	
cis-1,2-Dichloroethene	ND	0.0121						0		30	
Trichloroethene (TCE)	ND	0.0121						0		30	
Tetrachloroethene (PCE)	ND	0.0121						0		30	
Surr: Dibromofluoromethane	0.724		0.7562		95.7	85.2	113		0		
Surr: Toluene-d8	0.730		0.7562		96.5	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	0.726		0.7562		96.0	88.6	109		0		

Sample ID: **2010340-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/22/2020** RunNo: **62791**
Client ID: **BATCH** Batch ID: **30120** Analysis Date: **10/22/2020** SeqNo: **1260260**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0240						0		30	
1,1-Dichloroethene	ND	0.0240						0		30	
trans-1,2-Dichloroethene	ND	0.0240						0		30	
cis-1,2-Dichloroethene	ND	0.0240						0		30	
Trichloroethene (TCE)	ND	0.0240						0		30	
Tetrachloroethene (PCE)	ND	0.0240						0		30	
Surr: Dibromofluoromethane	1.44		1.503		95.8	85.2	113		0		
Surr: Toluene-d8	1.45		1.503		96.3	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.45		1.503		96.2	88.6	109		0		

Sample ID: **2010272-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/22/2020** RunNo: **62791**
Client ID: **BATCH** Batch ID: **30120** Analysis Date: **10/23/2020** SeqNo: **1260245**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.585	0.0119	0.5936	0	98.6	52.8	150				
1,1-Dichloroethene	0.518	0.0119	0.5936	0	87.3	62.9	149				

Work Order: 2010345
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010272-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/22/2020** RunNo: **62791**
Client ID: **BATCH** Batch ID: **30120** Analysis Date: **10/23/2020** SeqNo: **1260245**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	0.567	0.0119	0.5936	0	95.5	73.1	130				
cis-1,2-Dichloroethene	0.579	0.0119	0.5936	0	97.5	77.5	125				
Trichloroethene (TCE)	0.578	0.0119	0.5936	0	97.3	72	133				
Tetrachloroethene (PCE)	0.546	0.0119	0.5936	0	92.0	72.7	128				
Surr: Dibromofluoromethane	0.761		0.7420		103	85.2	113				
Surr: Toluene-d8	0.737		0.7420		99.3	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	0.756		0.7420		102	88.6	109				

Sample ID: **2010272-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/22/2020** RunNo: **62791**
Client ID: **BATCH** Batch ID: **30120** Analysis Date: **10/23/2020** SeqNo: **1260246**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.603	0.0119	0.5936	0	102	52.8	150	0.5854	2.98	30	
1,1-Dichloroethene	0.568	0.0119	0.5936	0	95.8	62.9	149	0.5183	9.24	30	
trans-1,2-Dichloroethene	0.583	0.0119	0.5936	0	98.2	73.1	130	0.5667	2.81	30	
cis-1,2-Dichloroethene	0.581	0.0119	0.5936	0	97.8	77.5	125	0.5787	0.342	30	
Trichloroethene (TCE)	0.589	0.0119	0.5936	0	99.1	72	133	0.5778	1.85	30	
Tetrachloroethene (PCE)	0.553	0.0119	0.5936	0	93.2	72.7	128	0.5460	1.27	30	
Surr: Dibromofluoromethane	0.751		0.7420		101	85.2	113		0		
Surr: Toluene-d8	0.733		0.7420		98.8	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	0.762		0.7420		103	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010345**
Logged by:	**Gabrielle Coeuille**	Date Received:	**10/21/2020 2:39:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	0.5

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/21/20 Page: 1 of: 1

Laboratory Project No (internal): 2010345

Project Name: Maddux North

Special Remarks:

Client: Aspect

Project No: 160324

Address:

Collected by: AH

City, State, Zip:

Location:

Telephone:

Report To (PM): AH

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs by 8260				Comments
1	B-P29-P16-57-N	10/21/20	1005	Soil												X					
2	B-P33-P43-57-N	↓	1015	↓												X					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	10/24/20 1430	x	10/21/20 1439
Relinquished	Date/Time	Received	Date/Time
x		x	

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010370

October 23, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 10 sample(s) on 10/22/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Date: *10/23/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010370

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010370-001	B-P25-P12-60-N	10/22/2020 8:10 AM	10/22/2020 2:43 PM
2010370-002	B-P23-P12-60-N	10/22/2020 9:20 AM	10/22/2020 2:43 PM
2010370-003	B-P23-P14-57-N	10/22/2020 10:35 AM	10/22/2020 2:43 PM
2010370-004	B-P23-P16-57-N	10/22/2020 9:50 AM	10/22/2020 2:43 PM
2010370-005	B-P23-P12-57-N	10/22/2020 10:40 AM	10/22/2020 2:43 PM
2010370-006	B-P27-P16-57-N	10/22/2020 12:40 AM	10/22/2020 2:43 PM
2010370-007	B-P27-P14-57-N	10/22/2020 12:50 AM	10/22/2020 2:43 PM
2010370-008	B-P27-P14-54-N	10/22/2020 1:05 PM	10/22/2020 2:43 PM
2010370-009	B-P27-P16-54-N	10/22/2020 1:15 PM	10/22/2020 2:43 PM
2010370-010	B-P31-P43-57-N	10/22/2020 1:00 PM	10/22/2020 2:43 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010370**
Date: **10/23/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010370-001 **Collection Date:** 10/22/2020 8:10:00 AM
Client Sample ID: **B-P25-P12-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30121		Analyst: CR
Vinyl chloride	ND	0.0223		mg/Kg-dry	1	10/22/2020 9:59:54 PM
1,1-Dichloroethene	ND	0.0223		mg/Kg-dry	1	10/22/2020 9:59:54 PM
trans-1,2-Dichloroethene	ND	0.0223		mg/Kg-dry	1	10/22/2020 9:59:54 PM
cis-1,2-Dichloroethene	ND	0.0223		mg/Kg-dry	1	10/22/2020 9:59:54 PM
Trichloroethene (TCE)	ND	0.0223		mg/Kg-dry	1	10/22/2020 9:59:54 PM
Tetrachloroethene (PCE)	0.172	0.0223		mg/Kg-dry	1	10/22/2020 9:59:54 PM
Surr: Dibromofluoromethane	98.2	85.2 - 113		%Rec	1	10/22/2020 9:59:54 PM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/22/2020 9:59:54 PM
Surr: 1-Bromo-4-fluorobenzene	99.9	88.6 - 109		%Rec	1	10/22/2020 9:59:54 PM
Sample Moisture (Percent Moisture)				Batch ID: R62779		Analyst: CJ
Percent Moisture	15.9	0.500		wt%	1	10/23/2020 8:26:30 AM

Lab ID: 2010370-003 **Collection Date:** 10/22/2020 10:35:00 AM
Client Sample ID: **B-P23-P14-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30121		Analyst: CR
Vinyl chloride	ND	0.0256		mg/Kg-dry	1	10/22/2020 10:30:05 PM
1,1-Dichloroethene	ND	0.0256		mg/Kg-dry	1	10/22/2020 10:30:05 PM
trans-1,2-Dichloroethene	ND	0.0256		mg/Kg-dry	1	10/22/2020 10:30:05 PM
cis-1,2-Dichloroethene	0.378	0.0256		mg/Kg-dry	1	10/22/2020 10:30:05 PM
Trichloroethene (TCE)	ND	0.0256		mg/Kg-dry	1	10/22/2020 10:30:05 PM
Tetrachloroethene (PCE)	ND	0.0256		mg/Kg-dry	1	10/22/2020 10:30:05 PM
Surr: Dibromofluoromethane	96.7	85.2 - 113		%Rec	1	10/22/2020 10:30:05 PM
Surr: Toluene-d8	102	88.5 - 110		%Rec	1	10/22/2020 10:30:05 PM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109		%Rec	1	10/22/2020 10:30:05 PM
Sample Moisture (Percent Moisture)				Batch ID: R62779		Analyst: CJ
Percent Moisture	17.3	0.500		wt%	1	10/23/2020 8:26:30 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010370-004 **Collection Date:** 10/22/2020 9:50:00 AM
Client Sample ID: **B-P23-P16-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30121		Analyst: CR
Vinyl chloride	ND	0.0195		mg/Kg-dry	1	10/22/2020 11:00:16 PM
1,1-Dichloroethene	ND	0.0195		mg/Kg-dry	1	10/22/2020 11:00:16 PM
trans-1,2-Dichloroethene	ND	0.0195		mg/Kg-dry	1	10/22/2020 11:00:16 PM
cis-1,2-Dichloroethene	ND	0.0195		mg/Kg-dry	1	10/22/2020 11:00:16 PM
Trichloroethene (TCE)	ND	0.0195		mg/Kg-dry	1	10/22/2020 11:00:16 PM
Tetrachloroethene (PCE)	ND	0.0195		mg/Kg-dry	1	10/22/2020 11:00:16 PM
Surr: Dibromofluoromethane	97.2	85.2 - 113		%Rec	1	10/22/2020 11:00:16 PM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/22/2020 11:00:16 PM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109		%Rec	1	10/22/2020 11:00:16 PM
Sample Moisture (Percent Moisture)				Batch ID: R62779		Analyst: CJ
Percent Moisture	18.1	0.500		wt%	1	10/23/2020 8:26:30 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010370-005 **Collection Date:** 10/22/2020 10:40:00 AM
Client Sample ID: **B-P23-P12-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30121		Analyst: CR
Vinyl chloride	ND	0.0278		mg/Kg-dry	1	10/22/2020 11:30:25 PM
1,1-Dichloroethene	ND	0.0278		mg/Kg-dry	1	10/22/2020 11:30:25 PM
trans-1,2-Dichloroethene	ND	0.0278		mg/Kg-dry	1	10/22/2020 11:30:25 PM
cis-1,2-Dichloroethene	ND	0.0278		mg/Kg-dry	1	10/22/2020 11:30:25 PM
Trichloroethene (TCE)	ND	0.0278		mg/Kg-dry	1	10/22/2020 11:30:25 PM
Tetrachloroethene (PCE)	ND	0.0278		mg/Kg-dry	1	10/22/2020 11:30:25 PM
Surr: Dibromofluoromethane	98.2	85.2 - 113		%Rec	1	10/22/2020 11:30:25 PM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/22/2020 11:30:25 PM
Surr: 1-Bromo-4-fluorobenzene	99.7	88.6 - 109		%Rec	1	10/22/2020 11:30:25 PM
Sample Moisture (Percent Moisture)				Batch ID: R62779		Analyst: CJ
Percent Moisture	17.4	0.500		wt%	1	10/23/2020 8:26:30 AM

Lab ID: 2010370-006 **Collection Date:** 10/22/2020 12:40:00 AM
Client Sample ID: **B-P27-P16-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30121		Analyst: CR
Vinyl chloride	ND	0.0242		mg/Kg-dry	1	10/23/2020 12:00:34 AM
1,1-Dichloroethene	ND	0.0242		mg/Kg-dry	1	10/23/2020 12:00:34 AM
trans-1,2-Dichloroethene	ND	0.0242		mg/Kg-dry	1	10/23/2020 12:00:34 AM
cis-1,2-Dichloroethene	0.0801	0.0242		mg/Kg-dry	1	10/23/2020 12:00:34 AM
Trichloroethene (TCE)	0.239	0.0242		mg/Kg-dry	1	10/23/2020 12:00:34 AM
Tetrachloroethene (PCE)	7.04	0.0242	E	mg/Kg-dry	1	10/23/2020 12:00:34 AM
Surr: Dibromofluoromethane	98.6	85.2 - 113		%Rec	1	10/23/2020 12:00:34 AM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/23/2020 12:00:34 AM
Surr: 1-Bromo-4-fluorobenzene	100	88.6 - 109		%Rec	1	10/23/2020 12:00:34 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample Moisture (Percent Moisture)				Batch ID: R62779		Analyst: CJ
Percent Moisture	18.1	0.500		wt%	1	10/23/2020 8:26:30 AM

Analytical Report

Work Order: **2010370**
Date Reported: **10/23/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010370-007 **Collection Date:** 10/22/2020 12:50:00 AM
Client Sample ID: **B-P27-P14-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30121		Analyst: CR
Vinyl chloride	ND	0.0204		mg/Kg-dry	1	10/23/2020 12:30:45 AM
1,1-Dichloroethene	ND	0.0204		mg/Kg-dry	1	10/23/2020 12:30:45 AM
trans-1,2-Dichloroethene	ND	0.0204		mg/Kg-dry	1	10/23/2020 12:30:45 AM
cis-1,2-Dichloroethene	0.0535	0.0204		mg/Kg-dry	1	10/23/2020 12:30:45 AM
Trichloroethene (TCE)	0.0596	0.0204		mg/Kg-dry	1	10/23/2020 12:30:45 AM
Tetrachloroethene (PCE)	0.981	0.0204		mg/Kg-dry	1	10/23/2020 12:30:45 AM
Surr: Dibromofluoromethane	98.0	85.2 - 113		%Rec	1	10/23/2020 12:30:45 AM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/23/2020 12:30:45 AM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109		%Rec	1	10/23/2020 12:30:45 AM
Sample Moisture (Percent Moisture)				Batch ID: R62779		Analyst: CJ
Percent Moisture	17.8	0.500		wt%	1	10/23/2020 8:26:30 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010370-008 **Collection Date:** 10/22/2020 1:05:00 PM
Client Sample ID: **B-P27-P14-54-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30121		Analyst: CR
Vinyl chloride	ND	0.0266		mg/Kg-dry	1	10/23/2020 1:00:57 AM
1,1-Dichloroethene	ND	0.0266		mg/Kg-dry	1	10/23/2020 1:00:57 AM
trans-1,2-Dichloroethene	ND	0.0266		mg/Kg-dry	1	10/23/2020 1:00:57 AM
cis-1,2-Dichloroethene	0.790	0.0266		mg/Kg-dry	1	10/23/2020 1:00:57 AM
Trichloroethene (TCE)	0.191	0.0266		mg/Kg-dry	1	10/23/2020 1:00:57 AM
Tetrachloroethene (PCE)	0.727	0.0266		mg/Kg-dry	1	10/23/2020 1:00:57 AM
Surr: Dibromofluoromethane	99.2	85.2 - 113		%Rec	1	10/23/2020 1:00:57 AM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/23/2020 1:00:57 AM
Surr: 1-Bromo-4-fluorobenzene	98.6	88.6 - 109		%Rec	1	10/23/2020 1:00:57 AM
Sample Moisture (Percent Moisture)				Batch ID: R62779		Analyst: CJ
Percent Moisture	19.0	0.500		wt%	1	10/23/2020 8:26:30 AM

Lab ID: 2010370-009 **Collection Date:** 10/22/2020 1:15:00 PM
Client Sample ID: **B-P27-P16-54-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30121		Analyst: CR
Vinyl chloride	ND	0.0267		mg/Kg-dry	1	10/23/2020 1:31:07 AM
1,1-Dichloroethene	ND	0.0267		mg/Kg-dry	1	10/23/2020 1:31:07 AM
trans-1,2-Dichloroethene	ND	0.0267		mg/Kg-dry	1	10/23/2020 1:31:07 AM
cis-1,2-Dichloroethene	0.0356	0.0267		mg/Kg-dry	1	10/23/2020 1:31:07 AM
Trichloroethene (TCE)	0.0884	0.0267		mg/Kg-dry	1	10/23/2020 1:31:07 AM
Tetrachloroethene (PCE)	2.88	0.0267	E	mg/Kg-dry	1	10/23/2020 1:31:07 AM
Surr: Dibromofluoromethane	99.3	85.2 - 113		%Rec	1	10/23/2020 1:31:07 AM
Surr: Toluene-d8	104	88.5 - 110		%Rec	1	10/23/2020 1:31:07 AM
Surr: 1-Bromo-4-fluorobenzene	99.8	88.6 - 109		%Rec	1	10/23/2020 1:31:07 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample Moisture (Percent Moisture)				Batch ID: R62779		Analyst: CJ
Percent Moisture	18.5	0.500		wt%	1	10/23/2020 8:26:30 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010370-010 **Collection Date:** 10/22/2020 1:00:00 PM
Client Sample ID: **B-P31-P43-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30121		Analyst: CR
Vinyl chloride	ND	0.0269		mg/Kg-dry	1	10/23/2020 2:01:16 AM
1,1-Dichloroethene	ND	0.0269		mg/Kg-dry	1	10/23/2020 2:01:16 AM
trans-1,2-Dichloroethene	ND	0.0269		mg/Kg-dry	1	10/23/2020 2:01:16 AM
cis-1,2-Dichloroethene	ND	0.0269		mg/Kg-dry	1	10/23/2020 2:01:16 AM
Trichloroethene (TCE)	ND	0.0269		mg/Kg-dry	1	10/23/2020 2:01:16 AM
Tetrachloroethene (PCE)	ND	0.0269		mg/Kg-dry	1	10/23/2020 2:01:16 AM
Surr: Dibromofluoromethane	98.5	85.2 - 113		%Rec	1	10/23/2020 2:01:16 AM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/23/2020 2:01:16 AM
Surr: 1-Bromo-4-fluorobenzene	97.7	88.6 - 109		%Rec	1	10/23/2020 2:01:16 AM
Sample Moisture (Percent Moisture)				Batch ID: R62779		Analyst: CJ
Percent Moisture	19.5	0.500		wt%	1	10/23/2020 8:26:30 AM

Work Order: 2010370
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30121**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/22/2020**	RunNo: **62801**
Client ID: **LCSS**	Batch ID: **30121**		Analysis Date: **10/22/2020**	SeqNo: **1260522**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.17	0.0200	1.000	0	117	66	131				
1,1-Dichloroethene	1.13	0.0200	1.000	0	113	63.4	139				
trans-1,2-Dichloroethene	1.10	0.0200	1.000	0	110	80.5	116				
cis-1,2-Dichloroethene	1.08	0.0200	1.000	0	108	81.8	114				
Trichloroethene (TCE)	1.09	0.0200	1.000	0	109	80.8	117				
Tetrachloroethene (PCE)	1.08	0.0200	1.000	0	108	81.8	116				
Surr: Dibromofluoromethane	1.32		1.250		106	85.2	113				
Surr: Toluene-d8	1.28		1.250		103	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.27		1.250		102	88.6	109				

Sample ID: **MB-30121**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/22/2020**	RunNo: **62801**
Client ID: **MBLKS**	Batch ID: **30121**		Analysis Date: **10/22/2020**	SeqNo: **1260523**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.20		1.250		95.8	85.2	113				
Surr: Toluene-d8	1.26		1.250		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		100	88.6	109				

Sample ID: **2010318-001BDUP**	SampType: **DUP**	Units: **mg/Kg**	Prep Date: **10/22/2020**	RunNo: **62801**
Client ID: **BATCH**	Batch ID: **30121**		Analysis Date: **10/22/2020**	SeqNo: **1260497**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0217						0		30	

Work Order: 2010370
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010318-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **10/22/2020** RunNo: **62801**
Client ID: **BATCH** Batch ID: **30121** Analysis Date: **10/22/2020** SeqNo: **1260497**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0217						0		30	
trans-1,2-Dichloroethene	ND	0.0217						0		30	
cis-1,2-Dichloroethene	ND	0.0217						0		30	
Trichloroethene (TCE)	ND	0.0217						0		30	
Tetrachloroethene (PCE)	ND	0.0217						0		30	
Surr: Dibromofluoromethane	1.34		1.353		99.1	85.2	113		0		
Surr: Toluene-d8	1.36		1.353		101	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.34		1.353		99.1	88.6	109		0		

Sample ID: **2010319-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/22/2020** RunNo: **62801**
Client ID: **BATCH** Batch ID: **30121** Analysis Date: **10/22/2020** SeqNo: **1260501**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0460						0		30	
1,1-Dichloroethene	ND	0.0460						0		30	
trans-1,2-Dichloroethene	ND	0.0460						0		30	
cis-1,2-Dichloroethene	ND	0.0460						0		30	
Trichloroethene (TCE)	ND	0.0460						0		30	
Tetrachloroethene (PCE)	ND	0.0460						0		30	
Surr: Dibromofluoromethane	2.82		2.874		98.3	85.2	113		0		
Surr: Toluene-d8	2.91		2.874		101	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	2.87		2.874		100	88.6	109		0		

Sample ID: **2010319-005BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/22/2020** RunNo: **62801**
Client ID: **BATCH** Batch ID: **30121** Analysis Date: **10/23/2020** SeqNo: **1260506**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	2.32	0.0392	1.961	0	118	52.8	150				
1,1-Dichloroethene	2.14	0.0392	1.961	0	109	62.9	149				

Work Order: 2010370
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010319-005BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/22/2020** RunNo: **62801**
Client ID: **BATCH** Batch ID: **30121** Analysis Date: **10/23/2020** SeqNo: **1260506**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	2.12	0.0392	1.961	0	108	73.1	130				
cis-1,2-Dichloroethene	2.13	0.0392	1.961	0	109	77.5	125				
Trichloroethene (TCE)	2.18	0.0392	1.961	0	111	72	133				
Tetrachloroethene (PCE)	2.02	0.0392	1.961	0	103	72.7	128				
Surr: Dibromofluoromethane	2.65		2.451		108	85.2	113				
Surr: Toluene-d8	2.58		2.451		105	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	2.47		2.451		101	88.6	109				

Sample ID: **2010319-005BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/22/2020** RunNo: **62801**
Client ID: **BATCH** Batch ID: **30121** Analysis Date: **10/23/2020** SeqNo: **1260507**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	2.89	0.0480	2.398	0	121	52.8	150	2.316	22.2	30	
1,1-Dichloroethene	2.71	0.0480	2.398	0	113	62.9	149	2.145	23.2	30	
trans-1,2-Dichloroethene	2.63	0.0480	2.398	0	110	73.1	130	2.125	21.2	30	
cis-1,2-Dichloroethene	2.66	0.0480	2.398	0	111	77.5	125	2.134	21.9	30	
Trichloroethene (TCE)	2.68	0.0480	2.398	0	112	72	133	2.182	20.6	30	
Tetrachloroethene (PCE)	2.54	0.0480	2.398	0	106	72.7	128	2.025	22.5	30	
Surr: Dibromofluoromethane	3.24		2.998		108	85.2	113		0		
Surr: Toluene-d8	3.13		2.998		104	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	3.03		2.998		101	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010370**
Logged by:	**Carissa True**	Date Received:	**10/22/2020 2:43:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	6.0

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/22/20 Page: 1 of: 2

Laboratory Project No (internal): 2010370

Project Name: Maddux North

Special Remarks: Results by 3PM Please! 10/23/20

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave Suite 550

Collected by: Kristin Beck

City, State, Zip: Seattle, WA 98104

Location: Seattle WA

Telephone:

Report To (PM): Andrew Yonkofski

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs Hold			Comments
1																				
2	B-P25-P12-60-N	10/22/20	0810	S												X				
3	B-P23-P12-60-N		0920														X			
4	B-P23-P14-60-N		1035													X				
5	B-P23-P16-~~60~~ 57-N		0950																	
6	B-P23-P12-57-N		1040																	
7	B-P27-P16-57-N		1240																	
8	B-P27-P14-57-N		1250																	
9	B-P27-P14-54-N		1305																	
10	B-P27-P16-54-N		1315																	

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day 24 Hrs
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/22/2020 1427 ~~10/21/20~~ DU	x Claire Anderson	10/22/20 1443
Relinquished	Date/Time	Received	Date/Time
x		x	

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/22/20 | Page: 2 of: 2 | Laboratory Project No (internal): 7010370

Project Name: Maddux North

Project No: 160324

Collected by: Kristin Beck

Location: (pg 1)

Report To (PM): "

PM Email: "

Special Remarks: See Pg 1

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: Aspect Consulting (pg 1)

Address: "

City, State, Zip: "

Telephone:

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs				Comments
1	B-P31-P43-57-N	10/22/20	1300	S													X					
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

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x [signature]	10/22/2020 1427 ~~10/21/2020~~ DG	x [signature]	10/22/20 1443
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- ☐ Same Day (specify)

See Pg 1

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/22/20 Page: 1 of: 2

Laboratory Project No (internal): 2010370

Special Remarks: Changes per KB 10/23/20- GAC
Results by 3PM Please! 10/23/20

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Project Name: Maddux North
Project No: 160324
Collected by: Kristin Beck
Location: Seattle WA
Report To (PM): Andrew Yonkofski
PM Email: ayonkofski@aspectconsulting.com

Client: Aspect Consulting
Address: 710 2nd Ave Suite 550
City, State, Zip: Seattle, WA 98104
Telephone:
Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs Hold			Comments
1																				
2	B-P25-P12-60-N	10/22/20	0810	S												X				
3	B-P23-P12-60-N		0920														X			
4	B-P23-P14-~~60~~ 57 -N		1035													X				
5	B-P23-P16-~~60~~ 57 N		0950																	
6	B-P23-P12-57-N		1040																	
7	B-P27-P16-57-N		1240																	
8	B-P27-P14-57-N		1250																	
9	B-P27-P14-54-N		1305																	
10	B-P27-P16-54-N		1315																	

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☐ Standard
☐ 3 Day
☐ 2 Day
☒ Next Day 24 Hrs
Same Day ____ (specify)

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x [signature]	10/22/2020 1427 ~~10/21/20~~ DU	x Claire Anderson	10/22/20 1443
x		x	

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/22/20 | Page: 2 of: 2 | Laboratory Project No (internal): 7010370

Project Name: Maddux North

Project No: 160324

Collected by: Kristin Beck

Location: (pg 1)

Report To (PM): "

PM Email: "

Special Remarks: See Pg 1

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: Aspect Consulting (pg 1)

Address: "

City, State, Zip: "

Telephone:

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs			Comments
1	B-P31-P43-57-N	10/22/20	1300	S													X				
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

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x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- ☐ Same Day (specify)

See Pg 1

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010406

October 28, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 1 sample(s) on 10/23/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/28/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010406

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010406-001	SW-P44-55-N	10/23/2020 8:10 AM	10/23/2020 2:51 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2010406**
Date: **10/28/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010406**
Date Reported: **10/28/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010406-001 **Collection Date:** 10/23/2020 8:10:00 AM
Client Sample ID: **SW-P44-55-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30152		Analyst: KT
Vinyl chloride	ND	0.0194		mg/Kg-dry	1	10/24/2020 11:19:01 AM
1,1-Dichloroethene	ND	0.0194		mg/Kg-dry	1	10/24/2020 11:19:01 AM
trans-1,2-Dichloroethene	ND	0.0194		mg/Kg-dry	1	10/24/2020 11:19:01 AM
cis-1,2-Dichloroethene	ND	0.0194		mg/Kg-dry	1	10/24/2020 11:19:01 AM
Trichloroethene (TCE)	ND	0.0194		mg/Kg-dry	1	10/24/2020 11:19:01 AM
Tetrachloroethene (PCE)	ND	0.0194		mg/Kg-dry	1	10/24/2020 11:19:01 AM
Surr: Dibromofluoromethane	96.3	85.2 - 113		%Rec	1	10/24/2020 11:19:01 AM
Surr: Toluene-d8	97.6	88.5 - 110		%Rec	1	10/24/2020 11:19:01 AM
Surr: 1-Bromo-4-fluorobenzene	97.8	88.6 - 109		%Rec	1	10/24/2020 11:19:01 AM
Sample Moisture (Percent Moisture)				Batch ID: R62811		Analyst: LB
Percent Moisture	16.3	0.500		wt%	1	10/23/2020 3:16:38 PM

Work Order: 2010406
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30152** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **LCSS** Batch ID: **30152** Analysis Date: **10/23/2020** SeqNo: **1261038**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.08	0.0200	1.000	0	108	66	131				
1,1-Dichloroethene	1.04	0.0200	1.000	0	104	63.4	139				
trans-1,2-Dichloroethene	1.02	0.0200	1.000	0	102	80.5	116				
cis-1,2-Dichloroethene	1.02	0.0200	1.000	0	102	81.8	114				
Trichloroethene (TCE)	1.01	0.0200	1.000	0	101	80.8	117				
Tetrachloroethene (PCE)	1.01	0.0200	1.000	0	101	81.8	116				
Surr: Dibromofluoromethane	1.29		1.250		103	85.2	113				
Surr: Toluene-d8	1.25		1.250		99.9	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.30		1.250		104	88.6	109				

Sample ID: **MB-30152** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **MBLKS** Batch ID: **30152** Analysis Date: **10/23/2020** SeqNo: **1261039**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.19		1.250		95.3	85.2	113				
Surr: Toluene-d8	1.20		1.250		96.0	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.21		1.250		97.1	88.6	109				

Sample ID: **2010304-006BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **BATCH** Batch ID: **30152** Analysis Date: **10/24/2020** SeqNo: **1261019**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0187						0		30	

Work Order: 2010406
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010304-006BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **BATCH** Batch ID: **30152** Analysis Date: **10/24/2020** SeqNo: **1261019**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0187						0		30	
trans-1,2-Dichloroethene	ND	0.0187						0		30	
cis-1,2-Dichloroethene	ND	0.0187						0		30	
Trichloroethene (TCE)	ND	0.0187						0		30	
Tetrachloroethene (PCE)	ND	0.0187						0		30	
Surr: Dibromofluoromethane	1.13		1.167		96.9	85.2	113		0		
Surr: Toluene-d8	1.12		1.167		95.9	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.12		1.167		96.4	88.6	109		0		

Sample ID: **2010387-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **BATCH** Batch ID: **30152** Analysis Date: **10/24/2020** SeqNo: **1261020**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200						0		30	
1,1-Dichloroethene	ND	0.0200						0		30	
trans-1,2-Dichloroethene	ND	0.0200						0		30	
cis-1,2-Dichloroethene	ND	0.0200						0		30	
Trichloroethene (TCE)	ND	0.0200						0		30	
Tetrachloroethene (PCE)	ND	0.0200						0		30	
Surr: Dibromofluoromethane	1.20		1.249		96.2	85.2	113		0		
Surr: Toluene-d8	1.20		1.249		96.1	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.24		1.249		98.9	88.6	109		0		

Sample ID: **2010405-004BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **BATCH** Batch ID: **30152** Analysis Date: **10/24/2020** SeqNo: **1261028**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.919	0.0226	1.132	0	81.2	52.8	150				
1,1-Dichloroethene	0.970	0.0226	1.132	0	85.7	62.9	149				

Work Order: 2010406
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010405-004BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **BATCH** Batch ID: **30152** Analysis Date: **10/24/2020** SeqNo: **1261028**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.03	0.0226	1.132	0	91.3	73.1	130				
cis-1,2-Dichloroethene	1.07	0.0226	1.132	0.01345	93.6	77.5	125				
Trichloroethene (TCE)	1.05	0.0226	1.132	0.01576	91.7	72	133				
Tetrachloroethene (PCE)	1.28	0.0226	1.132	0.2811	87.9	72.7	128				
Surr: Dibromofluoromethane	1.43		1.414		101	85.2	113				
Surr: Toluene-d8	1.39		1.414		98.2	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.46		1.414		103	88.6	109				

Sample ID: **2010405-004BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **BATCH** Batch ID: **30152** Analysis Date: **10/24/2020** SeqNo: **1261029**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.973	0.0226	1.132	0	86.0	52.8	150	0.9190	5.74	30	
1,1-Dichloroethene	1.02	0.0226	1.132	0	90.4	62.9	149	0.9697	5.38	30	
trans-1,2-Dichloroethene	1.10	0.0226	1.132	0	96.9	73.1	130	1.033	5.92	30	
cis-1,2-Dichloroethene	1.12	0.0226	1.132	0.01345	97.5	77.5	125	1.072	4.04	30	
Trichloroethene (TCE)	1.10	0.0226	1.132	0.01576	95.7	72	133	1.054	4.19	30	
Tetrachloroethene (PCE)	1.34	0.0226	1.132	0.2811	93.3	72.7	128	1.275	4.74	30	
Surr: Dibromofluoromethane	1.45		1.414		103	85.2	113		0		
Surr: Toluene-d8	1.38		1.414		97.7	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.45		1.414		102	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010406**
Logged by:	**Clare Griggs**	Date Received:	**10/23/2020 2:51:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
9.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
10.	Are samples properly preserved?	Yes ☑	No ☐	
11.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
14.	Does paperwork match bottle labels?	Yes ☑	No ☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
16.	Is it clear what analyses were requested?	Yes ☑	No ☐	
17.	Were all holding times able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample	3.9

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/23/20 Page: 1 of: 1

Laboratory Project No (internal): 2010406

Project Name: Maddux North

Special Remarks: By 3PM 10/26/20

Project No: 160324

Client: Aspect Consulting

Collected by: Chelsea Bush

Address: 710 2nd Ave Suite 550

Location: Seattle, WA

City, State, Zip: Seattle, WA 98104

Report To (PM): Andrew Yonkofski

Telephone:

PM Email: ayonkofski@aspectconsulting.com

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs				Comments
1	SW-P44-55-8N	10/23/20	0810	S														X					
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	10/23/20 1450	x	10/23/20 1451
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day 24 Hr.
- Same Day _____ (specify)

3600 Fremont Ave. N.
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info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010425

October 28, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 3 sample(s) on 10/26/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Date: *10/28/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010425

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010425-001	B-P27-P14-52-N	10/26/2020 10:45 AM	10/26/2020 3:04 PM
2010425-002	B-P27-P16-52-N	10/26/2020 11:05 AM	10/26/2020 3:04 PM
2010425-003	B-P33-P41-54-N	10/26/2020 12:30 PM	10/26/2020 3:04 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2010425**
Date: **10/28/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010425-001 **Collection Date:** 10/26/2020 10:45:00 AM
Client Sample ID: **B-P27-P14-52-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30154		Analyst: KT
Vinyl chloride	ND	0.0219		mg/Kg-dry	1	10/27/2020 1:10:52 AM
1,1-Dichloroethene	ND	0.0219		mg/Kg-dry	1	10/27/2020 1:10:52 AM
trans-1,2-Dichloroethene	ND	0.0219		mg/Kg-dry	1	10/27/2020 1:10:52 AM
cis-1,2-Dichloroethene	0.387	0.0219		mg/Kg-dry	1	10/27/2020 1:10:52 AM
Trichloroethene (TCE)	ND	0.0219		mg/Kg-dry	1	10/27/2020 1:10:52 AM
Tetrachloroethene (PCE)	ND	0.0219		mg/Kg-dry	1	10/27/2020 1:10:52 AM
Surr: Dibromofluoromethane	97.6	85.2 - 113		%Rec	1	10/27/2020 1:10:52 AM
Surr: Toluene-d8	96.7	88.5 - 110		%Rec	1	10/27/2020 1:10:52 AM
Surr: 1-Bromo-4-fluorobenzene	98.7	88.6 - 109		%Rec	1	10/27/2020 1:10:52 AM
Sample Moisture (Percent Moisture)				Batch ID: R62874		Analyst: CJ
Percent Moisture	21.6	0.500		wt%	1	10/27/2020 10:27:36 AM

Lab ID: 2010425-002 **Collection Date:** 10/26/2020 11:05:00 AM
Client Sample ID: **B-P27-P16-52-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30154		Analyst: KT
Vinyl chloride	ND	0.0233		mg/Kg-dry	1	10/27/2020 1:41:09 AM
1,1-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/27/2020 1:41:09 AM
trans-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/27/2020 1:41:09 AM
cis-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/27/2020 1:41:09 AM
Trichloroethene (TCE)	ND	0.0233		mg/Kg-dry	1	10/27/2020 1:41:09 AM
Tetrachloroethene (PCE)	ND	0.0233		mg/Kg-dry	1	10/27/2020 1:41:09 AM
Surr: Dibromofluoromethane	96.0	85.2 - 113		%Rec	1	10/27/2020 1:41:09 AM
Surr: Toluene-d8	97.0	88.5 - 110		%Rec	1	10/27/2020 1:41:09 AM
Surr: 1-Bromo-4-fluorobenzene	97.7	88.6 - 109		%Rec	1	10/27/2020 1:41:09 AM
Sample Moisture (Percent Moisture)				Batch ID: R62874		Analyst: CJ
Percent Moisture	18.7	0.500		wt%	1	10/27/2020 10:27:36 AM

Analytical Report

Work Order: **2010425**
Date Reported: **10/28/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010425-003 **Collection Date:** 10/26/2020 12:30:00 PM
Client Sample ID: **B-P33-P41-54-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30169		Analyst: CR
Vinyl chloride	ND	0.0199		mg/Kg-dry	1	10/27/2020 6:13:34 PM
1,1-Dichloroethene	ND	0.0199		mg/Kg-dry	1	10/27/2020 6:13:34 PM
trans-1,2-Dichloroethene	ND	0.0199		mg/Kg-dry	1	10/27/2020 6:13:34 PM
cis-1,2-Dichloroethene	ND	0.0199		mg/Kg-dry	1	10/27/2020 6:13:34 PM
Trichloroethene (TCE)	ND	0.0199		mg/Kg-dry	1	10/27/2020 6:13:34 PM
Tetrachloroethene (PCE)	ND	0.0199		mg/Kg-dry	1	10/27/2020 6:13:34 PM
Surr: Dibromofluoromethane	96.4	85.2 - 113		%Rec	1	10/27/2020 6:13:34 PM
Surr: Toluene-d8	96.9	88.5 - 110		%Rec	1	10/27/2020 6:13:34 PM
Surr: 1-Bromo-4-fluorobenzene	98.3	88.6 - 109		%Rec	1	10/27/2020 6:13:34 PM
Sample Moisture (Percent Moisture)				Batch ID: R62874		Analyst: CJ
Percent Moisture	19.1	0.500		wt%	1	10/27/2020 10:27:36 AM

Work Order: 2010425
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30154** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **LCSS** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261852**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.08	0.0200	1.000	0	108	66	131				
1,1-Dichloroethene	1.05	0.0200	1.000	0	105	63.4	139				
trans-1,2-Dichloroethene	1.02	0.0200	1.000	0	102	80.5	116				
cis-1,2-Dichloroethene	1.02	0.0200	1.000	0	102	81.8	114				
Trichloroethene (TCE)	0.997	0.0200	1.000	0	99.7	80.8	117				
Tetrachloroethene (PCE)	1.00	0.0200	1.000	0	100	81.8	116				
Surr: Dibromofluoromethane	1.29		1.250		103	85.2	113				
Surr: Toluene-d8	1.24		1.250		99.4	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.31		1.250		104	88.6	109				

Sample ID: **MB-30154** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **MBLKS** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261853**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.21		1.250		96.8	85.2	113				
Surr: Toluene-d8	1.22		1.250		97.9	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.22		1.250		98.0	88.6	109				

Sample ID: **2010351-001BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **BATCH** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261836**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.33	0.0237	1.187	0	112	52.8	150				

Work Order: 2010425
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010351-001BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **BATCH** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261836**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	1.35	0.0237	1.187	0	114	62.9	149				
trans-1,2-Dichloroethene	1.33	0.0237	1.187	0	112	73.1	130				
cis-1,2-Dichloroethene	1.30	0.0237	1.187	0	109	77.5	125				
Trichloroethene (TCE)	1.28	0.0237	1.187	0	108	72	133				
Tetrachloroethene (PCE)	1.32	0.0237	1.187	0	111	72.7	128				
Surr: Dibromofluoromethane	1.54		1.484		104	85.2	113				
Surr: Toluene-d8	1.50		1.484		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.55		1.484		105	88.6	109				

Sample ID: **2010351-001BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **BATCH** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261837**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.33	0.0237	1.187	0	112	52.8	150	1.327	0.0340	30	
1,1-Dichloroethene	1.33	0.0237	1.187	0	112	62.9	149	1.354	1.99	30	
trans-1,2-Dichloroethene	1.28	0.0237	1.187	0	108	73.1	130	1.330	3.73	30	
cis-1,2-Dichloroethene	1.23	0.0237	1.187	0	103	77.5	125	1.300	5.69	30	
Trichloroethene (TCE)	1.22	0.0237	1.187	0	103	72	133	1.282	4.99	30	
Tetrachloroethene (PCE)	1.24	0.0237	1.187	0	105	72.7	128	1.321	6.18	30	
Surr: Dibromofluoromethane	1.52		1.484		103	85.2	113		0		
Surr: Toluene-d8	1.46		1.484		98.2	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.54		1.484		104	88.6	109		0		

Sample ID: **2010304-009BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **BATCH** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261839**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0205						0		30	
1,1-Dichloroethene	ND	0.0205						0		30	

Work Order: 2010425
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010304-009BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **BATCH** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261839**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0205						0		30	
cis-1,2-Dichloroethene	ND	0.0205						0		30	
Trichloroethene (TCE)	ND	0.0205						0		30	
Tetrachloroethene (PCE)	ND	0.0205						0		30	
Surr: Dibromofluoromethane	1.25		1.282		97.8	85.2	113		0		
Surr: Toluene-d8	1.26		1.282		98.4	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.27		1.282		99.3	88.6	109		0		

Sample ID: **2010413-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **BATCH** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261841**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0242						0		30	
1,1-Dichloroethene	ND	0.0242						0		30	
trans-1,2-Dichloroethene	ND	0.0242						0		30	
cis-1,2-Dichloroethene	ND	0.0242						0		30	
Trichloroethene (TCE)	ND	0.0242						0		30	
Tetrachloroethene (PCE)	ND	0.0242						0		30	
Surr: Dibromofluoromethane	1.45		1.513		96.0	85.2	113		0		
Surr: Toluene-d8	1.46		1.513		96.7	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.49		1.513		98.5	88.6	109		0		

Sample ID: **LCS-30169** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **LCSS** Batch ID: **30169** Analysis Date: **10/27/2020** SeqNo: **1262702**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.930	0.0200	1.000	0	93.0	66	131				
1,1-Dichloroethene	0.970	0.0200	1.000	0	97.0	63.4	139				
trans-1,2-Dichloroethene	0.974	0.0200	1.000	0	97.4	80.5	116				

Work Order: 2010425
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30169** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **LCSS** Batch ID: **30169** Analysis Date: **10/27/2020** SeqNo: **1262702**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	0.980	0.0200	1.000	0	98.0	81.8	114				
Trichloroethene (TCE)	1.01	0.0200	1.000	0	101	80.8	117				
Tetrachloroethene (PCE)	1.08	0.0200	1.000	0	108	81.8	116				
Surr: Dibromofluoromethane	1.30		1.250		104	85.2	113				
Surr: Toluene-d8	1.25		1.250		99.6	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.32		1.250		106	88.6	109				

Sample ID: **MB-30169** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **MBLKS** Batch ID: **30169** Analysis Date: **10/27/2020** SeqNo: **1262703**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.20		1.250		96.1	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.1	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.250		99.2	88.6	109				

Sample ID: **2010304-020BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **BATCH** Batch ID: **30169** Analysis Date: **10/27/2020** SeqNo: **1262688**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0205						0		30	
1,1-Dichloroethene	ND	0.0205						0		30	
trans-1,2-Dichloroethene	ND	0.0205						0		30	
cis-1,2-Dichloroethene	ND	0.0205						0		30	

Work Order: 2010425
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010304-020BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **BATCH** Batch ID: **30169** Analysis Date: **10/27/2020** SeqNo: **1262688**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	ND	0.0205						0		30	
Tetrachloroethene (PCE)	ND	0.0205						0		30	
Surr: Dibromofluoromethane	1.25		1.282		97.4	85.2	113		0		
Surr: Toluene-d8	1.26		1.282		98.3	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.25		1.282		97.6	88.6	109		0		

Sample ID: **2010424-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **BATCH** Batch ID: **30169** Analysis Date: **10/27/2020** SeqNo: **1262695**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0294						0		30	
1,1-Dichloroethene	ND	0.0294						0		30	
trans-1,2-Dichloroethene	ND	0.0294						0		30	
cis-1,2-Dichloroethene	ND	0.0294						0		30	
Trichloroethene (TCE)	ND	0.0294						0		30	
Tetrachloroethene (PCE)	ND	0.0294						0		30	
Surr: Dibromofluoromethane	1.79		1.840		97.2	85.2	113		0		
Surr: Toluene-d8	1.82		1.840		99.1	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.78		1.840		97.0	88.6	109		0		

Sample ID: **2010385-006BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **BATCH** Batch ID: **30169** Analysis Date: **10/28/2020** SeqNo: **1262692**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.09	0.0215	1.075	0	101	52.8	150				
1,1-Dichloroethene	1.08	0.0215	1.075	0	100	62.9	149				
trans-1,2-Dichloroethene	1.05	0.0215	1.075	0	97.9	73.1	130				
cis-1,2-Dichloroethene	1.06	0.0215	1.075	0	99.0	77.5	125				
Trichloroethene (TCE)	1.08	0.0215	1.075	0	100	72	133				

Work Order: 2010425
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010385-006BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **BATCH** Batch ID: **30169** Analysis Date: **10/28/2020** SeqNo: **1262692**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene (PCE)	1.04	0.0215	1.075	0	96.8	72.7	128				
Surr: Dibromofluoromethane	1.38		1.343		102	85.2	113				
Surr: Toluene-d8	1.33		1.343		98.7	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.40		1.343		104	88.6	109				

Sample ID: **2010385-006BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **BATCH** Batch ID: **30169** Analysis Date: **10/28/2020** SeqNo: **1262693**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.05	0.0215	1.075	0	98.1	52.8	150	1.087	3.06	30	
1,1-Dichloroethene	1.02	0.0215	1.075	0	95.0	62.9	149	1.077	5.32	30	
trans-1,2-Dichloroethene	1.05	0.0215	1.075	0	97.9	73.1	130	1.052	0.0351	30	
cis-1,2-Dichloroethene	1.07	0.0215	1.075	0	99.4	77.5	125	1.064	0.396	30	
Trichloroethene (TCE)	1.05	0.0215	1.075	0	97.6	72	133	1.075	2.44	30	
Tetrachloroethene (PCE)	1.04	0.0215	1.075	0	96.3	72.7	128	1.041	0.521	30	
Surr: Dibromofluoromethane	1.41		1.343		105	85.2	113		0		
Surr: Toluene-d8	1.33		1.343		99.2	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.41		1.343		105	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010425**
Logged by:	**Matt Langston**	Date Received:	**10/26/2020 3:04:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No ☐	Not Present	☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No ☐	NA	☐
4.	Shipping container/cooler in good condition?	Yes	☑	No ☐		
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No ☐	Not Present	☑
6.	Was an attempt made to cool the samples?	Yes	☑	No ☐	NA	☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No ☐	NA	☐
8.	Sample(s) in proper container(s)?	Yes	☑	No ☐		
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No ☐		
10.	Are samples properly preserved?	Yes	☑	No ☐		
11.	Was preservative added to bottles?	Yes	☐	No ☑	NA	☐
12.	Is there headspace in the VOA vials?	Yes	☐	No ☐	NA	☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No ☐		
14.	Does paperwork match bottle labels?	Yes	☑	No ☐		
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No ☐		
16.	Is it clear what analyses were requested?	Yes	☑	No ☐		
17.	Were all holding times able to be met?	Yes	☑	No ☐		

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No ☐	NA	☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample	0.9

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/26/20 Page: 1 of: 1

Laboratory Project No (internal): 2010425

Special Remarks:

Project Name: Muddux N

Project No: 160324

Client: Aspect Consulting

Address: 710 2nd Ave, Ste 550

City, State, Zip: Seattle, WA 98104

Telephone: (206) 413-5411

Fax:

Collected by: AY/RAE

Location: Muddux N

Report To (PM): Andrew Yankofski

PM Email: ayankofski@aspect-consulting.com

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260				Comments
1	B-P27-P14-52-N	10/26/20	1045	S														X				
2	B-P27-P16-52-N	↓	1105	↓														↓				
3	B-P33-P41-54-N	↓	1230	↓														↓				
4																						
5																						
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/26/20 @ 1446	x [signature]	10/26/2020 15:04
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day 24hr TAT
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010438

October 28, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 6 sample(s) on 10/27/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/28/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010438

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010438-001	B-P25-P12-57-N	10/27/2020 7:45 AM	10/27/2020 11:36 AM
2010438-002	B-P27-P12-57-N	10/27/2020 7:55 AM	10/27/2020 11:36 AM
2010438-003	B-P25-P10A-60-N	10/27/2020 8:05 AM	10/27/2020 11:36 AM
2010438-004	B-P27-P10A-60-N	10/27/2020 8:40 AM	10/27/2020 11:36 AM
2010438-005	B-P31-P45-57-N	10/27/2020 8:50 AM	10/27/2020 11:36 AM
2010438-006	B-P29-P12-57-N	10/27/2020 8:55 AM	10/27/2020 11:36 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010438**
Date: **10/28/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010438-001 **Collection Date:** 10/27/2020 7:45:00 AM
Client Sample ID: **B-P25-P12-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30185		Analyst: KT
Vinyl chloride	ND	0.0247		mg/Kg-dry	1	10/28/2020 4:57:31 AM
1,1-Dichloroethene	ND	0.0247		mg/Kg-dry	1	10/28/2020 4:57:31 AM
trans-1,2-Dichloroethene	ND	0.0247		mg/Kg-dry	1	10/28/2020 4:57:31 AM
cis-1,2-Dichloroethene	ND	0.0247		mg/Kg-dry	1	10/28/2020 4:57:31 AM
Trichloroethene (TCE)	ND	0.0247		mg/Kg-dry	1	10/28/2020 4:57:31 AM
Tetrachloroethene (PCE)	ND	0.0247		mg/Kg-dry	1	10/28/2020 4:57:31 AM
Surr: Dibromofluoromethane	97.5	85.2 - 113		%Rec	1	10/28/2020 4:57:31 AM
Surr: Toluene-d8	98.6	88.5 - 110		%Rec	1	10/28/2020 4:57:31 AM
Surr: 1-Bromo-4-fluorobenzene	98.3	88.6 - 109		%Rec	1	10/28/2020 4:57:31 AM
Sample Moisture (Percent Moisture)				Batch ID: R62900		Analyst: CJ
Percent Moisture	17.4	0.500		wt%	1	10/27/2020 3:59:31 PM

Lab ID: 2010438-002 **Collection Date:** 10/27/2020 7:55:00 AM
Client Sample ID: **B-P27-P12-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30185		Analyst: KT
Vinyl chloride	ND	0.0231		mg/Kg-dry	1	10/28/2020 5:27:42 AM
1,1-Dichloroethene	ND	0.0231		mg/Kg-dry	1	10/28/2020 5:27:42 AM
trans-1,2-Dichloroethene	ND	0.0231		mg/Kg-dry	1	10/28/2020 5:27:42 AM
cis-1,2-Dichloroethene	ND	0.0231		mg/Kg-dry	1	10/28/2020 5:27:42 AM
Trichloroethene (TCE)	ND	0.0231		mg/Kg-dry	1	10/28/2020 5:27:42 AM
Tetrachloroethene (PCE)	ND	0.0231		mg/Kg-dry	1	10/28/2020 5:27:42 AM
Surr: Dibromofluoromethane	98.2	85.2 - 113		%Rec	1	10/28/2020 5:27:42 AM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	10/28/2020 5:27:42 AM
Surr: 1-Bromo-4-fluorobenzene	99.8	88.6 - 109		%Rec	1	10/28/2020 5:27:42 AM
Sample Moisture (Percent Moisture)				Batch ID: R62900		Analyst: CJ
Percent Moisture	18.5	0.500		wt%	1	10/27/2020 3:59:31 PM

Analytical Report

Work Order: **2010438**
Date Reported: **10/28/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010438-003 **Collection Date:** 10/27/2020 8:05:00 AM
Client Sample ID: **B-P25-P10A-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30185		Analyst: KT
Vinyl chloride	ND	0.0210		mg/Kg-dry	1	10/28/2020 5:57:54 AM
1,1-Dichloroethene	ND	0.0210		mg/Kg-dry	1	10/28/2020 5:57:54 AM
trans-1,2-Dichloroethene	ND	0.0210		mg/Kg-dry	1	10/28/2020 5:57:54 AM
cis-1,2-Dichloroethene	ND	0.0210		mg/Kg-dry	1	10/28/2020 5:57:54 AM
Trichloroethene (TCE)	ND	0.0210		mg/Kg-dry	1	10/28/2020 5:57:54 AM
Tetrachloroethene (PCE)	ND	0.0210		mg/Kg-dry	1	10/28/2020 5:57:54 AM
Surr: Dibromofluoromethane	97.3	85.2 - 113		%Rec	1	10/28/2020 5:57:54 AM
Surr: Toluene-d8	98.7	88.5 - 110		%Rec	1	10/28/2020 5:57:54 AM
Surr: 1-Bromo-4-fluorobenzene	98.9	88.6 - 109		%Rec	1	10/28/2020 5:57:54 AM
Sample Moisture (Percent Moisture)				Batch ID: R62900		Analyst: CJ
Percent Moisture	18.2	0.500		wt%	1	10/27/2020 3:59:31 PM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010438-004 **Collection Date:** 10/27/2020 8:40:00 AM
Client Sample ID: **B-P27-P10A-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30185		Analyst: KT
Vinyl chloride	ND	0.0220		mg/Kg-dry	1	10/28/2020 6:28:06 AM
1,1-Dichloroethene	ND	0.0220		mg/Kg-dry	1	10/28/2020 6:28:06 AM
trans-1,2-Dichloroethene	ND	0.0220		mg/Kg-dry	1	10/28/2020 6:28:06 AM
cis-1,2-Dichloroethene	ND	0.0220		mg/Kg-dry	1	10/28/2020 6:28:06 AM
Trichloroethene (TCE)	ND	0.0220		mg/Kg-dry	1	10/28/2020 6:28:06 AM
Tetrachloroethene (PCE)	0.270	0.0220		mg/Kg-dry	1	10/28/2020 6:28:06 AM
Surr: Dibromofluoromethane	97.5	85.2 - 113		%Rec	1	10/28/2020 6:28:06 AM
Surr: Toluene-d8	101	88.5 - 110		%Rec	1	10/28/2020 6:28:06 AM
Surr: 1-Bromo-4-fluorobenzene	97.8	88.6 - 109		%Rec	1	10/28/2020 6:28:06 AM
Sample Moisture (Percent Moisture)				Batch ID: R62900		Analyst: CJ
Percent Moisture	13.3	0.500		wt%	1	10/27/2020 3:59:31 PM

Lab ID: 2010438-005 **Collection Date:** 10/27/2020 8:50:00 AM
Client Sample ID: **B-P31-P45-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30185		Analyst: KT
Vinyl chloride	ND	0.0233		mg/Kg-dry	1	10/28/2020 6:58:20 AM
1,1-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/28/2020 6:58:20 AM
trans-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/28/2020 6:58:20 AM
cis-1,2-Dichloroethene	0.263	0.0233		mg/Kg-dry	1	10/28/2020 6:58:20 AM
Trichloroethene (TCE)	0.133	0.0233		mg/Kg-dry	1	10/28/2020 6:58:20 AM
Tetrachloroethene (PCE)	2.74	0.0233	E	mg/Kg-dry	1	10/28/2020 6:58:20 AM
Surr: Dibromofluoromethane	97.5	85.2 - 113		%Rec	1	10/28/2020 6:58:20 AM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	10/28/2020 6:58:20 AM
Surr: 1-Bromo-4-fluorobenzene	98.7	88.6 - 109		%Rec	1	10/28/2020 6:58:20 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample Moisture (Percent Moisture)				Batch ID: R62900		Analyst: CJ
Percent Moisture	14.4	0.500		wt%	1	10/27/2020 3:59:31 PM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010438-006 **Collection Date:** 10/27/2020 8:55:00 AM
Client Sample ID: **B-P29-P12-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30185		Analyst: KT
Vinyl chloride	ND	0.0229		mg/Kg-dry	1	10/28/2020 7:28:31 AM
1,1-Dichloroethene	ND	0.0229		mg/Kg-dry	1	10/28/2020 7:28:31 AM
trans-1,2-Dichloroethene	ND	0.0229		mg/Kg-dry	1	10/28/2020 7:28:31 AM
cis-1,2-Dichloroethene	0.105	0.0229		mg/Kg-dry	1	10/28/2020 7:28:31 AM
Trichloroethene (TCE)	0.197	0.0229		mg/Kg-dry	1	10/28/2020 7:28:31 AM
Tetrachloroethene (PCE)	2.83	0.0229	E	mg/Kg-dry	1	10/28/2020 7:28:31 AM
Surr: Dibromofluoromethane	97.6	85.2 - 113		%Rec	1	10/28/2020 7:28:31 AM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	10/28/2020 7:28:31 AM
Surr: 1-Bromo-4-fluorobenzene	98.1	88.6 - 109		%Rec	1	10/28/2020 7:28:31 AM

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample Moisture (Percent Moisture)				Batch ID: R62900		Analyst: CJ
Percent Moisture	17.4	0.500		wt%	1	10/27/2020 3:59:31 PM

Work Order: 2010438
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30185** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/27/2020** RunNo: **62906**
Client ID: **LCSS** Batch ID: **30185** Analysis Date: **10/28/2020** SeqNo: **1262879**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.834	0.0200	1.000	0	83.4	66	131				
1,1-Dichloroethene	0.971	0.0200	1.000	0	97.1	63.4	139				
trans-1,2-Dichloroethene	0.965	0.0200	1.000	0	96.5	80.5	116				
cis-1,2-Dichloroethene	0.965	0.0200	1.000	0	96.5	81.8	114				
Trichloroethene (TCE)	0.928	0.0200	1.000	0	92.8	80.8	117				
Tetrachloroethene (PCE)	0.973	0.0200	1.000	0	97.3	81.8	116				
Surr: Dibromofluoromethane	1.30		1.250		104	85.2	113				
Surr: Toluene-d8	1.25		1.250		99.9	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.29		1.250		104	88.6	109				

Sample ID: **MB-30185** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/27/2020** RunNo: **62906**
Client ID: **MBLKS** Batch ID: **30185** Analysis Date: **10/28/2020** SeqNo: **1262647**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.19		1.250		95.4	85.2	113				
Surr: Toluene-d8	1.24		1.250		99.0	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.250		99.5	88.6	109				

Sample ID: **2010440-002BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/27/2020** RunNo: **62906**
Client ID: **BATCH** Batch ID: **30185** Analysis Date: **10/28/2020** SeqNo: **1262680**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0234						0		30	

Work Order: 2010438
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010440-002BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/27/2020** RunNo: **62906**
Client ID: **BATCH** Batch ID: **30185** Analysis Date: **10/28/2020** SeqNo: **1262680**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0234						0		30	
trans-1,2-Dichloroethene	ND	0.0234						0		30	
cis-1,2-Dichloroethene	ND	0.0234						0		30	
Trichloroethene (TCE)	ND	0.0234						0		30	
Tetrachloroethene (PCE)	ND	0.0234						0		30	
Surr: Dibromofluoromethane	1.38		1.462		94.1	85.2	113		0		
Surr: Toluene-d8	1.45		1.462		99.5	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.46		1.462		99.9	88.6	109		0		

Sample ID: **2010438-005BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/27/2020** RunNo: **62906**
Client ID: **B-P31-P45-57-N** Batch ID: **30185** Analysis Date: **10/28/2020** SeqNo: **1262770**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.896	0.0233	1.164	0	77.0	52.8	150				
1,1-Dichloroethene	1.01	0.0233	1.164	0	87.0	62.9	149				
trans-1,2-Dichloroethene	1.07	0.0233	1.164	0	91.9	73.1	130				
cis-1,2-Dichloroethene	1.40	0.0233	1.164	0.2626	97.3	77.5	125				
Trichloroethene (TCE)	1.23	0.0233	1.164	0.1326	94.1	72	133				
Tetrachloroethene (PCE)	3.78	0.0233	1.164	2.743	88.7	72.7	128				
Surr: Dibromofluoromethane	1.51		1.455		104	85.2	113				
Surr: Toluene-d8	1.48		1.455		102	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.53		1.455		105	88.6	109				

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010438**
Logged by:	**Gabrielle Coeuille**	Date Received:	**10/27/2020 11:36:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☑	No	☐	Not Present ☐
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	0.5

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/27/20 Page: 1 of: 1

Laboratory Project No (internal): 2010438

Project Name: Maddux N

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste 550

Collected by: RAC

City, State, Zip: Seattle, WA 98104

Location: Maddux N

Telephone: (206) 413-5411

Report To (PM): Andrew Yinkofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: ayinkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260				Comments
1	B-P25-P12-57-N	10/27/20	0745	S													X					
2	B-P27-P12-57-N		0755																			
3	B-P25-P10A-60-N		0805																			
4	B-P27-P10A-60-N		0840																			
5	B-P31-P45-57-N		0850																			
6	B-P29-P12-57-N		0855																			
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished x [signature] Date/Time 10/27/20 1050

Relinquished x Date/Time

Received x [signature] Date/Time 10/27/20 @ 11:36

Received x Date/Time

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day 24hr TAT
- Same Day (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010477

October 30, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 4 sample(s) on 10/29/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/30/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010477

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010477-001	B-P31-P45-54-N	10/28/2020 2:35 PM	10/29/2020 8:51 AM
2010477-002	B-P29-P12-54-N	10/28/2020 2:40 PM	10/29/2020 8:51 AM
2010477-003	B-P31-P45-52-N	10/28/2020 2:45 PM	10/29/2020 8:51 AM
2010477-004	B-P24-P12-52-N	10/28/2020 2:50 PM	10/29/2020 8:51 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010477**
Date: **10/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010477-001 **Collection Date:** 10/28/2020 2:35:00 PM
Client Sample ID: **B-P31-P45-54-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30206		Analyst: TN
Vinyl chloride	ND	0.0281		mg/Kg-dry	1	10/29/2020 9:42:00 PM
1,1-Dichloroethene	ND	0.0281		mg/Kg-dry	1	10/29/2020 9:42:00 PM
trans-1,2-Dichloroethene	ND	0.0281		mg/Kg-dry	1	10/29/2020 9:42:00 PM
cis-1,2-Dichloroethene	2.17	0.0281		mg/Kg-dry	1	10/29/2020 9:42:00 PM
Trichloroethene (TCE)	ND	0.0281		mg/Kg-dry	1	10/29/2020 9:42:00 PM
Tetrachloroethene (PCE)	ND	0.0281		mg/Kg-dry	1	10/29/2020 9:42:00 PM
Surr: Dibromofluoromethane	99.1	85.2 - 113		%Rec	1	10/29/2020 9:42:00 PM
Surr: Toluene-d8	98.6	88.5 - 110		%Rec	1	10/29/2020 9:42:00 PM
Surr: 1-Bromo-4-fluorobenzene	97.9	88.6 - 109		%Rec	1	10/29/2020 9:42:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R62987		Analyst: CJ
Percent Moisture	19.7	0.500		wt%	1	10/30/2020 9:12:43 AM

Lab ID: 2010477-002 **Collection Date:** 10/28/2020 2:40:00 PM
Client Sample ID: **B-P29-P12-54-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30206		Analyst: TN
Vinyl chloride	ND	0.0244		mg/Kg-dry	1	10/29/2020 10:12:22 PM
1,1-Dichloroethene	ND	0.0244		mg/Kg-dry	1	10/29/2020 10:12:22 PM
trans-1,2-Dichloroethene	ND	0.0244		mg/Kg-dry	1	10/29/2020 10:12:22 PM
cis-1,2-Dichloroethene	0.147	0.0244		mg/Kg-dry	1	10/29/2020 10:12:22 PM
Trichloroethene (TCE)	0.237	0.0244		mg/Kg-dry	1	10/29/2020 10:12:22 PM
Tetrachloroethene (PCE)	3.41	0.244	D	mg/Kg-dry	10	10/30/2020 8:48:04 AM
Surr: Dibromofluoromethane	97.4	85.2 - 113		%Rec	1	10/29/2020 10:12:22 PM
Surr: Toluene-d8	97.5	88.5 - 110		%Rec	1	10/29/2020 10:12:22 PM
Surr: 1-Bromo-4-fluorobenzene	97.9	88.6 - 109		%Rec	1	10/29/2020 10:12:22 PM
Sample Moisture (Percent Moisture)				Batch ID: R62987		Analyst: CJ
Percent Moisture	16.1	0.500		wt%	1	10/30/2020 9:12:43 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010477-003 **Collection Date:** 10/28/2020 2:45:00 PM
Client Sample ID: **B-P31-P45-52-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30206		Analyst: TN
Vinyl chloride	ND	0.0226		mg/Kg-dry	1	10/29/2020 10:42:41 PM
1,1-Dichloroethene	ND	0.0226		mg/Kg-dry	1	10/29/2020 10:42:41 PM
trans-1,2-Dichloroethene	ND	0.0226		mg/Kg-dry	1	10/29/2020 10:42:41 PM
cis-1,2-Dichloroethene	0.0759	0.0226		mg/Kg-dry	1	10/29/2020 10:42:41 PM
Trichloroethene (TCE)	0.161	0.0226		mg/Kg-dry	1	10/29/2020 10:42:41 PM
Tetrachloroethene (PCE)	4.03	0.226	D	mg/Kg-dry	10	10/30/2020 9:18:30 AM
Surr: Dibromofluoromethane	97.9	85.2 - 113		%Rec	1	10/29/2020 10:42:41 PM
Surr: Toluene-d8	97.5	88.5 - 110		%Rec	1	10/29/2020 10:42:41 PM
Surr: 1-Bromo-4-fluorobenzene	98.3	88.6 - 109		%Rec	1	10/29/2020 10:42:41 PM
Sample Moisture (Percent Moisture)				Batch ID: R62987		Analyst: CJ
Percent Moisture	14.7	0.500		wt%	1	10/30/2020 9:12:43 AM

Analytical Report

Work Order: **2010477**
Date Reported: **10/30/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010477-004 **Collection Date:** 10/28/2020 2:50:00 PM
Client Sample ID: **B-P24-P12-52-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30206		Analyst: TN
Vinyl chloride	ND	0.0233		mg/Kg-dry	1	10/30/2020 8:17:37 AM
1,1-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/30/2020 8:17:37 AM
trans-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/30/2020 8:17:37 AM
cis-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/30/2020 8:17:37 AM
Trichloroethene (TCE)	ND	0.0233		mg/Kg-dry	1	10/30/2020 8:17:37 AM
Tetrachloroethene (PCE)	ND	0.0233		mg/Kg-dry	1	10/30/2020 8:17:37 AM
Surr: Dibromofluoromethane	98.2	85.2 - 113		%Rec	1	10/30/2020 8:17:37 AM
Surr: Toluene-d8	98.4	88.5 - 110		%Rec	1	10/30/2020 8:17:37 AM
Surr: 1-Bromo-4-fluorobenzene	99.5	88.6 - 109		%Rec	1	10/30/2020 8:17:37 AM
Sample Moisture (Percent Moisture)				Batch ID: R62987		Analyst: CJ
Percent Moisture	18.2	0.500		wt%	1	10/30/2020 9:12:43 AM

Work Order: 2010477
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30206**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/29/2020**	RunNo: **62995**
Client ID: **LCSS**	Batch ID: **30206**		Analysis Date: **10/29/2020**	SeqNo: **1264453**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.10	0.0200	1.000	0	110	66	131				
1,1-Dichloroethene	1.03	0.0200	1.000	0	103	63.4	139				
trans-1,2-Dichloroethene	0.998	0.0200	1.000	0	99.8	80.5	116				
cis-1,2-Dichloroethene	0.987	0.0200	1.000	0	98.7	81.8	114				
Trichloroethene (TCE)	0.980	0.0200	1.000	0	98.0	80.8	117				
Tetrachloroethene (PCE)	0.999	0.0200	1.000	0	99.9	81.8	116				
Surr: Dibromofluoromethane	1.29		1.250		103	85.2	113				
Surr: Toluene-d8	1.24		1.250		99.2	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.32		1.250		106	88.6	109				

Sample ID: **MB-30206**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/29/2020**	RunNo: **62995**
Client ID: **MBLKS**	Batch ID: **30206**		Analysis Date: **10/29/2020**	SeqNo: **1264452**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.19		1.250		94.9	85.2	113				
Surr: Toluene-d8	1.22		1.250		97.3	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		95.9	88.6	109				

Sample ID: **2010402-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/29/2020**	RunNo: **62995**
Client ID: **BATCH**	Batch ID: **30206**		Analysis Date: **10/29/2020**	SeqNo: **1264435**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0178						0		30	

Work Order: 2010477
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010402-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/29/2020** RunNo: **62995**
Client ID: **BATCH** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264435**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0178						0		30	
trans-1,2-Dichloroethene	ND	0.0178						0		30	
cis-1,2-Dichloroethene	ND	0.0178						0		30	
Trichloroethene (TCE)	ND	0.0178						0		30	
Tetrachloroethene (PCE)	ND	0.0178						0		30	
Surr: Dibromofluoromethane	1.09		1.113		98.2	85.2	113		0		
Surr: Toluene-d8	1.09		1.113		97.5	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.12		1.113		101	88.6	109		0		

Sample ID: **2010402-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/29/2020** RunNo: **62995**
Client ID: **BATCH** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264437**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.715	0.0174	0.8713	0	82.1	52.8	150				
1,1-Dichloroethene	0.779	0.0174	0.8713	0	89.4	62.9	149				
trans-1,2-Dichloroethene	0.849	0.0174	0.8713	0	97.4	73.1	130				
cis-1,2-Dichloroethene	0.865	0.0174	0.8713	0	99.2	77.5	125				
Trichloroethene (TCE)	0.864	0.0174	0.8713	0	99.1	72	133				
Tetrachloroethene (PCE)	0.814	0.0174	0.8713	0	93.5	72.7	128				
Surr: Dibromofluoromethane	1.14		1.089		104	85.2	113				
Surr: Toluene-d8	1.10		1.089		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.15		1.089		106	88.6	109				

Sample ID: **2010476-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/29/2020** RunNo: **62995**
Client ID: **BATCH** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264439**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0201						0		30	
1,1-Dichloroethene	ND	0.0201						0		30	

Work Order: 2010477
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010476-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/29/2020** RunNo: **62995**
Client ID: **BATCH** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264439**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0201						0		30	
cis-1,2-Dichloroethene	ND	0.0201						0		30	
Trichloroethene (TCE)	ND	0.0201						0		30	
Tetrachloroethene (PCE)	ND	0.0201						0		30	
Surr: Dibromofluoromethane	1.22		1.255		97.3	85.2	113		0		
Surr: Toluene-d8	1.24		1.255		98.7	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.23		1.255		97.7	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010477**
Logged by:	**Gabrielle Coeuille**	Date Received:	**10/29/2020 8:51:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	2.1

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/28/2020 Page: 1 of: 1

Laboratory Project No (internal): 2010477

Project Name: Maddux North

Special Remarks:

Project No: 160324

Client: Aspect Consulting

Collected by: DWV, CEB

Address: 710 2nd Ave, Ste. 550

Location: 160324

City, State, Zip: Seattle, WA, 98104

Report To (PM): A. Yankotski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Telephone: (206) 413-5411

PM Email: ayankotski@aspectconsulting.com

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260				Comments
1	B-P31-P45-54-N	10/28/20	1435	S															X				
2	B-P29-P12-54-N		1440																				
3	B-P31-P45-52-N		1445																				
4	B-P29-P12-52-N		1450																				
5																							
6																							
7																							
8																							
9																							
10																							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/29/2020 0821	x [signature] Seattle	10/29/20 8:21
Relinquished x [signature]	Date/Time 10/29/20 08:51	Received x [signature] 10/29 Clair Lindon	Date/Time 10/29/20 0851

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010477

November 04, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 4 sample(s) on 10/29/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *11/04/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010477

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010477-001	B-P31-P45-54-N	10/28/2020 2:35 PM	10/29/2020 8:51 AM
2010477-002	B-P29-P12-54-N	10/28/2020 2:40 PM	10/29/2020 8:51 AM
2010477-003	B-P31-P45-52-N	10/28/2020 2:45 PM	10/29/2020 8:51 AM
2010477-004	B-P29-P12-52-N	10/28/2020 2:50 PM	10/29/2020 8:51 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010477**
Date: **11/4/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

11/4/2020: Revision 1 includes sample ID correction requested by client.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010477-001 **Collection Date:** 10/28/2020 2:35:00 PM
Client Sample ID: **B-P31-P45-54-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30206		Analyst: TN
Vinyl chloride	ND	0.0281		mg/Kg-dry	1	10/29/2020 9:42:00 PM
1,1-Dichloroethene	ND	0.0281		mg/Kg-dry	1	10/29/2020 9:42:00 PM
trans-1,2-Dichloroethene	ND	0.0281		mg/Kg-dry	1	10/29/2020 9:42:00 PM
cis-1,2-Dichloroethene	2.17	0.0281		mg/Kg-dry	1	10/29/2020 9:42:00 PM
Trichloroethene (TCE)	ND	0.0281		mg/Kg-dry	1	10/29/2020 9:42:00 PM
Tetrachloroethene (PCE)	ND	0.0281		mg/Kg-dry	1	10/29/2020 9:42:00 PM
Surr: Dibromofluoromethane	99.1	85.2 - 113		%Rec	1	10/29/2020 9:42:00 PM
Surr: Toluene-d8	98.6	88.5 - 110		%Rec	1	10/29/2020 9:42:00 PM
Surr: 1-Bromo-4-fluorobenzene	97.9	88.6 - 109		%Rec	1	10/29/2020 9:42:00 PM
Sample Moisture (Percent Moisture)				Batch ID: R62987		Analyst: CJ
Percent Moisture	19.7	0.500		wt%	1	10/30/2020 9:12:43 AM

Lab ID: 2010477-002 **Collection Date:** 10/28/2020 2:40:00 PM
Client Sample ID: **B-P29-P12-54-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30206		Analyst: TN
Vinyl chloride	ND	0.0244		mg/Kg-dry	1	10/29/2020 10:12:22 PM
1,1-Dichloroethene	ND	0.0244		mg/Kg-dry	1	10/29/2020 10:12:22 PM
trans-1,2-Dichloroethene	ND	0.0244		mg/Kg-dry	1	10/29/2020 10:12:22 PM
cis-1,2-Dichloroethene	0.147	0.0244		mg/Kg-dry	1	10/29/2020 10:12:22 PM
Trichloroethene (TCE)	0.237	0.0244		mg/Kg-dry	1	10/29/2020 10:12:22 PM
Tetrachloroethene (PCE)	3.41	0.244	D	mg/Kg-dry	10	10/30/2020 8:48:04 AM
Surr: Dibromofluoromethane	97.4	85.2 - 113		%Rec	1	10/29/2020 10:12:22 PM
Surr: Toluene-d8	97.5	88.5 - 110		%Rec	1	10/29/2020 10:12:22 PM
Surr: 1-Bromo-4-fluorobenzene	97.9	88.6 - 109		%Rec	1	10/29/2020 10:12:22 PM
Sample Moisture (Percent Moisture)				Batch ID: R62987		Analyst: CJ
Percent Moisture	16.1	0.500		wt%	1	10/30/2020 9:12:43 AM

Analytical Report

Work Order: **2010477**
Date Reported: **11/4/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010477-003 **Collection Date:** 10/28/2020 2:45:00 PM
Client Sample ID: **B-P31-P45-52-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30206		Analyst: TN
Vinyl chloride	ND	0.0226		mg/Kg-dry	1	10/29/2020 10:42:41 PM
1,1-Dichloroethene	ND	0.0226		mg/Kg-dry	1	10/29/2020 10:42:41 PM
trans-1,2-Dichloroethene	ND	0.0226		mg/Kg-dry	1	10/29/2020 10:42:41 PM
cis-1,2-Dichloroethene	0.0759	0.0226		mg/Kg-dry	1	10/29/2020 10:42:41 PM
Trichloroethene (TCE)	0.161	0.0226		mg/Kg-dry	1	10/29/2020 10:42:41 PM
Tetrachloroethene (PCE)	4.03	0.226	D	mg/Kg-dry	10	10/30/2020 9:18:30 AM
Surr: Dibromofluoromethane	97.9	85.2 - 113		%Rec	1	10/29/2020 10:42:41 PM
Surr: Toluene-d8	97.5	88.5 - 110		%Rec	1	10/29/2020 10:42:41 PM
Surr: 1-Bromo-4-fluorobenzene	98.3	88.6 - 109		%Rec	1	10/29/2020 10:42:41 PM
Sample Moisture (Percent Moisture)				Batch ID: R62987		Analyst: CJ
Percent Moisture	14.7	0.500		wt%	1	10/30/2020 9:12:43 AM

Analytical Report

Work Order: **2010477**
Date Reported: **11/4/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010477-004 **Collection Date:** 10/28/2020 2:50:00 PM
Client Sample ID: **B-P29-P12-52-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30206		Analyst: TN
Vinyl chloride	ND	0.0233		mg/Kg-dry	1	10/30/2020 8:17:37 AM
1,1-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/30/2020 8:17:37 AM
trans-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/30/2020 8:17:37 AM
cis-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/30/2020 8:17:37 AM
Trichloroethene (TCE)	ND	0.0233		mg/Kg-dry	1	10/30/2020 8:17:37 AM
Tetrachloroethene (PCE)	ND	0.0233		mg/Kg-dry	1	10/30/2020 8:17:37 AM
Surr: Dibromofluoromethane	98.2	85.2 - 113		%Rec	1	10/30/2020 8:17:37 AM
Surr: Toluene-d8	98.4	88.5 - 110		%Rec	1	10/30/2020 8:17:37 AM
Surr: 1-Bromo-4-fluorobenzene	99.5	88.6 - 109		%Rec	1	10/30/2020 8:17:37 AM
Sample Moisture (Percent Moisture)				Batch ID: R62987		Analyst: CJ
Percent Moisture	18.2	0.500		wt%	1	10/30/2020 9:12:43 AM

Work Order: 2010477
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30206**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/29/2020**	RunNo: **62995**
Client ID: **LCSS**	Batch ID: **30206**		Analysis Date: **10/29/2020**	SeqNo: **1264453**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.10	0.0200	1.000	0	110	66	131				
1,1-Dichloroethene	1.03	0.0200	1.000	0	103	63.4	139				
trans-1,2-Dichloroethene	0.998	0.0200	1.000	0	99.8	80.5	116				
cis-1,2-Dichloroethene	0.987	0.0200	1.000	0	98.7	81.8	114				
Trichloroethene (TCE)	0.980	0.0200	1.000	0	98.0	80.8	117				
Tetrachloroethene (PCE)	0.999	0.0200	1.000	0	99.9	81.8	116				
Surr: Dibromofluoromethane	1.29		1.250		103	85.2	113				
Surr: Toluene-d8	1.24		1.250		99.2	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.32		1.250		106	88.6	109				

Sample ID: **MB-30206**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/29/2020**	RunNo: **62995**
Client ID: **MBLKS**	Batch ID: **30206**		Analysis Date: **10/29/2020**	SeqNo: **1264452**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.19		1.250		94.9	85.2	113				
Surr: Toluene-d8	1.22		1.250		97.3	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		95.9	88.6	109				

Sample ID: **2010402-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/29/2020**	RunNo: **62995**
Client ID: **BATCH**	Batch ID: **30206**		Analysis Date: **10/29/2020**	SeqNo: **1264435**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0178						0		30	

Work Order: 2010477
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010402-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/29/2020** RunNo: **62995**
Client ID: **BATCH** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264435**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0178						0		30	
trans-1,2-Dichloroethene	ND	0.0178						0		30	
cis-1,2-Dichloroethene	ND	0.0178						0		30	
Trichloroethene (TCE)	ND	0.0178						0		30	
Tetrachloroethene (PCE)	ND	0.0178						0		30	
Surr: Dibromofluoromethane	1.09		1.113		98.2	85.2	113		0		
Surr: Toluene-d8	1.09		1.113		97.5	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.12		1.113		101	88.6	109		0		

Sample ID: **2010402-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/29/2020** RunNo: **62995**
Client ID: **BATCH** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264437**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.715	0.0174	0.8713	0	82.1	52.8	150				
1,1-Dichloroethene	0.779	0.0174	0.8713	0	89.4	62.9	149				
trans-1,2-Dichloroethene	0.849	0.0174	0.8713	0	97.4	73.1	130				
cis-1,2-Dichloroethene	0.865	0.0174	0.8713	0	99.2	77.5	125				
Trichloroethene (TCE)	0.864	0.0174	0.8713	0	99.1	72	133				
Tetrachloroethene (PCE)	0.814	0.0174	0.8713	0	93.5	72.7	128				
Surr: Dibromofluoromethane	1.14		1.089		104	85.2	113				
Surr: Toluene-d8	1.10		1.089		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.15		1.089		106	88.6	109				

Sample ID: **2010476-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/29/2020** RunNo: **62995**
Client ID: **BATCH** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264439**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0201						0		30	
1,1-Dichloroethene	ND	0.0201						0		30	

Work Order: 2010477
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010476-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/29/2020** RunNo: **62995**
Client ID: **BATCH** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264439**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0201						0		30	
cis-1,2-Dichloroethene	ND	0.0201						0		30	
Trichloroethene (TCE)	ND	0.0201						0		30	
Tetrachloroethene (PCE)	ND	0.0201						0		30	
Surr: Dibromofluoromethane	1.22		1.255		97.3	85.2	113		0		
Surr: Toluene-d8	1.24		1.255		98.7	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.23		1.255		97.7	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010477**
Logged by:	**Gabrielle Coeuille**	Date Received:	**10/29/2020 8:51:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	2.1

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/28/2020 Page: 1 of: 1

Laboratory Project No (internal): 2010477

Project Name: Maddux North

Special Remarks:

Project No: 160324

Client: Aspect Consulting

Collected by: DWV, CEB

Address: 710 2nd Ave, Ste. 550

Location: 160324

City, State, Zip: Seattle, WA, 98104

Report To (PM): A. Yankotski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Telephone: (206) 413-5411

PM Email: ayankotski@aspectconsulting.com

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260				Comments
1	B-P31-P45-54-N	10/28/20	1435	S															X				
2	B-P29-P12-54-N		1440																				
3	B-P31-P45-52-N		1445																				
4	B-P29-P12-52-N		1450																				
5																							
6																							
7																							
8																							
9																							
10																							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/29/2020 0821	x [signature] Seattle	10/29/20 8:21
Relinquished x [signature]	Date/Time 10/29/20 08:51	Received x [signature] 10/29 Clair Lindon	Date/Time 10/29/20 0851

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux North
Work Order Number: 2010511

November 02, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 7 sample(s) on 10/30/2020 for the analyses presented in the following report.

Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Date: *11/02/2020*

CLIENT: Aspect Consulting
Project: Maddux North
Work Order: 2010511

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010511-001	B-P27-P10B-57-N	10/29/2020 1:20 PM	10/30/2020 9:07 AM
2010511-002	B-P29-P10B-60-N	10/29/2020 1:25 PM	10/30/2020 9:07 AM
2010511-003	B-P29-P10B-57-N	10/29/2020 1:40 PM	10/30/2020 9:07 AM
2010511-004	B-P31-P47-57-N	10/29/2020 1:30 PM	10/30/2020 9:07 AM
2010511-005	B-P33-P47-57-N	10/29/2020 1:50 PM	10/30/2020 9:07 AM
2010511-006	B-P34.25-P47-57-N	10/29/2020 1:55 PM	10/30/2020 9:07 AM
2010511-007	Trip Blank	10/26/2020 1:38 PM	10/30/2020 9:07 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2010511**
Date: **11/2/2020**

CLIENT: Aspect Consulting
Project: Maddux North

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010511-001 **Collection Date:** 10/29/2020 1:20:00 PM
Client Sample ID: **B-P27-P10B-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30235		Analyst: KT
Vinyl chloride	ND	0.0218		mg/Kg-dry	1	10/30/2020 9:51:21 PM
1,1-Dichloroethene	ND	0.0218		mg/Kg-dry	1	10/30/2020 9:51:21 PM
trans-1,2-Dichloroethene	ND	0.0218		mg/Kg-dry	1	10/30/2020 9:51:21 PM
cis-1,2-Dichloroethene	0.283	0.0218		mg/Kg-dry	1	10/30/2020 9:51:21 PM
Trichloroethene (TCE)	0.903	0.0218		mg/Kg-dry	1	10/30/2020 9:51:21 PM
Tetrachloroethene (PCE)	12.9	0.436	D	mg/Kg-dry	20	11/2/2020 10:22:42 AM
Surr: Dibromofluoromethane	96.7	85.2 - 113		%Rec	1	10/30/2020 9:51:21 PM
Surr: Toluene-d8	98.4	88.5 - 110		%Rec	1	10/30/2020 9:51:21 PM
Surr: 1-Bromo-4-fluorobenzene	98.0	88.6 - 109		%Rec	1	10/30/2020 9:51:21 PM
Sample Moisture (Percent Moisture)				Batch ID: R63020		Analyst: CJ
Percent Moisture	20.0	0.500		wt%	1	11/2/2020 8:20:04 AM

Lab ID: 2010511-002 **Collection Date:** 10/29/2020 1:25:00 PM
Client Sample ID: **B-P29-P10B-60-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30235		Analyst: KT
Vinyl chloride	ND	0.0233		mg/Kg-dry	1	10/30/2020 10:51:37 PM
1,1-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/30/2020 10:51:37 PM
trans-1,2-Dichloroethene	ND	0.0233		mg/Kg-dry	1	10/30/2020 10:51:37 PM
cis-1,2-Dichloroethene	0.152	0.0233		mg/Kg-dry	1	10/30/2020 10:51:37 PM
Trichloroethene (TCE)	0.331	0.0233		mg/Kg-dry	1	10/30/2020 10:51:37 PM
Tetrachloroethene (PCE)	5.42	0.233	D	mg/Kg-dry	10	11/2/2020 9:22:22 AM
Surr: Dibromofluoromethane	97.4	85.2 - 113		%Rec	1	10/30/2020 10:51:37 PM
Surr: Toluene-d8	99.2	88.5 - 110		%Rec	1	10/30/2020 10:51:37 PM
Surr: 1-Bromo-4-fluorobenzene	96.9	88.6 - 109		%Rec	1	10/30/2020 10:51:37 PM
Sample Moisture (Percent Moisture)				Batch ID: R63020		Analyst: CJ
Percent Moisture	19.3	0.500		wt%	1	11/2/2020 8:20:04 AM

Analytical Report

Work Order: **2010511**
Date Reported: **11/2/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010511-003 **Collection Date:** 10/29/2020 1:40:00 PM
Client Sample ID: **B-P29-P10B-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30235		Analyst: KT
Vinyl chloride	ND	0.0155		mg/Kg-dry	1	10/30/2020 11:21:49 PM
1,1-Dichloroethene	ND	0.0155		mg/Kg-dry	1	10/30/2020 11:21:49 PM
trans-1,2-Dichloroethene	ND	0.0155		mg/Kg-dry	1	10/30/2020 11:21:49 PM
cis-1,2-Dichloroethene	0.120	0.0155		mg/Kg-dry	1	10/30/2020 11:21:49 PM
Trichloroethene (TCE)	0.147	0.0155		mg/Kg-dry	1	10/30/2020 11:21:49 PM
Tetrachloroethene (PCE)	3.17	0.155	D	mg/Kg-dry	10	11/2/2020 9:52:32 AM
Surr: Dibromofluoromethane	98.5	85.2 - 113		%Rec	1	10/30/2020 11:21:49 PM
Surr: Toluene-d8	99.0	88.5 - 110		%Rec	1	10/30/2020 11:21:49 PM
Surr: 1-Bromo-4-fluorobenzene	97.0	88.6 - 109		%Rec	1	10/30/2020 11:21:49 PM
Sample Moisture (Percent Moisture)				Batch ID: R63020		Analyst: CJ
Percent Moisture	20.8	0.500		wt%	1	11/2/2020 8:20:04 AM

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010511-004 **Collection Date:** 10/29/2020 1:30:00 PM
Client Sample ID: **B-P31-P47-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30235		Analyst: KT
Vinyl chloride	ND	0.0241		mg/Kg-dry	1	10/30/2020 11:51:58 PM
1,1-Dichloroethene	ND	0.0241		mg/Kg-dry	1	10/30/2020 11:51:58 PM
trans-1,2-Dichloroethene	ND	0.0241		mg/Kg-dry	1	10/30/2020 11:51:58 PM
cis-1,2-Dichloroethene	0.0700	0.0241		mg/Kg-dry	1	10/30/2020 11:51:58 PM
Trichloroethene (TCE)	0.0564	0.0241		mg/Kg-dry	1	10/30/2020 11:51:58 PM
Tetrachloroethene (PCE)	1.32	0.0241		mg/Kg-dry	1	10/30/2020 11:51:58 PM
Surr: Dibromofluoromethane	97.5	85.2 - 113		%Rec	1	10/30/2020 11:51:58 PM
Surr: Toluene-d8	99.6	88.5 - 110		%Rec	1	10/30/2020 11:51:58 PM
Surr: 1-Bromo-4-fluorobenzene	97.5	88.6 - 109		%Rec	1	10/30/2020 11:51:58 PM
Sample Moisture (Percent Moisture)				Batch ID: R63020		Analyst: CJ
Percent Moisture	15.0	0.500		wt%	1	11/2/2020 8:20:04 AM

Lab ID: 2010511-005 **Collection Date:** 10/29/2020 1:50:00 PM
Client Sample ID: **B-P33-P47-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30235		Analyst: KT
Vinyl chloride	ND	0.0204		mg/Kg-dry	1	10/31/2020 12:22:05 AM
1,1-Dichloroethene	ND	0.0204		mg/Kg-dry	1	10/31/2020 12:22:05 AM
trans-1,2-Dichloroethene	ND	0.0204		mg/Kg-dry	1	10/31/2020 12:22:05 AM
cis-1,2-Dichloroethene	0.529	0.0204		mg/Kg-dry	1	10/31/2020 12:22:05 AM
Trichloroethene (TCE)	0.0595	0.0204		mg/Kg-dry	1	10/31/2020 12:22:05 AM
Tetrachloroethene (PCE)	0.557	0.0204		mg/Kg-dry	1	10/31/2020 12:22:05 AM
Surr: Dibromofluoromethane	97.2	85.2 - 113		%Rec	1	10/31/2020 12:22:05 AM
Surr: Toluene-d8	99.2	88.5 - 110		%Rec	1	10/31/2020 12:22:05 AM
Surr: 1-Bromo-4-fluorobenzene	98.0	88.6 - 109		%Rec	1	10/31/2020 12:22:05 AM
Sample Moisture (Percent Moisture)				Batch ID: R63020		Analyst: CJ
Percent Moisture	15.9	0.500		wt%	1	11/2/2020 8:20:04 AM

Analytical Report

Work Order: **2010511**
Date Reported: **11/2/2020**

CLIENT: Aspect Consulting
Project: Maddux North

Lab ID: 2010511-006 **Collection Date:** 10/29/2020 1:55:00 PM
Client Sample ID: **B-P34.25-P47-57-N** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30235		Analyst: KT
Vinyl chloride	ND	0.0271		mg/Kg-dry	1	10/31/2020 12:52:14 AM
1,1-Dichloroethene	ND	0.0271		mg/Kg-dry	1	10/31/2020 12:52:14 AM
trans-1,2-Dichloroethene	ND	0.0271		mg/Kg-dry	1	10/31/2020 12:52:14 AM
cis-1,2-Dichloroethene	0.563	0.0271		mg/Kg-dry	1	10/31/2020 12:52:14 AM
Trichloroethene (TCE)	0.0899	0.0271		mg/Kg-dry	1	10/31/2020 12:52:14 AM
Tetrachloroethene (PCE)	1.09	0.0271		mg/Kg-dry	1	10/31/2020 12:52:14 AM
Surr: Dibromofluoromethane	97.0	85.2 - 113		%Rec	1	10/31/2020 12:52:14 AM
Surr: Toluene-d8	98.4	88.5 - 110		%Rec	1	10/31/2020 12:52:14 AM
Surr: 1-Bromo-4-fluorobenzene	97.1	88.6 - 109		%Rec	1	10/31/2020 12:52:14 AM
Sample Moisture (Percent Moisture)				Batch ID: R63020		Analyst: CJ
Percent Moisture	17.2	0.500		wt%	1	11/2/2020 8:20:04 AM

Work Order: 2010511
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30235** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63031**
Client ID: **LCSS** Batch ID: **30235** Analysis Date: **10/30/2020** SeqNo: **1265185**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.933	0.0200	1.000	0	93.3	66	131				
1,1-Dichloroethene	0.916	0.0200	1.000	0	91.6	63.4	139				
trans-1,2-Dichloroethene	0.948	0.0200	1.000	0	94.8	80.5	116				
cis-1,2-Dichloroethene	0.959	0.0200	1.000	0	95.9	81.8	114				
Trichloroethene (TCE)	0.959	0.0200	1.000	0	95.9	80.8	117				
Tetrachloroethene (PCE)	0.972	0.0200	1.000	0	97.2	81.8	116				
Surr: Dibromofluoromethane	1.29		1.250		103	85.2	113				
Surr: Toluene-d8	1.24		1.250		99.5	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		100	88.6	109				

Sample ID: **MB-30235** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63031**
Client ID: **MBLKS** Batch ID: **30235** Analysis Date: **10/30/2020** SeqNo: **1265184**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Surr: Dibromofluoromethane	1.21		1.250		96.7	85.2	113				
Surr: Toluene-d8	1.24		1.250		99.2	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.21		1.250		97.1	88.6	109				

Sample ID: **2010511-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/30/2020** RunNo: **63031**
Client ID: **B-P27-P10B-57-N** Batch ID: **30235** Analysis Date: **10/30/2020** SeqNo: **1265171**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0218						0		30	

Work Order: 2010511
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010511-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/30/2020** RunNo: **63031**
Client ID: **B-P27-P10B-57-N** Batch ID: **30235** Analysis Date: **10/30/2020** SeqNo: **1265171**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0218						0		30	
trans-1,2-Dichloroethene	ND	0.0218						0		30	
cis-1,2-Dichloroethene	0.281	0.0218						0.2825	0.378	30	
Trichloroethene (TCE)	0.890	0.0218						0.9034	1.53	30	
Tetrachloroethene (PCE)	10.4	0.0218						10.55	1.73	30	E
Surr: Dibromofluoromethane	1.33		1.362		97.4	85.2	113		0		
Surr: Toluene-d8	1.35		1.362		99.1	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.36		1.362		99.8	88.6	109		0		

NOTES:
E - Estimated value. The amount exceeds the linear working range of the instrument.

Sample ID: **2010403-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63031**
Client ID: **BATCH** Batch ID: **30235** Analysis Date: **10/31/2020** SeqNo: **1265157**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0185						0		30	
1,1-Dichloroethene	ND	0.0185						0		30	
trans-1,2-Dichloroethene	ND	0.0185						0		30	
cis-1,2-Dichloroethene	ND	0.0185						0		30	
Trichloroethene (TCE)	ND	0.0185						0		30	
Tetrachloroethene (PCE)	ND	0.0185						0		30	
Surr: Dibromofluoromethane	1.13		1.158		97.7	85.2	113		0		
Surr: Toluene-d8	1.14		1.158		98.1	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.18		1.158		102	88.6	109		0		

Sample ID: **2010511-006BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/30/2020** RunNo: **63031**
Client ID: **B-P34.25-P47-57-N** Batch ID: **30235** Analysis Date: **10/31/2020** SeqNo: **1265178**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.882	0.0271	1.353	0	65.2	52.8	150				

Work Order: 2010511
CLIENT: Aspect Consulting
Project: Maddux North

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010511-006BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/30/2020** RunNo: **63031**
Client ID: **B-P34.25-P47-57-N** Batch ID: **30235** Analysis Date: **10/31/2020** SeqNo: **1265178**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.998	0.0271	1.353	0	73.8	62.9	149				
trans-1,2-Dichloroethene	1.12	0.0271	1.353	0	82.6	73.1	130				
cis-1,2-Dichloroethene	1.79	0.0271	1.353	0.5634	90.3	77.5	125				
Trichloroethene (TCE)	1.30	0.0271	1.353	0.08986	89.4	72	133				
Tetrachloroethene (PCE)	2.18	0.0271	1.353	1.089	81.0	72.7	128				
Surr: Dibromofluoromethane	1.75		1.691		104	85.2	113				
Surr: Toluene-d8	1.68		1.691		99.5	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.73		1.691		102	88.6	109				

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010511**
Logged by:	**Gabrielle Coeuille**	Date Received:	**10/30/2020 9:07:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	4.9

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/29/2020 Page: 1 of: 1

Project Name: Maddux North

Laboratory Project No (internal): 2010511

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste 550

Collected by: CEB, DWL

City, State, Zip: Seattle, WA 98104

Location: 160324

Telephone: (206) 413-5411

Report To (PM): A. Yankofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: ayankofski@aspectconsulting.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs				Comments
1 B-P27-P10B-S7-N	10/29/20	1320	S															X				~~EB~~ Labeled B-P27-P12-S7-N
2 B-P24-P10B-60-N	10/29/20	1325																X				Labeled B-P24-P12-60-N
3 B-P24-P10B-S7-N	10/29/20	1340																X				Labeled B-P24-P12-S7-N
4 B-P31-P47-S7-N	10/29/20	1330																X				
5 B-P33-P47-S7-N	10/29/20	1350																X				
6 B-P34.25-P47-S7-N	10/29/20	1355																X				
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day 24hr
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/30/20 0841	x [signature]	10/30/20 8:41
Relinquished	Date/Time	Received	Date/Time
x [signature]	10/30/20 9:07	x [signature]	10/30/20 0907

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/29/2020 Page: 1 of: 1

Laboratory Project No (internal): 2010511

Project Name: Maddux North

Special Remarks: Changes per KB 11/2/20- gac

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste 550

Collected by: CEB, DWL

City, State, Zip: Seattle, WA 98104

Location: 160324

Telephone: (206) 413-5411

Report To (PM): A. Yankofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: ayankofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs				Comments
1	B-P27-P10B-57-N	10/29/20	1320	S															X				~~EB~~ Labeled B-P27-P12-57-N
2	B-P29-P10B-60-N	10/29/20	1325																X				Labeled B-P24-P12-60-N
3	B-P24-P10B-57-N	10/29/20	1340																X				Labeled B-P24-P12-57-N
4	B-P31-P47-57-N	10/29/20	1330																X				
5	B-P33-P47-57-N	10/29/20	1350																X				
6	B-P34.25-P47-57-N	10/29/20	1355																X				
7																							
8																							
9																							
10																							

B-29-P10B-60-N
B-P29-P10B-57-N

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard
☐ 3 Day
☐ 2 Day
☒ Next Day 24hr
Same Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	10/30/20 0841	x	10/30/20 8:41
x	10/30/20 9:07	x	10/30/20 0907

Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

November 6, 2020

Andrew Yonkofski
Aspect Consulting, LLC
710 2nd Ave, Ste 550
Seattle, WA 98104

Dear Mr. Yonkofski:

Please find enclosed the analytical data report for the Maddox North, Maddox South Project located in Seattle, 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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/2/2020 Page: 1 of:

Project Name: Maddux North, Maddux South

Project No: 160324

Collected by: DWJ, RAL

Location: Maddux North, Maddux South

Report To (PM): A Yonkofski

PM Email: ayonkofski@aspectconsulting.com

Client: Aspect Consulting

Address: 710 2nd Ave, Ste 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 413-5411

Fax:

Laboratory Project No (internal):

Special Remarks: -1.7° cooler

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	EDC/S 8260				Comments
1	B-P32-P20.5-40-S	11/2/20	1320	S		X				X							X				
2	B-P30-P21.5-38-S		1340																		
3	B-P47-P32-50-S		1515																		
4	B-P14-P12-50-S		1525																		
5	B-P32-P19-46-S		1600																		
6	B-P52-P20.5-46-S		1605																		
7	B-P32-P19-60-N		1615																		
8	B-P30-P19-60-N		1625																		
9	B-P28-P19-60-N		1657																		
10	B-P26-P19-60-N		1710																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

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Relinquished	Date/Time	Received	Date/Time
x [signature]	11/3/20	x [signature] UA	11-30-20 0720
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/3/2020 Page: 1 of:

Project Name: Maddux North

Project No: 160324

Collected by: DWV, CEB

Location: Maddux North

Report To (PM): A. Yonkofski

PM Email: ayonkofski@aspectconsulting.com

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: Aspect

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 443-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	CHOCs				Comments
1	B-P31-P45-50-N	11/3/20	0840	S																		
2	B-P31-P45-48-N		0850																			
3	B-P27-P47-54-N		1115																			
4	B-P27-P47-51-N		1120																			1 to ld
5	B-P27-P47-48-N		1150																			1 to ld
6	B-P24-P~~47~~-54-N		1205																			
7	B-P24-P47-51-N		~~1310~~																			Sample time 1320
8	B-P24-P47-48-N		~~1320~~																			Sample time 1330 1 to ld
9	B-P33-P47-54-N		1410																			
10	B-P33-P47-51-N		1405																			1 to ld

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

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Relinquished	Date/Time	Received	Date/Time
x	11/3/2020 1550	x	11-3-20 1550
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/3/2020 Page: 2 of: 2

Project Name: Maddox North

Project No: 160324

Collected by: DWW, CEB

Location: Maddox North

Report To (PM): A. Yonkofski

PM Email: ayonkofski@aspectconsulting.com

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 413-5411

Fax:

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	CVOCs by 8260				Comments
1	B-P33-P47-48-N	11/3/20	1435	S																	Hold
2	B-P32-P51-60-N		1325																		
3	B-P31-P47-54-N		1445																		
4	B-P31-P47-54-N		1450																		Hold
5	B-P31-P47-48-N		1500																		Hold
6	B-P32-P44-57-N		1510																		
7	B-P32-P44-54-N		1520																		~~Hold~~ Analyze 11-4 AA
8	B-P32-P44-51-N		1530																		~~Hold~~ Analyze 11-4 AA
9	B-P32-P44-48-N		1535																		~~Hold~~ Analyze 11-4 AA
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

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Relinquished	Date/Time	Received	Date/Time
x [signature]	11/3/20 1550	x [signature]	11-3 1550
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	B-P30-P20.5-40-S	B-P30-P21.5-38-S	B-P47-P32-50-S	B-P14-P12-50-S	B-P14-P12-50-S Dup
Date Sampled	Reporting	N/A	11/2/2020	11/2/2020	11/2/2020	11/2/2020	11/2/2020
Date Analyzed	Limits	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd	0.036	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd	nd	nd
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
Surrogate Recovery							
Dibromofluoromethane		99	104	105	106	102	105
1,2-Dichloroethane-d4		79	88	96	90	86	89
Toluene-d8		96	93	95	90	95	90
4-Bromofluorobenzene		95	90	91	89	93	88

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P19-46-S	B-P32-P20.5-46-S
Date Sampled	Reporting	11/2/2020	11/2/2020
Date Analyzed	Limits	11/3/2020	11/3/2020
	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd
Trichloroethene (TCE)	0.02	nd	nd
Tetrachloroethene (PCE)	0.03	0.24	0.067
Benzene	0.02	nd	nd
Toluene	0.10	nd	nd
Ethylbenzene	0.05	nd	nd
Total Xylenes	0.15	nd	nd
Surrogate Recovery			
Dibromofluoromethane		112	107
1,2-Dichloroethane-d4		103	97
Toluene-d8		90	90
4-Bromofluorobenzene		91	92

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P49-60-N	B-P30-P49-60-N	B-P28-P49-60-N	B-P26-P49-60-N
Date Sampled	Reporting	11/2/2020	11/2/2020	11/2/2020	11/2/2020
Date Analyzed	Limits	11/3/2020	11/3/2020	11/3/2020	11/3/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	0.071	nd	nd	nd
Surrogate Recovery					
Dibromofluoromethane		102	105	106	100
1,2-Dichloroethane-d4		88	94	91	81
Toluene-d8		92	93	94	94
4-Bromofluorobenzene		92	90	93	93

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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Email: libbyenv@gmail.com

MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P31-P45-50-N	B-P31-P45-48-N	B-P27-P47-54-N	B-P29-P47-54-N	B-P29-P47-51-N	B-P33-P47-54-N
Date Sampled	Reporting	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020
Date Analyzed	Limits	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	0.12	nd	0.78
Trichloroethene (TCE)	0.02	nd	nd	nd	0.35	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	8.9	nd	nd
Surrogate Recovery							
Dibromofluoromethane		106	107	109	107	114	113
1,2-Dichloroethane-d4		91	96	103	96	103	105
Toluene-d8		89	91	89	90	89	89
4-Bromofluorobenzene		89	88	89	87	83	88

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P51-60-N	B-P31-P47-54-N	B-P31-P47-51-N	B-P31-P47-51-N Dup	B-P31-P47-48-N	B32-P49-57-N
Date Sampled	Reporting	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020
Date Analyzed	Limits	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	0.17	0.057	0.046	nd	nd
Trichloroethene (TCE)	0.02	nd	0.055	0.035	0.042	nd	nd
Tetrachloroethene (PCE)	0.03	0.066	1.1	0.66	0.83	nd	0.030
Surrogate Recovery							
Dibromofluoromethane		114	111	115	119	120	112
1,2-Dichloroethane-d4		99	101	104	106	107	103
Toluene-d8		89	90	91	89	88	88
4-Bromofluorobenzene		84	83	85	85	87	88

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank
Date Sampled Date Analyzed	Reporting Limits (mg/kg)	N/A 11/3/2020 (mg/kg)
Vinyl chloride	0.02	nd
cis -1,2-Dichloroethene	0.03	nd
Trichloroethene (TCE)	0.02	nd
Tetrachloroethene (PCE)	0.03	nd
Benzene	0.02	nd
Toluene	0.10	nd
Ethylbenzene	0.05	nd
Total Xylenes	0.15	nd
Surrogate Recovery		
Dibromofluoromethane		113
1,2-Dichloroethane-d4		106
Toluene-d8		92
4-Bromofluorobenzene		90

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-P14-P12-50-S

Date Analyzed 11/3/2020

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl chloride	0.25	0.22	0.24	89	94	5.7	65-135	
cis-1,2-Dichloroethene	0.25	0.32	0.35	129	140	8.3	65-135	S
Trichloroethene (TCE)	0.25	0.29	0.29	114	115	1.0	65-135	
Tetrachloroethene (PCE)	0.25	0.34	0.33	134	130	3.3	65-135	
Benzene	0.25	0.28	0.29	110	117	5.6	65-135	
Toluene	0.25	0.23	0.24	93	98	4.6	65-135	
Ethylbenzene	0.25	0.24	0.26	97	104	7.2	65-135	
Total Xylenes	0.75	0.66	0.73	88	97	10.1	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	111	112	65-135
1,2-Dichloroethane-d4	106	101	65-135
Toluene-d8	89	93	65-135
4-Bromofluorobenzene	92	97	65-135

ACCEPTABLE RPD IS 35%
"S" Spike compound recovery is outside acceptance limits.

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed 11/3/2020

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.23	90	80-120	
cis-1,2-Dichloroethene	0.25	0.27	106	80-120	
Trichloroethene (TCE)	0.25	0.24	97	80-120	
Tetrachloroethene (PCE)	0.25	0.28	112	80-120	
Benzene	0.25	0.25	100	80-120	
Toluene	0.25	0.24	95	80-120	
Ethylbenzene	0.25	0.25	100	80-120	
Total Xylenes	0.75	0.71	95	80-120	

Surrogate Recovery			
Dibromofluoromethane	102	65-135	
1,2-Dichloroethane-d4	88	65-135	
Toluene-d8	98	65-135	
4-Bromofluorobenzene	98	65-135	

ANALYSES PERFORMED BY: Sherry Chilcutt

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Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-P31-P47-51-N

Date Analyzed 11/3/2020

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl chloride	0.25	0.33	0.31	132	122	7.2	65-135	
cis-1,2-Dichloroethene	0.25	0.34	0.28	134	110	19.7	65-135	
Trichloroethene (TCE)	0.25	0.20	0.19	78	74	5.8	65-135	
Tetrachloroethene (PCE)	0.25	0.17	0.19	68	76	11.1	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	112	115	65-135
1,2-Dichloroethane-d4	97	112	65-135
Toluene-d8	91	91	65-135
4-Bromofluorobenzene	94	96	65-135

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed 11/3/2020

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.29	117	80-120	
cis-1,2-Dichloroethene	0.25	0.27	110	80-120	
Trichloroethene (TCE)	0.25	0.26	105	80-120	
Tetrachloroethene (PCE)	0.25	0.30	118	80-120	

Surrogate Recovery		
Dibromofluoromethane	112	65-135
1,2-Dichloroethane-d4	105	65-135
Toluene-d8	94	65-135
4-Bromofluorobenzene	97	65-135

ANALYSES PERFORMED BY: Sherry Chilcutt

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Analyses of Gasoline (NWTPH-Gx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)
Method Blank	11/3/2020	96%	nd
B-P30-P20.5-40-S	11/3/2020	93%	nd
B-P30-P21.5-38-S	11/3/2020	95%	nd
B-P47-P32-50-S	11/3/2020	90%	nd
B-P14-P12-50-S	11/3/2020	95%	nd
B-P14-P12-50-S Dup	11/3/2020	90%	nd
B-P32-P19-46-S	11/3/2020	90%	nd
B-P32-P20.5-46-S	11/3/2020	90%	nd
Practical Quantitation Limit			10

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	11/3/2020	72	nd	nd
B-P30-P20.5-40-S	11/3/2020	75	nd	nd
B-P30-P21.5-38-S	11/3/2020	85	nd	nd
B-P47-P32-50-S	11/3/2020	76	nd	nd
B-P47-P32-50-S Dup	11/3/2020	86	nd	nd
B-P14-P12-50-S	11/3/2020	95	nd	nd
B-P32-P19-46-S	11/3/2020	76	nd	nd
B-P32-P20.5-46-S	11/3/2020	87	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: Sherry Chilcutt

Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

November 6, 2020

Andrew Yonkofski
Aspect Consulting, LLC
710 2nd Ave, Ste 550
Seattle, WA 98104

Dear Mr. Yonkofski:

Please find enclosed the analytical data report for the Maddox North, Maddox South Project located in Seattle, 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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/4/2020 Page: 1 of: 3

Project Name: Maddux North / South

Project No: 160324

Collected by: DWU / CEB

Location: Maddux North / South

Report To (PM): A. Yorkofski

PM Email: ayorkofski@aspectconsulting.com

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 413-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	CVOCs 8260 Hold			Comments
1	B-P33-P53-60-N	~~0420~~	0920	S												X				11/4/20 Sample date
2	B-P32-P53-57-N	11/4/20	0930																	B-P32-P53-57-N
3	B-P33-P53-54-N		0940																	B-P32-P53-54-N
4	B-P33-P53-51-N		0945																	B-P32-P53-51-N
5	B-P33-P53-48-N		0955																	B-P32-P53-48-N
6	B-P32-P51-57-N		1045																	Changes requested by on-site staff
7	B-P32-P51-54-N		1050																	11/5/2020
8	B-P32-P51-51-N		1055																	Hold
9	B-P32-P51-48-N		1105																	Hold
10	B-P30-P51-60-N		1140														X			Analyze 11-4 AY

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	11/4/20 1450	x [signature] CMA	11-4-20 1450
Relinquished x	Date/Time	Received x	Date/Time

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/4/2020 Page: 2 of: 3

Project Name: Maddux North/South

Project No: 160324

Collected by: DWU / CEB

Location: Maddux North / South

Report To (PM): A. Yankelski

PM Email: ayankelski@aspectconsulting.com

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 413-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs Hold			Comments
1	B-P30-P51-57-N	11/4/20	1145	S													X			analyze 11-4 AY
2	B-P30-P51-54-N		1150																	analyze 11-4 AY
3	B-P30-P51-51-N		1200																	Hold
4	B-P30-P51-48-N		1210																	Hold
5	B-P30-P49-57-N		1220													X				
6	B-P30-P49-54-N		1230																	
7	B-P30-P49-51-N		1235																	
8	B-P30-P49-48-N		1240																	Hold
9	B-P32-P19-44-S		0845																	~~B-P32-P19-42-S~~ SC
10	B-P32-P20.5-44.5		0850																	~~B-P32-P20.5-42.5~~ SC

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

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x [signature]	11/4/20 1450	x [signature] CAA	11-4-20 1450
Relinquished x	Date/Time	Received x	Date/Time

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/4/2020 Page: 3 of: 3

Project Name: Maddox North / South

Project No: 160324

Collected by: DWU / LEB

Location: Maddox North / South

Report To (PM): A. Yonkofski

PM Email: ayonkofski@aspectconsulting.com

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA. 98104

Telephone: (206) 413-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	CUUs 8260	Hold 8260			Comments
1	B-P32-P19-42-S	11/4/20	1305	S													X					
2	B-P32-P20.5-42-S		1320														X					
3	B-P32-P19-40-S		1335															X				
4	B-P32-P20.5-42-S		1345															X				
5	B-P34.25-P49-56-N		1415														X					
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

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Relinquished	Date/Time	Received	Date/Time
x [signature]	11/4/20 1450	x [signature]	11-4-20 1450
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	B-P32-P49-54-N	B-P32-P49-51-N	B-P32-P49-48-N	B-P32-P53-60-N	B-P32-P53-57-N
Date Sampled	Reporting	N/A	11/3/2020	11/3/2020	11/3/2020	11/4/2020	11/4/2020
Date Analyzed	Limits	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	0.18	0.33	nd	nd
Trichloroethene (TCE)	0.02	nd	0.023	0.073	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	0.39	1.02	nd	nd	0.072
Surrogate Recovery							
Dibromofluoromethane		118	119	120	122	120	117
1,2-Dichloroethane-d4		118	115	109	114	112	108
Toluene-d8		88	86	88	88	88	87
4-Bromofluorobenzene		85	79	80	80	79	80

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P53-54-N	B-P32-P53-51-N	B-P32-P53-48-N	B-P32-P51-57-N	B-P32-P51-54-N	B-P30-P51-60-N
Date Sampled	Reporting	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020
Date Analyzed	Limits	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/5/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	0.022	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	0.36	0.29	nd	0.079	nd	nd
Surrogate Recovery							
Dibromofluoromethane		119	114	112	116	121	116
1,2-Dichloroethane-d4		113	106	108	110	118	112
Toluene-d8		87	86	87	87	87	87
4-Bromofluorobenzene		78	85	87	80	77	81

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P30-P51-57-N	B-P30-P51-54-N	B-P30-P49-57-N	B-P30-P49-54-N	B-P30-P49-51-N	Method Blank
Date Sampled	Reporting	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	N/A
Date Analyzed	Limits	11/4/2020	11/4/2020	11/4/2020	11/5/2020	11/5/2020	11/4/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	0.13	0.17	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	0.27	nd	nd
Tetrachloroethene (PCE)	0.03	nd	0.20	0.13	5.8	0.12	nd
Surrogate Recovery							
Dibromofluoromethane		113	113	120	115	115	114
1,2-Dichloroethane-d4		106	107	111	111	111	112
Toluene-d8		87	88	87	89	89	88
4-Bromofluorobenzene		82	85	77	95	114	86

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P19-44-S	B-P32-P20.5-44-S	B-P32-P19-42-S	B-P32-P19-42-S Dup	B-P32-P20.5-42-S
Date Sampled	Reporting	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020
Date Analyzed	Limits	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	nd	0.032	0.033	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	0.16	0.16	0.14	0.19	nd
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
Surrogate Recovery						
Dibromofluoromethane		118	122	124	123	120
1,2-Dichloroethane-d4		105	114	113	118	113
Toluene-d8		88	90	87	87	87
4-Bromofluorobenzene		79	81	76	79	79

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

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Libby Project # L201104-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P34.25-P49-56-N
Date Sampled	Reporting	11/4/2020
Date Analyzed	Limits	11/4/2020
	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd
cis -1,2-Dichloroethene	0.03	nd
Trichloroethene (TCE)	0.02	nd
Tetrachloroethene (PCE)	0.03	0.18
Surrogate Recovery		
Dibromofluoromethane		117
1,2-Dichloroethane-d4		116
Toluene-d8		86
4-Bromofluorobenzene		99

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

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QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-P32-P19-42-S

Date Analyzed 11/4/2020

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl chloride	0.25	0.25	0.23	100	90	10.1	65-135	
cis-1,2-Dichloroethene	0.25	0.26	0.26	106	103	2.3	65-135	
Trichloroethene (TCE)	0.25	0.24	0.21	96	85	11.9	65-135	
Tetrachloroethene (PCE)	0.25	0.19	0.21	74	82	10.3	65-135	
Benzene	0.25	0.23	0.25	90	101	11.3	65-135	
Toluene	0.25	0.20	0.19	78	75	3.7	65-135	
Ethylbenzene	0.25	0.20	0.19	80	78	3.0	65-135	
Total Xylenes	0.75	0.56	0.55	74	73	1.8	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	118	116	65-135
1,2-Dichloroethane-d4	111	113	65-135
Toluene-d8	90	91	65-135
4-Bromofluorobenzene	100	94	65-135

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed 11/4/2020

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.22	86	80-120	
cis-1,2-Dichloroethene	0.25	0.26	102	80-120	
Trichloroethene (TCE)	0.25	0.27	109	80-120	
Tetrachloroethene (PCE)	0.25	0.30	118	80-120	
Benzene	0.25	0.25	100	80-120	
Toluene	0.25	0.22	89	80-120	
Ethylbenzene	0.25	0.23	93	80-120	
Total Xylenes	0.75	0.66	88	80-120	

Surrogate Recovery			
Dibromofluoromethane	116	65-135	
1,2-Dichloroethane-d4	114	65-135	
Toluene-d8	92	65-135	
4-Bromofluorobenzene	100	65-135	

ANALYSES PERFORMED BY: Sherry Chilcutt

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Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-P30-P51-60-N

Date Analyzed 11/5/2020

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl chloride	0.25	0.26	0.27	102	106	3.8	65-135	
cis-1,2-Dichloroethene	0.25	0.22	0.24	90	96	6.9	65-135	
Trichloroethene (TCE)	0.25	0.22	0.23	89	91	2.7	65-135	
Tetrachloroethene (PCE)	0.25	0.24	0.29	97	116	18.0	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	115	112	65-135
1,2-Dichloroethane-d4	110	104	65-135
Toluene-d8	91	90	65-135
4-Bromofluorobenzene	130	105	65-135

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed 11/4/2020

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.26	104	80-120	
cis-1,2-Dichloroethene	0.25	0.23	94	80-120	
Trichloroethene (TCE)	0.25	0.23	92	80-120	
Tetrachloroethene (PCE)	0.25	0.25	101	80-120	

Surrogate Recovery		
Dibromofluoromethane	118	65-135
1,2-Dichloroethane-d4	116	65-135
Toluene-d8	94	65-135
4-Bromofluorobenzene	109	65-135

ANALYSES PERFORMED BY: Sherry Chilcutt

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Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Analyses of Gasoline (NWTPH-Gx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)
Method Blank	11/4/2020	88%	nd
B-P32-P19-44-S	11/4/2020	88%	nd
B-P32-P20.5-44-S	11/4/2020	90%	nd
B-P32-P19-42-S	11/4/2020	87%	nd
B-P32-P19-42-S Dup	11/4/2020	87%	nd
B-P32-P20.5-42-S	11/4/2020	87%	nd
Practical Quantitation Limit			10

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	11/4/2020	86	nd	nd
B-P32-P19-44-S	11/4/2020	83	nd	nd
B-P32-P20.5-44-S	11/4/2020	89	nd	nd
B-P32-P20.5-44-S Dup	11/4/2020	80	nd	nd
B-P32-P19-42-S	11/4/2020	91	nd	nd
B-P32-P20.5-42-S	11/4/2020	77	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: Sherry Chilcutt

Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957

November 6, 2020

Andrew Yonkofski
Aspect Consulting, LLC
710 2nd Ave, Ste 550
Seattle, WA 98104

Dear Mr. Yonkofski:

Please find enclosed the analytical data report for the Maddox North, Maddox South Project located in Seattle, 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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/5/20 Page: 1 of: 1

Project Name: Maddux N

Project No: 160324

Collected by: RAC

Location: Maddux N

Report To (PM): Andrew Yankofski

PM Email: ayankofski@aspectconsulting.com

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste 550

City, State, Zip: Seattle, WA 98104

Telephone: (206) 413-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260				Comments
1	B-P34.25-P53-5.5-N	11/5/20	0850	Soil													X				
2	B-P34.25-P51-5.5-N		0940																		
3	B-P32-P1-6.0-N		1250																		
4	B-P34.25-P47-5.5-N		1330																		
5	B-P32-P1-57.5-N		1437																		
6	SW-P32-P21.5-42-S	11/5/20	0835	Soil				X	X								X				
7	SW-P32-P19-42-S	11/5/20	0825	Soil				X	X								X				
8																					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Rachel Cu	11/5/20 1600	x [signature]	11-5-20 1600
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- ☐ Same Day ____ (specify)

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201105-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	B-P30-P51-51-N	B-P30-P49-48-N	B-P34.25-P53-56-N	B-P34.25-P51-56-N
Date Sampled	Reporting	N/A	11/4/2020	11/4/2020	11/5/2020	11/5/2020
Date Analyzed	Limits	11/5/2020	11/5/2020	11/5/2020	11/5/2020	11/5/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	0.12	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	0.064	0.14
Surrogate Recovery						
Dibromofluoromethane		116	113	109	117	120
1,2-Dichloroethane-d4		109	9	90	108	109
Toluene-d8		90	88	89	86	87
4-Bromofluorobenzene		82	84	75	77	78

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201105-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P1-60-N	B-P34.25-P47-56-N	B-P32-P1-57.5-N
Date Sampled	Reporting	11/5/2020	11/5/2020	11/5/2020
Date Analyzed	Limits	11/5/2020	11/5/2020	11/5/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd
cis-1,2-Dichloroethene	0.03	nd	0.081	nd
Trichloroethene (TCE)	0.02	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd
Surrogate Recovery				
Dibromofluoromethane		117	123	111
1,2-Dichloroethane-d4		117	101	91
Toluene-d8		85	88	88
4-Bromofluorobenzene		79	80	106

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P19-40-S	SW-P32-P21.5-42-S	SW-P32-P21.5-42-S	SW-P32-P19-42-S
Date Sampled	Reporting	11/4/2020	11/5/2020	11/5/2020	11/5/2020
Date Analyzed	Limits	11/5/2020	11/5/2020	11/5/2020	11/5/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd
Benzene	0.02	nd	nd	nd	nd
Toluene	0.10	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd	nd
Surrogate Recovery					
Dibromofluoromethane		115	123	109	120
1,2-Dichloroethane-d4		101	113	86	107
Toluene-d8		89	89	86	88
4-Bromofluorobenzene		79	81	73	82

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

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Libby Project # L201105-10
Client Project # 160324

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: SW-P32-P21.5-42-S

Date Analyzed 11/5/2020

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl chloride	0.25	0.23	0.26	92	104	11.8	65-135	
cis-1,2-Dichloroethene	0.25	0.22	0.27	87	109	22.9	65-135	
Trichloroethene (TCE)	0.25	0.23	0.25	90	99	9.3	65-135	
Tetrachloroethene (PCE)	0.25	0.25	0.27	99	108	8.1	65-135	
Benzene	0.25	0.21	0.25	84	101	18.1	65-135	
Toluene	0.25	0.20	0.23	79	93	15.8	65-135	
Ethylbenzene	0.25	0.21	0.23	84	93	10.4	65-135	
Total Xylenes	0.75	0.57	0.67	76	89	15.6	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	114	116	65-135
1,2-Dichloroethane-d4	98	104	65-135
Toluene-d8	94	96	65-135
4-Bromofluorobenzene	95	99	65-135

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed 11/5/2020

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.27	107	80-120	
cis-1,2-Dichloroethene	0.25	0.26	104	80-120	
Trichloroethene (TCE)	0.25	0.25	99	80-120	
Tetrachloroethene (PCE)	0.25	0.27	107	80-120	
Benzene	0.25	0.24	95	80-120	
Toluene	0.25	0.21	85	80-120	
Ethylbenzene	0.25	0.23	94	80-120	
Total Xylenes	0.75	0.65	87	80-120	

Surrogate Recovery			
Dibromofluoromethane	112	65-135	
1,2-Dichloroethane-d4	110	65-135	
Toluene-d8	93	65-135	
4-Bromofluorobenzene	97	65-135	

ANALYSES PERFORMED BY: Sherry Chilcutt

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Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201105-10
Client Project # 160324

Analyses of Gasoline (NWTPH-Gx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)
Method Blank	11/5/2020	90%	nd
B-P32-P19-40-S	11/5/2020	89%	nd
SW-P32-P19-42-S	11/5/2020	88%	nd
SW-P32-P21.5-42-S	11/5/2020	89%	nd
SW-P32-P21.5-42-S Dup	11/5/2020	86%	nd
Practical Quantitation Limit			10

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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Client Project # 160324

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	11/5/2020	70	nd	nd
B-P32-P19-40-S	11/5/2020	84	nd	nd
SW-P32-P19-42-S	11/5/2020	72	nd	nd
SW-P32-P19-42-S Dup	11/5/2020	76	nd	nd
SW-P32-P21.5-42-S	11/5/2020	70	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: Sherry Chilcutt

APPENDIX G

Extremely Hazardous Waste, Dangerous Waste, and Contained-In Determination Soil Disposal Records

Table G-1. Disposal Record Summary - Maddux North
Project No. 160324, Maddux North and South, Seattle, Washington

Summary of Total Soil Exported from Each Category as of 11-17-2020:	
	Weight Ticket Tons
CI - Remediation	12,522
CI - Redevelopment	244
Dangerous Waste	185.5
Hazardous Waste	16.4

Date	Type of Truck	Soil Category	Purpose	Container ID	USDOT Number	Estimated Tons	Weight Ticket Tons	Weight Ticket Number
8/17/2020	Container	CI	Remediation	GCEU 440256	2594557	31	29.14	285494
8/18/2020	Container	CI	Remediation	GCEU 426947	2594557	31	32.49	285803
8/18/2020	Container	CI	Remediation	GCEU 431372	2594557	31	28.96	285801
8/18/2020	Container	CI	Remediation	RBSU 200310	2594557	31	30.59	285817
8/18/2020	Container	CI	Remediation	TOLU 453219	2594557	31	38.16	285807
8/18/2020	Container	CI	Redevelopment	TOLU 458298	2594557	31	36.61	285811
8/18/2020	Container	CI	Redevelopment	GCEU 432025	2594557	31	30.18	285808
8/18/2020	Container	CI	Remediation	GCEU 435435	2594557	31	31.72	285813
8/19/2020	Container	CI	Remediation	GCEU 425154	2550197	31	32.62	285833
8/19/2020	Container	CI	Remediation	GCEU 425627	2550197	31	33.20	285839
8/19/2020	Container	CI	Remediation	GCEU 426058	2550197	31	30.80	285818
8/19/2020	Container	CI	Remediation	GCEU 435018	2550197	31	32.10	285842
8/19/2020	Container	CI	Remediation	TOLU 422708	2550197	31	33.96	285847
8/19/2020	Container	CI	Remediation	TOLU 425124	2550197	31	32.62	285843
8/19/2020	Container	CI	Remediation	TOLU 455160	2550197	31	31.91	285828
8/19/2020	Container	CI	Remediation	TOLU 467913	2550197	31	31.34	285834
8/19/2020	Container	CI	Remediation	TRLU 900349	2550197	31	32.53	285829
8/20/2020	Container	CI	Remediation	GCEU 430885	2594557	31	34.08	283216
8/20/2020	Container	CI	Remediation	GCEU 432123	2550197-04	31	33.55	283974
8/20/2020	Container	CI	Remediation	GCEU 435337	2550197-04	31	32.89	283192
8/20/2020	Container	CI	Remediation	TOLU 459051	2594557	31	35.09	283206
8/20/2020	Container	CI	Remediation	TOLU 468379	2594557	31	40.48	283202
8/20/2020	Container	CI	Remediation	TOLU 468899	2550197-04	31	39.51	283975
8/20/2020	Container	CI	Remediation	TOLU 476396	2550197-04	31	33.39	283195
8/20/2020	Container	CI	Remediation	TRLU 902911	2594557	31	31.22	283189
8/20/2020	Container	CI	Remediation	GCEU 425648	2594557	31	33.37	283976
8/20/2020	Container	CI	Remediation	GCEU 435123	2550197-04	31	35.15	283205
8/20/2020	Container	CI	Remediation	GCEU 440046	2594557	31	34.21	283194
8/20/2020	Container	CI	Remediation	TOLU 422739	2550197-04	31	36.83	283978
8/20/2020	Container	CI	Remediation	TOLU 456074	2594557	31	32.95	283198
8/21/2020	Container	CI	Remediation	RBSU 200428	2864146	31	32.72	283985
8/21/2020	Container	CI	Remediation	TOLU 459475	2864146	31	34.56	283254
8/21/2020	Container	CI	Remediation	TOLU 469190	2864146	31	36.25	283217
8/21/2020	Container	CI	Remediation	TRLU 900884	2864146	31	33.80	283251
8/24/2020	Container	CI	Remediation	AWIU 8014	2550197	31	27.67	293090
8/24/2020	Container	CI	Remediation	AWIU 8245	2550197	31	35.25	283292
8/24/2020	Container	CI	Remediation	GCEU 435285	2550197	31	29.63	293082
8/24/2020	Container	CI	Remediation	RBSU 200332	2550197	31	33.69	283256
8/24/2020	Container	CI	Remediation	TOLU 458237	2550197	31	27.51	283310
8/24/2020	Container	CI	Remediation	GCEU 432093	2550197	31	37.53	293081
8/25/2020	Container	CI	Remediation	AWIU 200011	2550197	31	28.94	283311
8/25/2020	Container	CI	Remediation	RBSU 200185	2954557	31	29.18	283329
8/25/2020	Container	CI	Remediation	RBSU 200198	2550197	31	29.05	283331
8/25/2020	Container	CI	Remediation	RBSU 200367	2550197	31	29.25	283335
8/25/2020	Container	CI	Remediation	GCEU 430732	2594557	31	27.52	283979
8/25/2020	Container	CI	Remediation	RBSU 200407	2550197	31	27.52	283325
8/25/2020	Container	CI	Remediation	RBSU 200437	2550197	31	34.94	283328
8/25/2020	Container	CI	Remediation	TOLU 453274	2594557	31	31.35	283996
8/25/2020	Container	CI	Remediation	TOLU 458613	2550197	31	30.80	283993
8/25/2020	Container	CI	Remediation	TOLU 466739	2550197	31	34.25	283995
8/26/2020	Container	CI	Remediation	AWIU 8428	2550197	31	31.57	284002
8/26/2020	Container	CI	Remediation	TOLU 424025	2550197	31	31.08	283999
8/26/2020	Container	CI	Remediation	TRLU 900450	2550197	31	32.29	283357
8/26/2020	Container	CI	Remediation	AWIU 8045	2550197	31	31.45	283367
8/26/2020	Container	CI	Remediation	GCEU 440196	2550197	31	29.47	283339
8/26/2020	Container	CI	Remediation	UPCU 411516	2550197	31	28.25	283370
8/27/2020	Container	CI	Remediation	AWUI 8144	2594557	31	26.45	283373
8/27/2020	Container	CI	Remediation	AWUI 8283	2594557	31	31.93	293399
8/27/2020	Container	CI	Remediation	AWUI 8498	2594557	31	31.75	283385
8/27/2020	Container	CI	Remediation	TOLU 452043	2594557	31	25.39	283340
8/27/2020	Container	CI	Remediation	GCEU 426622	2594557	31	34.17	293400
9/2/2020	Truck and Trailer	Dangerous Waste	Remediation		367149	30	30.15	013851323FLE
9/2/2020	Truck and Trailer	Dangerous Waste	Remediation		1468144	30	31.53	013851325FLE
9/2/2020	Truck and Trailer	Dangerous Waste	Remediation		1468144	30	30.60	013851324FLE
9/3/2020	Truck and Trailer	Dangerous Waste	Remediation		740532	30	29.98	013851322FLE
9/3/2020	Truck and Trailer	Dangerous Waste	Remediation		740532	30	31.75	013851321FLE
9/3/2020	Truck and Trailer	Dangerous Waste	Remediation		740532	30	31.48	013851318FLE
9/3/2020	Container	Hazardous Waste	Remediation	WMXU0087000	1468144	10	16.43	013851242FLE
9/4/2020	Container	CI	Remediation	GCEU 426213	2594557	31	28.37	293185
9/4/2020	Container	CI	Remediation	GCEU 431453	2550197	31	27.68	293171
9/4/2020	Container	CI	Remediation	GCEU 455126	2594557	31	30.99	293169
9/4/2020	Container	CI	Remediation	TOLU 459438	2594557	31	32.77	293174
9/4/2020	Container	CI	Remediation	TOLU 466526	2594557	31	29.44	293402
9/4/2020	Container	CI	Remediation	TPHU 252353	2594557	31	28.97	293178
9/4/2020	Container	CI	Remediation	TRLU 459498	2594557	31	30.12	293165
9/4/2020	Container	CI	Remediation	UPCU 411425	2550197	31	27.70	293161
9/4/2020	Container	CI	Remediation	GCEU 425690	2550197	31	36.72	293181
9/4/2020	Container	CI	Remediation	GCEU 426548	2594557	31	32.14	293183
9/4/2020	Container	CI	Remediation	GCEU 430669	2594557	31	29.86	293160
9/4/2020	Container	CI	Remediation	GCEU 430812	2550197	31	32.42	293162
9/4/2020	Container	CI	Remediation	GCEU 431710	2550197	31	29.17	293184
9/4/2020	Container	CI	Remediation	TOLU 459068	2550197	31	30.13	293167
9/4/2020	Container	CI	Remediation	TOLU 469490	2550197	31	31.02	293177
9/4/2020	Container	CI	Remediation	TRLU 900955	2550197	31	30.83	293175
9/4/2020	Container	CI	Remediation	TRLU 901855	2594557	31	29.71	293176
9/8/2020	Container	CI	Remediation	EGTU 420523	2594557	31	25.17	293229
9/8/2020	Container	CI	Remediation	GCEU 420249	2594557	31	32.64	293187
9/8/2020	Container	CI	Remediation	GCEU 430018	2550197	31	36.05	293186
9/8/2020	Container	CI	Remediation	GCEU 430566	2550197	31	32.48	293244
9/8/2020	Container	CI	Remediation	GCEU 432045	2594557	31	27.89	293232
9/8/2020	Container	CI	Remediation	GCEU 432163	2550197	31	33.01	293241
9/8/2020	Container	CI	Remediation	GCEU 445042	2594557	31	31.90	293227
9/8/2020	Container	CI	Remediation	RBSU 200220	2550197	31	27.85	293739
9/8/2020	Container	CI	Remediation	RBSU 200223	2550197	31	27.68	293235
9/8/2020	Container	CI	Remediation	RBSU 200339	2550197	31	27.55	293741
9/8/2020	Container	CI	Remediation	TOLU 422718	2550197	31	29.25	293243
9/8/2020	Container	CI	Remediation	TOLU 455191	2594557	31	27.74	293225
9/8/2020	Container	CI	Remediation	TRLU 900884	2550197	31	30.77	293233
9/11/2020	Container	CI	Remediation	GCEU 432168	2594557	31	27.34	293578
9/11/2020	Container	CI	Remediation	GCEU 435545	2594557	31	27.42	293585
9/11/2020	Container	CI	Remediation	GCEU 426548	2594557	31	27.27	293576
9/11/2020	Container	CI	Remediation	GCEU 430669	2594557	31	30.73	293590
9/11/2020	Container	CI	Remediation	GCEU 430812	2594557	31	33.14	293577
9/11/2020	Container	CI	Remediation	GCEU 431710	2594557	31	28.36	293589
9/11/2020	Container	CI	Remediation	TOLU 453003	2594557	31	28.66	293580
9/11/2020	Container	CI	Remediation	TOLU 456074	2594557	31	28.17	293239
9/11/2020	Container	CI	Remediation	TRLU 901855	2594557	31	28.97	293574
9/14/2020	Container	CI	Remediation	GCEU 425690	2594557	31	30.63	283636
9/14/2020	Container	CI	Remediation	TOLU 469490	2550197	31	30.09	283638
9/14/2020	Container	CI	Remediation	AWIU 8045	2550197	31	31.07	284166
9/14/2020	Container	CI	Remediation	AWIU 200010	2550197	31	30.71	284168
9/14/2020	Container	CI	Remediation	AWIU 8360	2550197	31	30.83	284172
9/14/2020	Container	CI	Remediation	AWIU 8130	2594557	31	29.98	284173
9/14/2020	Container	CI	Remediation	RBSU 200268	2550197	31	31.67	284174
9/14/2020	Container	CI	Remediation	AWIU 8498	2594557	31	30.73	284175
9/14/2020	Container	CI	Remediation	TRLU 900402	2594557	31	32.96	284179
9/14/2020	Container	CI	Remediation	RBSU 200319	2550197	31	30.39	293245
9/14/2020	Container	CI	Remediation	TOLU 456445	2594557	31	30.61	284163
9/14/2020	Container	CI	Remediation	TOLU 459910	2594557	31	31.22	293592
9/14/2020	Container	CI	Remediation	AWIU 8190	2594557	31	29.66	284185
9/14/2020	Container	CI	Remediation	AWIU 8250	2594557	31	29.77	284186

Table G-1. Disposal Record Summary - Maddux North
Project No. 160324, Maddux North and South, Seattle, Washington

Date	Type of Truck	Soil Category	Purpose	Container ID	USDOT Number	Estimated Tons	Weight Ticket Tons	Weight Ticket Number
9/15/2020	Container	CI	Remediation	RBSU 200278	2550197-06	31	26.87	293619
9/15/2020	Container	CI	Remediation	AWIU 8144	2550197-06	31	29.60	293481
9/15/2020	Container	CI	Remediation	EGTU 420391	2550197-06	31	27.54	283656
9/15/2020	Container	CI	Remediation	GCEU 425378	2594557	31	31.36	284200
9/15/2020	Container	CI	Remediation	GCEU 431342	2594557	31	28.66	293480
9/15/2020	Container	CI	Remediation	GCEU 432170	2550197-06	31	26.99	293482
9/15/2020	Container	CI	Remediation	GCEU 435337	2550197-06	31	31.76	284194
9/15/2020	Container	CI	Remediation	GCEU 435435	2594557	31	30.20	283658
9/15/2020	Container	CI	Remediation	GCEU 432143	2594557	31	30.34	293620
9/15/2020	Container	CI	Remediation	TOLU 452449	2594557	31	27.95	293617
9/15/2020	Container	CI	Remediation	TRLU 901016	2594557	31	31.12	293479
9/15/2020	Container	CI	Remediation	GCEU 440046	2594557	31	30.81	284197
9/15/2020	Container	CI	Remediation	TOLU 459437	2550197-06	31	32.60	283661
9/15/2020	Container	CI	Remediation	TOLU 459507	2550197-06	31	25.21	283655
9/15/2020	Container	CI	Remediation	TRLU 901215	2594557	31	30.68	283694
9/16/2020	Container	CI	Remediation	TOLU 457824	2594557	31	32.09	293505
9/16/2020	Container	CI	Remediation	TRLU 900263	2550197-06	31	30.50	293506
9/16/2020	Container	CI	Remediation	GCEU 435209	2550197-06	31	30.24	293509
9/16/2020	Container	CI	Remediation	GCEU 435515	2594557	31	29.29	293508
9/16/2020	Container	CI	Remediation	GCEU 426451	2594557	31	29.66	293754
9/16/2020	Container	CI	Remediation	RBSU 200208	2550197-06	31	30.50	293764
9/16/2020	Container	CI	Remediation	RBSU 200212	2550197-06	31	27.84	293761
9/16/2020	Container	CI	Remediation	GCEU 425375	2550197-06	31	30.85	293756
9/16/2020	Container	CI	Remediation	RBSU 200103	2594557	31	27.29	293758
9/16/2020	Container	CI	Remediation	RBSU 200422	2594557	31	25.41	293762
9/16/2020	Container	CI	Remediation	TOLU 453397	2550197-06	31	28.80	293751
9/16/2020	Container	CI	Remediation	TOLU 458697	2594557	31	28.54	293621
9/16/2020	Container	CI	Remediation	TOLU 466842	2550197-06	31	31.60	293507
9/16/2020	Container	CI	Remediation	TOLU 468550	2594557	31	28.89	293511
9/16/2020	Container	CI	Remediation	RBSU 200417	2550197-06	31	28.43	293759
9/16/2020	Container	CI	Remediation	RBSU 200210	2594557	31	30.80	283685
9/16/2020	Container	CI	Remediation	RBSU 200323	2594557	31	26.89	293760
9/17/2020	Container	CI	Remediation	GCEU 425933	2550197-06	31	28.88	283729
9/17/2020	Container	CI	Remediation	GCEU 430732	2550197-06	31	32.86	283755
9/17/2020	Container	CI	Remediation	GCEU 440148	2550197-06	31	29.00	283762
9/17/2020	Container	CI	Remediation	GCEU 440256	2550197-06	31	32.19	283758
9/17/2020	Container	CI	Remediation	RBSU 200275	2550197-06	31	28.17	283717
9/17/2020	Container	CI	Remediation	TOLU 458613	2550197-06	31	29.88	283726
9/17/2020	Container	CI	Remediation	TOLU 467806	2550197-06	31	35.92	283753
9/30/2020	Container	CI	Remediation	GCEU 425648	2550197	31	32.64	293948
9/30/2020	Container	CI	Remediation	TRLU 902270	2550197	31	28.38	293949
9/30/2020	Container	CI	Remediation	GCEU 435233	2550197	31	32.26	293950
9/30/2020	Container	CI	Redevelopment	TOLU 422199	2550197	31	29.63	293952
9/30/2020	Container	CI	Redevelopment	AWIU 8280	2550197	31	29.63	293953
9/30/2020	Container	CI	Remediation	GCEU 435207	2550197	31	30.76	293955
9/30/2020	Container	CI	Remediation	AWIU 200003	2550197	31	32.97	293957
9/30/2020	Container	CI	Remediation	EGTU 420598	2550197	31	30.95	293959
9/30/2020	Container	CI	Remediation	AWIU 8425	2550197	31	30.71	293964
10/1/2020	Container	CI	Remediation	TOLU 442313	2550197-04	31	29.69	284069
10/1/2020	Container	CI	Remediation	TOLU 459437	2550197-04	31	31.70	284072
10/1/2020	Container	CI	Remediation	RBSU 200207	2550197-04	31	25.87	293965
10/1/2020	Container	CI	Remediation	RBSU 200114	2550197-04	31	26.19	293975
10/1/2020	Container	CI	Remediation	GCEU 435192	2550197-04	31	30.92	293980
10/1/2020	Container	CI	Remediation	RBSU 200124	2550197-04	31	30.82	293983
10/1/2020	Container	CI	Remediation	GCEU 426548	2550197-04	31	31.31	293978
10/2/2020	Container	CI	Remediation	GCEU 440148	1909718	31	32.27	283849
10/2/2020	Container	CI	Remediation	EGTU 420743	2550197	31	29.91	284077
10/2/2020	Container	CI	Remediation	TRLU 901215	2594557	31	37.80	284079
10/2/2020	Container	CI	Remediation	TOLU 459507	2550197	31	36.73	284080
10/2/2020	Container	CI	Remediation	TOLU 456565	1909718	31	36.75	284092
10/2/2020	Container	CI	Remediation	GCEU 440046	1909718	31	31.12	284095
10/2/2020	Container	CI	Remediation	GCEU 440256	2594557	31	25.68	284096
10/2/2020	Container	CI	Remediation	GCEU 435337	2550197	31	32.10	284097
10/2/2020	Container	CI	Remediation	TRLU 901713	1909718	31	29.97	284098
10/2/2020	Container	CI	Remediation	GCEU 430732	2594557/5798-12	31	32.93	284100
10/2/2020	Container	CI	Remediation	TOLU 440437	2550197	31	28.02	284102
10/2/2020	Container	CI	Remediation	TOLU 458613	2550197	31	34.88	284103
10/2/2020	Container	CI	Remediation	GCEU 425933	2550197	31	31.54	284107
10/2/2020	Container	CI	Remediation	GCEU 435435	2594557	31	31.49	284251
10/2/2020	Container	CI	Remediation	TOLU 467806	2594557/5798-12	31	34.03	284253
10/2/2020	Container	CI	Remediation	RBSU 200275	1909718	31	26.76	284254
10/2/2020	Container	CI	Remediation	GCEU 425978	2550197	31	28.23	293994
10/2/2020	Container	CI	Remediation	RBSU 200297	1909718	31	28.00	293996
10/2/2020	Container	CI	Remediation	TOLU 466664	1909718	31	30.33	293997
10/3/2020	Container	CI	Remediation	GCEU 435207	2550147-04	31	30.77	293955
10/5/2020	Container	CI	Remediation	TOLU 459386	2550917	31	30.08	284110
10/5/2020	Container	CI	Remediation	AWIU 8500	1909718	31	32.27	284111
10/5/2020	Container	CI	Remediation	TOLU 424038	2550147-04	31	31.72	284112
10/5/2020	Container	CI	Remediation	TOLU 453274	1909718	31	32.41	284114
10/5/2020	Container	CI	Remediation	TOLU 466739	2550917	31	32.66	284117
10/5/2020	Container	CI	Remediation	TOLU 425128	2550147-04	31	32.30	284123
10/5/2020	Container	CI	Remediation	GCEU 445127	2594557	31	31.80	284138
10/5/2020	Container	CI	Remediation	GCEU 440196	2550917	31	33.97	284139
10/5/2020	Container	CI	Remediation	RBSU 200437	2594557	31	31.04	284140
10/5/2020	Container	CI	Remediation	GCEU 435366	2550917	31	32.56	284146
10/5/2020	Container	CI	Remediation	RBSU 200210	2594557	31	26.47	284255
10/5/2020	Container	CI	Remediation	RBSU 200234	1909718	31	29.31	284257
10/5/2020	Container	CI	Remediation	TOLU 468988	2550917	31	30.89	284258
10/5/2020	Container	CI	Remediation	GCEU 435123	2550147-04	31	30.78	284259
10/5/2020	Container	CI	Remediation	GCEU 420227	2594557	31	33.49	284260
10/5/2020	Container	CI	Remediation	GECU 420206	2550917	31	31.13	284261
10/5/2020	Container	CI	Remediation	TOLU 457801	1909718	31	32.35	284262
10/5/2020	Container	CI	Remediation	TOLU 466610	2550147-04	31	32.95	284263
10/5/2020	Container	CI	Remediation	GECU 435239	2594557	31	29.52	284264
10/5/2020	Container	CI	Remediation	TOLU 469450	2594557	31	32.30	284265
10/5/2020	Container	CI	Remediation	TRLU 903644	1909718	31	33.53	284266
10/5/2020	Container	CI	Remediation	UPCU 411516	2550147-04	31	32.29	284267
10/5/2020	Container	CI	Remediation	AWIU 200013	2594557	31	30.20	284269
10/5/2020	Container	CI	Remediation	RBSU 200407	2550917	31	28.78	284270
10/5/2020	Container	CI	Remediation	TOLU 422739	2550147-04	31	29.15	284272
10/5/2020	Container	CI	Remediation	AWIU 8789	1909718	31	30.69	284271
10/6/2020	Container	CI	Remediation	TOLU 458270	2594557-04	31	33.83	284147
10/6/2020	Container	CI	Remediation	GCEU 435556	2550197-04	31	30.30	294025
10/6/2020	Container	CI	Remediation	TOLU 453479	2594557	31	27.52	294027
10/6/2020	Container	CI	Remediation	TOLU 469190	1909718	31	29.05	294026
10/7/2020	Container	CI	Remediation	RBSU 200417	2594557 5789-12	31	28.74	294031
10/7/2020	Container	CI	Remediation	TOLU 452007	2550197-04	31	31.23	294032
10/7/2020	Container	CI	Remediation	RBSU 200133	2550197	31	29.99	294033
10/7/2020	Container	CI	Remediation	RBSU 200369	2594557	31	29.27	294034
10/7/2020	Container	CI	Remediation	RBSU 200114	2550197-04	31	29.69	294035
10/7/2020	Container	CI	Remediation	RBSU 200151	2550197	31	29.00	294037
10/7/2020	Container	CI	Remediation	RBSU 200374	2594557 5798-12	31	24.33	294039
10/7/2020	Container	CI	Remediation	AWIU 8130	2550197	31	29.41	294041
10/7/2020	Container	CI	Remediation	AWIU 200005	2550197-04	31	32.73	294042
10/7/2020	Container	CI	Remediation	RBSU 200282	2594557 5798-12	31	31.43	294043
10/7/2020	Container	CI	Remediation	RBSU 200292	2550197-04	31	29.56	294044
10/7/2020	Container	CI	Remediation	RBSU 200358	2550197	31	28.93	294045
10/7/2020	Container	CI	Remediation	TRLU 902942	2550197	31	32.74	294046
10/7/2020	Container	CI	Remediation	RBSU 200153	2550197-04	31	34.29	294047
10/7/2020	Container	CI	Remediation	TRLU 900349	2550197-01	31	39.27	294048
10/7/2020	Container	CI	Remediation	RBSU 200247	2594557 5798-12	31	35.81	294050
10/7/2020	Container	CI	Remediation	RBSU 200224	2550197-04	31	27.36	294151
10/7/2020	Container	CI	Remediation	RBSU 200226	2594557 5798-12	31	24.14	294152
10/7/2020	Container	CI	Remediation	RBSU 200194	2550197	31	28.41	294153
10/7/2020	Container	CI	Remediation	RBSU 200362	2550197	31	29.79	294154
10/7/2020	Container	CI	Remediation	RBSU 200426	2550197	31	26.26	294155
10/7/2020	Container	CI	Remediation	GCEU 435248	2594557 5798-12	31	28.92	294156
10/7/2020	Container	CI	Remediation	GCEU 431745	2550197	31	24.48	294158
10/7/2020	Container	CI	Remediation	GCEU 435257	2594557 5798-12	31	25.30	294160
10/7/2020	Container	CI	Remediation	RBSU 200301	2550197-04	31	28.72	294161
10/7/2020	Container	CI	Remediation	GCEU 425111	2550197-04	31	27.88	293635

Table G-1. Disposal Record Summary - Maddux North
Project No. 160324, Maddux North and South, Seattle, Washington

Date	Type of Truck	Soil Category	Purpose	Container ID	USDOT Number	Estimated Tons	Weight Ticket Tons	Weight Ticket Number
10/8/2020	Container	CI	Remediation	TRLU 900955	1909718-34	31	31.49	293636
10/8/2020	Container	CI	Remediation	GCEU 430272	2550197-04	31	29.47	293637
10/8/2020	Container	CI	Redevelopment	RBSU 200307	2550197	31	22.32	293638
10/8/2020	Container	CI	Remediation	TOLU 458045	2550197	31	31.40	294163
10/8/2020	Container	CI	Remediation	RBSU 200438	2550197-04	31	30.02	294166
10/8/2020	Container	CI	Remediation	TOLU 460481	2550197-04	31	36.97	294167
10/8/2020	Container	CI	Remediation	TPHU 252184	1909718-34	31	31.58	294168
10/8/2020	Container	CI	Remediation	TOLU 454140	2550197	31	33.30	294169
10/8/2020	Container	CI	Remediation	GCEU 420172	2550197-04	31	29.14	294171
10/8/2020	Container	CI	Remediation	GCEU 430734	1909718-34	31	27.32	294172
10/8/2020	Container	CI	Remediation	GCEU 425177	2550197	31	24.78	294174
10/8/2020	Container	CI	Remediation	RBSU 200172	2550197-04	31	27.26	294175
10/8/2020	Container	CI	Remediation	GCEU 426319	1909718-34	31	28.58	294179
10/8/2020	Container	CI	Remediation	GCEU 425375	2550197	31	33.16	294181
10/8/2020	Container	CI	Redevelopment	GCEU 432143	1909718-34	31	25.09	294182
10/8/2020	Container	CI	Remediation	TOLU 457824	2550197-04	31	28.82	294185
10/8/2020	Container	CI	Remediation	GCEU 426104	1909718-34	31	31.44	294186
10/8/2020	Container	CI	Redevelopment	TOLU 468788	2550197	31	31.16	294187
10/8/2020	Container	CI	Remediation	GCEU 426194	2550197-04	31	32.17	294191
10/8/2020	Container	CI	Remediation	RBSU 200431	2550197	31	27.83	294192
10/8/2020	Container	CI	Remediation	RBSU 200421	1909718-34	31	29.87	294193
10/8/2020	Container	CI	Redevelopment	TOLU 466718	2550197-04	31	31.45	294194
10/8/2020	Container	CI	Redevelopment	AWIU 8360	1909718-34	31	33.26	294195
10/9/2020	Container	CI	Remediation	RBSU 200278	1909718	31	31.86	294211
10/9/2020	Container	CI	Remediation	GCEU 430663	1909718	31	32.85	294201
10/9/2020	Container	CI	Remediation	GCEU 432093	1909718	31	32.73	294202
10/9/2020	Container	CI	Remediation	TOLU 459068	1909718	31	31.97	294204
10/9/2020	Container	CI	Remediation	GCEU 425933	1909718	31	35.68	294207
10/9/2020	Container	CI	Remediation	TOLU 453003	1909718	31	30.85	294208
10/9/2020	Container	CI	Remediation	GCEU 432046	1909718	31	34.20	294213
10/9/2020	Container	CI	Remediation	TOLU 424377	1909718	31	29.66	294214
10/12/2020	Container	CI	Remediation	TOLU 466714	2594557	31	29.21	294052
10/12/2020	Container	CI	Remediation	GCEU 431554	2594557	31	34.29	294054
10/12/2020	Container	CI	Remediation	GCEU 430852	2594557	31	31.46	294055
10/12/2020	Container	CI	Remediation	GCEU 426305	2594557	31	32.53	294056
10/12/2020	Container	CI	Remediation	TOLU 458725	2594557	31	27.49	294057
10/12/2020	Container	CI	Remediation	TOLU 453479	2594557	31	30.94	294058
10/12/2020	Container	CI	Remediation	TOLU 425481	2594557	31	28.49	294059
10/12/2020	Container	CI	Remediation	TOLU 469489	2594557	31	31.46	294164
10/13/2020	Container	CI	Remediation	GCEU 432025	2550197	31	34.78	293641
10/13/2020	Container	CI	Remediation	TOLU 459025	2550197	31	31.90	294062
10/13/2020	Container	CI	Remediation	RBSU 200114	2550197	31	25.46	294063
10/13/2020	Container	CI	Remediation	TOLU 452007	2550197	31	27.89	294066
10/13/2020	Container	CI	Remediation	TOLU 466547	2550197	31	29.82	294067
10/13/2020	Container	CI	Remediation	GCEU 425068	2550197	31	30.81	294073
10/13/2020	Container	CI	Remediation	RBSU 200160	2550197	31	25.88	294074
10/13/2020	Container	CI	Remediation	TOLU 468350	2550197	31	28.53	294078
10/16/2020	Container	CI	Remediation	AGWU 8498	2550197-05	31	33.05	294196
10/16/2020	Container	CI	Remediation	AWIU 8026	2544557 5789-12	31	28.78	294108
10/16/2020	Container	CI	Remediation	AWIU 8173	2550197-05	31	32.09	294107
10/16/2020	Container	CI	Remediation	AWIU 8448	2544557 5789-12	31	29.26	294110
10/16/2020	Container	CI	Remediation	GCEU 426104	2544557 5789-12	31	33.12	294093
10/16/2020	Container	CI	Remediation	GCEU 430272	2544557 5789-12	31	32.65	294099
10/16/2020	Container	CI	Remediation	EGTU 420046	2550197-05	31	31.1	294105
10/16/2020	Container	CI	Remediation	GCEU 426890	2550197-05	31	32.34	293647
10/16/2020	Container	CI	Remediation	TOLU 453003	2550197-05	31	31.75	294102
10/16/2020	Container	CI	Remediation	TOLU 454034	2544557 5789-12	31	31.79	294100
10/16/2020	Container	CI	Remediation	TOLU 459025	2544557 5789-12	31	29.97	293646
10/16/2020	Container	CI	Remediation	TOLU 459721	2544557 5789-12	31	31.72	294060
10/16/2020	Container	CI	Remediation	TOLU 468615	2550197-05	31	33.08	293644
10/16/2020	Container	CI	Remediation	TOLU 900271	2544557 5789-12	31	31.16	294103
10/16/2020	Container	CI	Remediation	UPCU 411426	2550197-05	31	31.68	294097
10/16/2020	Container	CI	Remediation	GCEU 432046	2594557-5789-12	31	33.25	293648
10/16/2020	Container	CI	Remediation	UPCU 411522	2550197-05	31	31.64	294109
10/19/2020	Container	CI	Remediation	TRLU 901075	2594557-5789-12	31	31.54	300750
10/19/2020	Container	CI	Remediation	RBSU 200151	2594557-18	31	30.62	300751
10/19/2020	Container	CI	Remediation	GCEU 426327	2594557-5789-12	31	33.54	300752
10/19/2020	Container	CI	Remediation	GCEU 426622	2594557-18	31	32.30	300753
10/19/2020	Container	CI	Remediation	TRLU 902875	2594557-5789-12	31	30.97	300754
10/19/2020	Container	CI	Remediation	GCEU 435010	2594557-18	31	30.43	300757
10/19/2020	Container	CI	Remediation	TOLU 453274	2594557-5789-12	31	30.25	300758
10/19/2020	Container	CI	Remediation	TOLU 459507	2594557-18	31	30.91	300759
10/19/2020	Container	CI	Remediation	TOLU 903644	2594557-5789-12	31	33.04	300760
10/19/2020	Container	CI	Remediation	TOLU 469316	2594557-18	31	31.93	300761
10/19/2020	Container	CI	Remediation	TOLU 469221	2594557-5789-12	31	30.75	300762
10/19/2020	Container	CI	Remediation	TOLU 456462	2594557-18	31	29.33	300763
10/20/2020	Container	CI	Remediation	GCEU 435271	2594557-5789-12	31	28.41	294265
10/20/2020	Container	CI	Remediation	GCEU 440196	2594557-18	31	27.33	300765
10/20/2020	Container	CI	Remediation	TOLU 458899	2594557-5789-12	31	29.19	294302
10/20/2020	Container	CI	Remediation	GCEU 445127	2594557-18	31	30.86	300766
10/20/2020	Container	CI	Remediation	GCEU 432240	2594557-5789-12	31	32.44	294266
10/20/2020	Container	CI	Remediation	GCEU 425323	2594557-18	31	33.14	294267
10/20/2020	Container	CI	Remediation	GCEU 425664	2594557-5789-12	31	29.32	300767
10/20/2020	Container	CI	Remediation	TOLU 476396	2594557-18	31	27.56	294268
10/20/2020	Container	CI	Remediation	GCEU 425293	2594557-5789-12	31	29.64	290294
10/20/2020	Container	CI	Remediation	GCEU 435018	2594557-18	31	32.05	300768
10/21/2020	Container	CI	Remediation	TOLU 459051	2594557-18	31	28.74	290296
10/21/2020	Container	CI	Remediation	AWIU 200017	2594557-18	31	29.03	294269
10/21/2020	Container	CI	Remediation	GCEU 435337	2594557-18	31	31.53	290299
10/21/2020	Container	CI	Remediation	TOLU 468514	2594557-18	31	25.93	294270
10/21/2020	Container	CI	Remediation	AWIU 8457	2594557-18	31	31.08	294271
10/22/2020	Container	CI	Remediation	TOLU 458045	2590917-5789-12	31	27.46	294272
10/22/2020	Container	CI	Remediation	GCEU 425637	2590197-18	31	28.30	294273
10/22/2020	Container	CI	Remediation	TOLU 459721	2590197-18	31	32.18	294274
10/22/2020	Container	CI	Remediation	TRLU 900538	2590197-18	31	29.89	294275
10/22/2020	Container	CI	Remediation	TOLU 457801	2590197-18	31	29.82	294276
10/22/2020	Container	CI	Remediation	GCEU 425784	2590197-18	31	25.97	294277
10/23/2020	Container	CI	Remediation	AWIU 8425	2549557	31	29.73	294278
10/23/2020	Container	CI	Remediation	GCEU 431060	2549557	31	28.35	294279
10/23/2020	Container	CI	Remediation	GCEU 431305	2549557	31	23.95	294280
10/23/2020	Container	CI	Remediation	AWIU 8428	2549557-18	31	25.22	294281
10/23/2020	Container	CI	Remediation	TOLU 459507	2549557-18	31	23.99	294282
10/23/2020	Container	CI	Remediation	AWIU 200016	2549557-18	31	30.94	294283
10/26/2020	Container	CI	Remediation	TOLU 902875	2594557-18	31	27.12	294284
10/26/2020	Container	CI	Remediation	RBSU 200435	2594557-18	31	36.91	294285
10/26/2020	Container	CI	Remediation	RBSU 200174	2594557-18	31	33.23	294286
10/26/2020	Container	CI	Remediation	GCEU 426152	2594557-18	31	34.47	294287
10/26/2020	Container	CI	Remediation	AWIU 8014	2594557-18	31	28.49	294288
10/26/2020	Container	CI	Remediation	AWIU 200015	2594557-18	31	35.08	294258
10/26/2020	Container	CI	Remediation	RBSU 200420	2594557-18	31	33.99	294259
10/27/2020	Container	CI	Remediation	TOLU 466674	2594557-18	31	34.17	294260
10/27/2020	Container	CI	Remediation	RBSU 200273	2594557-18	31	33.61	294261
10/27/2020	Container	CI	Remediation	RBSU 200428	2594557-18	31	29.65	294262
10/27/2020	Container	CI	Remediation	GCEU 440078	2594557-18	31	35.24	294263
10/27/2020	Container	CI	Remediation	TOLU 468350	2594557-18	31	33.19	294264
10/27/2020	Container	CI	Remediation	GCEU 435543	2594557-18	31	31.72	293649
10/30/2020	Container	CI	Remediation	TOLU 424194	2594557 5789-12	31	28.91	290295
10/30/2020	Container	CI	Remediation	EGTU 420223	2594557 5789-12	31	32.37	293650
10/30/2020	Container	CI	Remediation	GCEU 432025	2594557 5789-12	31	25.72	294242
10/30/2020	Container	CI	Remediation	TOLU 457207	2594557 5789-12	31	27.75	294243
11/11/2020	Container	CI	Remediation	TOLU 468514	2594557-18	31	34.60	294245
11/11/2020	Container	CI	Remediation	GCEU 420172	2594557-18	31	33.48	294246
11/11/2020	Container	CI	Remediation	TOLU 424266	2594557-18	31	35.32	294247
11/11/2020	Container	CI	Remediation	TOLU 456990	2594557-18	31	33.83	294248
11/11/2020	Container	CI	Remediation	RBSU 200432	2594557-18	31	33.83	294249
11/11/2020	Container	CI	Remediation	GCEU 425111	2594557-18	31	32.40	294250
11/11/2020	Container	CI	Remediation	GCEU 430548	2594557-18	31	32.86	294119
11/11/2020	Container	CI	Remediation	GCEU 431095	2594557-18	31	31.35	294120

Table G-1. Disposal Record Summary - Maddux North
Project No. 160324, Maddux North and South, Seattle, Washington

Date	Type of Truck	Soil Category	Purpose	Container ID	USDOT Number	Estimated Tons	Weight Ticket Tons	Weight Ticket Number
11/12/2020	Container	CI	Remediation	RBSU 200278	2594557-18	31	30.98	294121
11/12/2020	Container	CI	Remediation	RBSU 200158	2594557-12	31	29.85	294122
11/12/2020	Container	CI	Remediation	TOLU 467913	2594557-18	31	32.43	294123
11/12/2020	Container	CI	Remediation	RBSU 200372	2594557-12	31	24.96	294124
11/12/2020	Container	CI	Remediation	GCEU 425209	2594557-18	31	30.41	294289
11/12/2020	Container	CI	Remediation	TOLU 469915	2594557-12	31	25.26	294290
11/12/2020	Container	CI	Remediation	RBSU 200374	2594557-18	31	34.17	294291
11/12/2020	Container	CI	Remediation	TOLU 900515	2594557-12	31	23.43	294292
11/12/2020	Container	CI	Remediation	GCEU 431179	2594557-18	31	29.47	294293
11/12/2020	Container	CI	Remediation	TOLU 468313	2594557-12	31	27.60	294294
11/12/2020	Container	CI	Remediation	GCEU 440198	2594557-18	31	32.01	294295
11/12/2020	Container	CI	Remediation	TRLU 901242	2594557-12	31	25.58	294297
11/12/2020	Container	CI	Remediation	GCEU 431326	2594557-18	31	38.36	290758
11/13/2020	Container	CI	Remediation	RBSU 200332	2594557	31	34.04	290756
11/13/2020	Container	CI	Remediation	AWIU 8360	2594557	31	24.48	290757
11/13/2020	Container	CI	Remediation	TOLU 457801	2594557	31	30.42	290755
11/13/2020	Container	CI	Remediation	GCEU 432248	2594557	31	34.07	290754
11/13/2020	Container	CI	Remediation	EGTU 420618	2594557	31	34.04	290753
11/13/2020	Container	CI	Remediation	RBSU 200313	2594557	31	34.29	290751
11/13/2020	Container	CI	Remediation	RBSU 200369	2594557	31	34.58	290950
11/13/2020	Container	CI	Remediation	GCEU 426890	2594557	31	34.26	290949
11/13/2020	Container	CI	Remediation	GCEU 420366	2594557	31	27.26	290948
11/13/2020	Container	CI	Remediation	TOLU 474109	2594557	31	24.25	290947
11/13/2020	Container	CI	Remediation	TOLU 459751	2594557	31	27.68	290946
11/13/2020	Container	CI	Remediation	RBSU 200269	2594557	31	29.23	290945
11/13/2020	Container	CI	Remediation	AWIU 200018	2594557	31	33.90	290944
11/16/2020	Container	CI	Remediation	TOLU 467586	2594557	31	33.39	290942
11/16/2020	Container	CI	Remediation	AWIU 8014	2594557-12	31	33.41	294943
11/16/2020	Container	CI	Remediation	GCEU 435114	2594557	31	30.03	290941
11/16/2020	Container	CI	Remediation	TOLU 456419	2594557-12	31	28.31	290940
11/16/2020	Container	CI	Remediation	GCEU 420049	2594557	31	30.35	290939
11/16/2020	Container	CI	Remediation	GCEU 435271	2594557-12	31	33.42	294296
11/16/2020	Container	CI	Remediation	GCEU 425043	2594557	31	29.23	294298
11/16/2020	Container	CI	Remediation	GCEU 431751	2594557-12	31	29.97	294299
11/16/2020	Container	CI	Remediation	RBSU 200356	2594557	31	32.31	294300
11/16/2020	Container	CI	Remediation	TOLU 456879	2594557-12	31	30.49	294301
11/16/2020	Container	CI	Remediation	RBSU 200201	2594557	31	30.46	290808
11/16/2020	Container	CI	Remediation	TOLU 458697	2594557-12	31	33.21	290809
11/16/2020	Container	CI	Remediation	TOLU 901258	2594557	31	32.32	290811
11/17/2020	Container	CI	Remediation	GCEU 445001	2594557-18	31	29.85	290812
11/17/2020	Container	CI	Remediation	GCEU 426106	2594557-18	31	32.75	290813
11/17/2020	Container	CI	Remediation	GCEU 435390	2594557-18	31	32.19	290814
11/17/2020	Container	CI	Remediation	GCEU 425990	2594557-18	31	32.37	290815
11/17/2020	Container	CI	Remediation	TOLU 458407	2594557-18	31	28.78	290816

1 - Area originally designated as "redevelopment", however based on PCE concentrations >MTCA and Ecology opinion that additional remedial excavation was necessary, category has been updated to "remediation"

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RIVERS EDGE 285494

DISPOSAL RECEIPT

86180	GROSS
37900	TARE
	NET

ACCT # 690468 JOB # 19175 MC

CONT # GCGU 440256

CITY

DATE: 8/17 20 20

TIME OUT

DATE: 08/17/20

TIME IN 10:54

67

Cindy 29.14

CUSTOMER # MT. BAKER HOUSING AUTHORITY

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285801

DISPOSAL RECEIPT

95760 GROSS
37840 TARE
NET

ACCT # 690468 JOB # MC 9175

CONT # GCEU 431372

CITY

DATE: 8/17/20

TIME OUT

DATE: 8/18/20

TIME IN 741 am

Cindy 67

28.94

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285807

MC

115100 GROSS
38780 TARE
NET

ACCT # 690468 JOB # 19175
CONT # TOLU453219
CITY

DATE: 8/18 20 20

TIME OUT
DATE: 8/18/20
TIME IN 924 am

Andy

38.16

67

CUSTOMER # MT. BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285803

MC

102880 GROSS
37900 TARE
NET

ACCT # 690468 JOB # 19175
CONT # GCEU 426947
CITY

DATE: 8/18 20 20

TIME OUT
DATE: 8/18/20
TIME IN 833 am

67

Andy

32.49

CUSTOMER # MT. BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285811

DISPOSAL RECEIPT

110360	GROSS
37140	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU 458298

CITY

DATE: 8/18 20 20

TIME OUT 11:02

DATE: 8/18/20

TIME IN 1140am

67

0 Andy

36.14

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285808

DISPOSAL RECEIPT

97540	GROSS
37180	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TCEU4320625

CITY

DATE: 8/18 20 20

TIME OUT

DATE: 8/18/20

TIME IN 1045am

67

Andy

20.18

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285817

DISPOSAL RECEIPT

101980	GROSS
40800	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # RBSU 200310

CITY

67

DATE: 5-18 20 20

TIME OUT

DATE: 8-18-20

TIME IN 1:41

30.59

Andy

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285813

DISPOSAL RECEIPT

101680	GROSS
38240	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU435435

CITY

67

DATE: 8/18 20 20

TIME OUT 11:54

DATE: 8-18-20

TIME IN ~~11:54~~ 12:50

Andy

31.72

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 08 283254

107,780

	GROSS	ACCT # 690468 JOB # 19175 (MC)
	TARE	CONT # TOLU459425
38660	NET 69,120	CITY
	34.56	67

~~19.98~~

DATE: 8/21 20 20
TIME OUT:
DATE: 8.21.20
TIME IN: 12:21

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Jeff

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 08 283217

10380	GROSS	ACCT # 690468 JOB # 19175 (MC)
	TARE	CONT # TOLU469190
37880	NET 72500	CITY
	36.25 tons	67

~~18.94~~

DATE: 8.20 20 20
TIME OUT: 7:38
DATE: 8/21/20
TIME IN: 8:40

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

~~Jeff~~ MATT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 11-08 283251

104920

GROSS

ACCT # 69468 JOB # MC 1975

TARE

CONT # TRL4900884

37300

NET 67,600 CITY

DATE: 8-21 20 20

TIME OUT: 9:45

DATE: 8-24-20

TIME IN: 10:53

BB.8 tons

~~18.846~~ 67

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 11 283311

99040 GROSS
41160 TARE
57,880 NET

ACCT # 690468 JOB # MC 19175
CONT # AWIU 200011
CITY 67

DATE: 8/24 20 20
TIME OUT:
DATE: 8/25/20
TIME IN: 8:07

28.94

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 11 283325

94140 GROSS
39100 TARE
55,040 NET

ACCT # 690468 JOB # MC 19175
CONT # RBSU200407
CITY 67

DATE: 8/25 20 20
TIME OUT:
DATE: 8/25/20
TIME IN: 9:48

27.52

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

New

TRUCK # 11 283331

78540	GROSS	
	TARE	
40440	NET	
58,100		

ACCT # 690468 JOB # mc 19175
CONT # RBSU 200198
CITY
29,05
67
MT Baker

DATE: 8.25 20 20
TIME OUT: 10:29
DATE: 8/25/20
TIME IN: 11:11
Put

CUSTOMER # NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

Newhall
Dias
283335

TRUCK #

97600	GROSS	
	TARE	
39,100	NET	
58,500		

ACCT # 690468 JOB # mc 19175
CONT # RBSU 200367
CITY
29.85
67
mt Baker

DATE: 8/25 20 20
TIME OUT: 11:45
DATE: 8/25/20
TIME IN: 12:35

CUSTOMER # NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

Newhall

TRUCK # 11 283995

105740
37240
68,500

GROSS
TARE
NET

ACCT # 690468 JOB # [redacted] MC 19175

CONT # TCLU4667739

CITY

DATE: 8.25 20 20

TIME OUT: 12:51

DATE: 8/25/20

TIME IN: 1:47

84.25

67

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 283367

102700 GROSS
TARE
39800 NET
62,900

ACCT # 690468 JOB # MC 19775
CONT # AWIU 8045
CITY 67
31.45

DATE: 8.26 20 20
TIME OUT: 12:40
DATE: 8/26/20
TIME IN: 2:03

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # NEWELL 283370

95260 GROSS
TARE
38760 NET
56,500

ACCT # 690468 JOB # MC 19775
CONT # UPCU4115116
CITY 67
28.25

DATE: 8/26 20 20
TIME OUT:
DATE: 8.26.20
TIME IN: 3:09

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 11 283339

91440	GROSS
37500	TARE
58.940	NET

ACCT # 610468 JOB # MC 19175
CONT # GCEU4490196
CITY
29.47 67

DATE: 8-25 20 20
TIME OUT: 2:05
DATE: 8/26/20.
TIME IN: 8:26

CUSTOMER # MT BAKER Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 283357

102,060	GROSS
37480	TARE
64,580	NET

ACCT # 610468 JOB # MC 19175
CONT # TRLU200450
CITY
32.29 67

DATE: 8/26 20 20
TIME OUT:
DATE: 8-26-20
TIME IN: 10:01

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 283999

99760	GROSS
37600	TARE
62,160	NET

ACCT # 690468 JOB # MC 19175
CONT # TCLU4246625
CITY _____
31.08 67

DATE: 8-26 20 20
TIME OUT: 10:18
DATE: 8.26.20
TIME IN: 11:13

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 284002

102,660	GROSS
39500	TARE
63,140	NET

ACCT # 690468 JOB # MC 19175
CONT # AWIU8428
CITY _____
31.57 67

DATE: 8.26 20 20
TIME OUT: 11:31
DATE: 8-26-20
TIME IN: 12:27

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
PAT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285847

106080 GROSS
38160 TARE
NET 67,920
33.96 tons

ACCT # 690468 JOB # MC 19175
CONT # TOLU 422708
CITY
67

DATE: ____ 20__
TIME OUT
DATE: 8-19-20
TIME IN 3:03

~~19.08~~

Andy

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285843

102440 GROSS
37200 TARE
NET 65,240
32.62 tons

ACCT # 690468 JOB # MC 19175
CONT # TOLU 425124
CITY
67

DATE: 8-19 20 20
TIME OUT
DATE: 8-19-20
TIME IN 2:10

~~16.30~~

Andy

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285842

DISPOSAL RECEIPT

~~15~~ MC

101920 GROSS
37720 TARE
NET 64,200
32.10 tons

ACCT # 690468 JOB # 19175
CONT # GCEU4435018
CITY

DATE: 8/19/20
TIME OUT
DATE: 8-19-20
TIME IN 1:24

67

Andy

~~$8.00~~

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285839

DISPOSAL RECEIPT

106060 GROSS
39860 TARE
NET 66,400
33.20 tons

ACCT # 690468 JOB # MC 19175
CONT # GCEU4256127
CITY

DATE: 8/19/20
TIME OUT 11:40 PM
DATE: 8/19/20
TIME IN 1234pm

67

Andy

~~$8.00~~

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285834

102340	GROSS	ACCT # 690468	JOB # MC 19175
39660	TARE	CONT # TCLU4467913	
	NET 62,680	CITY	
	31.34 tons		67

DATE: 8/19 20

TIME OUT 10:55

DATE: 8/19/20

TIME IN 11:28 am

Andy

~~19.85~~

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285829

102720	GROSS	ACCT # 690468	JOB # MC 19175
37660	TARE	CONT # ~~TRLU900849~~	
	NET 65,060	CITY 900349	
	32.53 tons		67

DATE: 8/19 20

TIME OUT

DATE: 8/19/20

TIME IN 9:31 am

Andy

~~18.85~~

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285833

DISPOSAL RECEIPT

102300	GROSS	ACCT # 690468	JOB # MC 19175
37060	TARE	CONT # GCCU4251541	
	NET 65,240	CITY	
	32.62 tons	67	

DATE: 8/19 20 20

TIME OUT

DATE: 8/19/20

TIME IN 1043am

Cindy $18.53

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285828

DISPOSAL RECEIPT

103040	GROSS	ACCT # 690468	JOB # MC 19175
39220	TARE	CONT # TOLU4551160	
	NET 63,820	CITY	
	31.91 tons	67	

DATE: 8/19 20 20

TIME OUT

DATE: 8/19/20

TIME IN 836am

Cindy $19.67

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

63 820
31 TONS

TRUCK # 18 RE 285818

DISPOSAL RECEIPT

99340	GROSS	
37740	TARE	
	NET 61,600	
	30.8 TONS	

ACCT # 690468 JOB # MC 19175

CONT # GCEU426058

CITY 67

DATE: 8-18 20 20

TIME OUT 1:56

DATE: 8/19/20

TIME IN 736am

Andy

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

Newell 04
283975

TRUCK # _____

116,680 GROSS
TARE
37660 NET

ACCT # 6504B JOB # MC 19179
CONT # TOLU 468 899
CITY _____

39.51 ton 67

DATE: 8-20 20 20
TIME OUT: 10:57
DATE: 8-20-20
TIME IN: 12:03

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

TRAVIS

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

Newell 04
283205

TRUCK # _____

107,480 GROSS
TARE
37,180 NET

ACCT # 6904B JOB # MC 19175
CONT # GCGU 435 123
CITY _____

35.15 ton

DATE: 8-20 20 20
TIME OUT: 12:21
DATE: 8-20-20
TIME IN: 1:12

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

TRAVIS

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

Newell
04
TRUCK # 283978

114060	GROSS
40400	TARE
	NET

ACCT # 69046 JOB # MC 19175
CONT # TCLU 422739
CITY

36.83 ton 67

DATE: 8-20 20 20
TIME OUT: 1:24
DATE: 8/20/20
TIME IN: 2:14

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
TRAVIS

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

04
TRUCK # 283974

104,420	GROSS
37300	TARE
	NET

ACCT # 690468 JOB # MC 9175
CONT # GCGU 432123
CITY

33.55 ton 67

DATE: 8-20 20 20
TIME OUT: 9:48
DATE: 8-20-20
TIME IN: 10:39

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
TRAVIS

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 04 Newell B. 283192

103160	GROSS	
	TARE	
37380	NET	

ACCT # 690468 JOB # MC 19175
CONT # GCEU 4253337
CITY

32.89 ton 67

DATE: 20
TIME OUT:
DATE: 8/20/20
TIME IN: 8:15

Travis

CUSTOMER # MT. Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 04 283195

104640	GROSS	
	TARE	
78160	NET	

ACCT # 690468 JOB # MC 19145
CONT # TOLU4776396
CITY

33.39 ton 67

DATE: 8/20 20 20
TIME OUT:
DATE: 8-20-20
TIME IN: 9:30

USTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

TRAVIS

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 18 283216

105,520

	GROSS	ACCT # 690468	JOB # 19175 MC	DATE:	8-20-20 20
	TARE	CONT # ~~RE~~ GGEU 430885		TIME OUT:	7:26
37360	NET 68,160	CITY		DATE:	3:38
	34.08 tons	~~68.68~~ 67.		TIME IN:	

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Andy

CUSTOMER COPY

RE
18
283206

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK #

107940

	GROSS	ACCT # 690468	JOB # 19175 MC	DATE:	8-20-20 20
	TARE	CONT # TGLU 459051		TIME OUT:	1:08
37760	NET 70,180	CITY		DATE:	8/20/20
	35.09 tons	67		TIME IN:	2:07

CUSTOMER # MT Baker ~~18.88~~

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Andy

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 18 283976

105,080 GROSS
38340 TARE
NET 66,740
33.37 tons

ACCT # 680468 JOB # MC 19175
CONT # GCEU 425648
CITY
~~19.17~~ 64

DATE: 8.20 20 20
TIME OUT: 11:55
DATE: 8.20.20
TIME IN: 12:57

CUSTOMER # MT Baker 18.84

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

A1A1

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 18 RB 283202

118380 GROSS
37420 TARE
NET 80,960
40.48 tons

ACCT # 690468 JOB # MC 19175
CONT # TCLU 468379
CITY
~~18.77~~ 67

DATE: 8-20 20 20
TIME OUT: 10:40
DATE: 8-20-20
TIME IN: 11:44

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 18 283198

104900

	GROSS	ACCT # 690468 JOB # mc 19175
39000	TARE	CONT # TOCU 456074
	NET 65,900	CITY
	32.95 tons	67

DATE: 8 20 20 20
TIME OUT: 9:24
DATE: 8/20/20
TIME IN: 10:25
Andy

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 18 RB 283194

15900

	GROSS	ACCT # 690468 JOB # mc 19175
7500	TARE	CONT # GCEU 440046
	NET 68,420	CITY
	34.21 tons	67

DATE: 8/20 20 20
TIME OUT:
DATE: 8/20/20
TIME IN: 9:12
Andy

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

ACK RIVER - 4559
1 MONSTER ROAD SW
NTON, WA 98057

TRUCK # 18 River E. 283189

2440 | GROSS
.000 | TARE
NET 62,440
31.22 tons

ACCT # 6904168 JOB # MC 19175
CONT # TRLU 902911
CITY
67

DATE: _____ 20 _____
TIME OUT:
DATE: 8/20/20
TIME IN: 8:07

Andy

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 283985

104,560	GROSS	
39120	TARE	
	NET	32.72 tons

ACCT # 690468 JOB # MC 19175
CONT # RBSU 200428
CITY

DATE: 8.21 20 20
TIME OUT: 1:26
DATE: 8.21.20
TIME IN: 2:22

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Jeff

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 11 283292

111180 GROSS
40680 TARE
NET 70,500

ACCT # 690468 JOB # MC 19175
CONT # AMIU8245
CITY
67

DATE: 8/24 20 20
TIME OUT:
DATE: 8/24/20
TIME IN: 931am

Pat

35.25

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 293081

113180 GROSS
38120 TARE
NET 75,060

ACCT # 690468 JOB # MC 19175
CONT # GCCU 432093
CITY
67

DATE: 8/24 20 20
TIME OUT
DATE: 8/24/20
TIME IN 1037am

Pat 37.53

DISPOSAL RECEIPT

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 293082

DISPOSAL RECEIPT

97660	GROSS
38400	TARE
	NET
59,260	

ACCT # 690468 JOB # MC 19175 DATE: 8/24 20 20

CONT # GCGU4353285

CITY

TIME OUT

DATE: 8/24/20

TIME IN 1135am

67

Pat

29.63

CUSTOMER # RABOO BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 293090

DISPOSAL RECEIPT

95000	GROSS
39660	TARE
	NET
55340	

ACCT # 690468 JOB # MC 19175 DATE: 8-24 20 20

CONT # AWJU8014

CITY

TIME OUT

DATE: 8/24/20

TIME IN 1242pm

67

Pat

27.67

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 11 283310

93880 GROSS
38860 TARE
55,020 NET

ACCT # 690468 JOB # MC 19175
CONT # TOLU 458237
CITY

27.51 67

DATE: 20
TIME OUT:
DATE: 8/24/20
TIME IN: 2:07

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 8 283256

106680 GROSS
TARE
39300 NET
67,380

ACCT # 690468 JOB # mc 19175
CONT # RSBU200332
CITY

DATE: 8/21 20 20
TIME OUT:
DATE: 8/24/20
TIME IN: 8:11

23.69
67

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

Rivers Edge

TRUCK # 283996

100260	GROSS	
	TARE	
37,560	NET	
		31.35

ACCT # 690468 JOB # MC 19175
CONT # TCLU4530274
CITY

DATE: 8-25 20 20
TIME OUT: 1:26
DATE: 8/25/20
TIME IN: 2:23

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Andy

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

Rivers Edge

TRUCK # 283993

97740	GROSS	
	TARE	
38140	NET	
		20.80

ACCT # 690468 JOB # MC 19175
CONT # TCLU4586/3
CITY 67

DATE: 8.25 20 20
TIME OUT: 11:48
DATE: 8.25.20
TIME IN: 1:16

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Andy

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # RE. 18 283329

98340 GROSS
39,980 TARE
NET
29.18

ACCT # 640468 JOB # MC 19175
CONT # RBSU 200185
CITY 67

DATE: 8-25 20 20
TIME OUT: 10:10
DATE: 8/25/20
TIME IN: 11:18

CUSTOMER # MT BAKER

Andy

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # River Edge 283328

88840 GROSS
38900 TARE
NET
24.97

ACCT # 640468 JOB # MC 19175
CONT # RBSU 200437
CITY 67

DATE: 8/25 20 20
TIME OUT:
DATE: 8/25/20
TIME IN: 9:55

CUSTOMER # MT Baker Housing

Andy

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

LACK RIVER - 4559
01 MONSTER ROAD SW
ENTON, WA 98057

RE

TRUCK # 283979

93900	GROSS	
38860	TARE	
	NET	27.52

MC

ACCT # 680468 JOB # 19175

CONT # GCEU4307732

CITY

67

DATE: 8.20 20 20

TIME OUT: 3:42

DATE: 8/25/20

TIME IN: 8:24

ISTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

ANOY

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RIVERS EDGE 285494

DISPOSAL RECEIPT

86180	GROSS
37900	TARE
	NET

ACCT # 690468 JOB # 19175 MC

CONT # GCGU 440256

CITY

DATE: 8/17 20 20

TIME OUT

DATE: 08/17/20

TIME IN 10:54

67

Cindy 29.14

CUSTOMER # MT. BAKER HOUSING AUTHORITY

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285801

DISPOSAL RECEIPT

95760 GROSS
37840 TARE
NET

ACCT # 690468 JOB # MC 9175

CONT # GCEU 431372

CITY

DATE: 8/17/20

TIME OUT

DATE: 8/18/20

TIME IN 741 am

Cindy 67

28.94

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285807

MC

115100 GROSS
38780 TARE
NET

ACCT # 690468 JOB # 19175
CONT # TOLU453219
CITY

DATE: 8/18 20 20

TIME OUT
DATE: 8/18/20
TIME IN 924 am

Andy

38.16

67

CUSTOMER # MT. BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285803

MC

102880 GROSS
37900 TARE
NET

ACCT # 690468 JOB # 19175
CONT # GCEU 426947
CITY

DATE: 8/18 20 20

TIME OUT
DATE: 8/18/20
TIME IN 833 am

67

Andy

32.49

CUSTOMER # MT. BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285811

DISPOSAL RECEIPT

110360	GROSS
37140	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU 458298

CITY

DATE: 8/18 20 20

TIME OUT 11:02

DATE: 8/18/20

TIME IN 1140am

67

0 Andy

36.14

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285808

DISPOSAL RECEIPT

97540	GROSS
37180	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TCEU4320625

CITY

DATE: 8/18 20 20

TIME OUT

DATE: 8/18/20

TIME IN 1045am

67

Andy

20.18

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285817

DISPOSAL RECEIPT

101980	GROSS
40800	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # RBSU 200310

CITY

67

DATE: 5-18 20 20

TIME OUT

DATE: 8-18-20

TIME IN 1:41

30.59

Andy

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 285813

DISPOSAL RECEIPT

101680	GROSS
38240	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU435435

CITY

67

DATE: 8/18 20 20

TIME OUT 11:54

DATE: 8-18-20

TIME IN ~~11:54~~ 12:50

Andy

31.72

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 08 283254

107,780

	GROSS	ACCT # 690468 JOB # 19175 (MC)
	TARE	CONT # TOLU459425
38660	NET 69,120	CITY
	34.56	67

~~19.98~~

DATE: 8/21 20 20
TIME OUT:
DATE: 8.21.20
TIME IN: 12:21

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Jeff

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 08 283217

10380	GROSS	ACCT # 690468 JOB # 19175 (MC)
	TARE	CONT # TOLU469190
37880	NET 72500	CITY
	36.25 tons	67

~~18.94~~

DATE: 8.20 20 20
TIME OUT: 7:38
DATE: 8/21/20
TIME IN: 8:40

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

~~Jeff~~ MATT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 11-08 283251

104920

GROSS

ACCT # 69468 JOB # MC 1975

TARE

CONT # TRL4900884

37300

NET 67,600 CITY

DATE: 8-21 20 20

TIME OUT: 9:45

DATE: 8-24-20

TIME IN: 10:53

BB.8 tons

~~18.846~~ 67

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 11 283311

99040 GROSS
41160 TARE
57,880 NET

ACCT # 690468 JOB # MC 19175
CONT # AWIU 200011
CITY 67

DATE: 8/24 20 20
TIME OUT:
DATE: 8/25/20
TIME IN: 8:07

28.94

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 11 283325

94140 GROSS
39100 TARE
55,040 NET

ACCT # 690468 JOB # MC 19175
CONT # RBSU200407
CITY 67

DATE: 8/25 20 20
TIME OUT:
DATE: 8/25/20
TIME IN: 9:48

27.52

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

New

TRUCK # 11 283331

78540	GROSS	
	TARE	
40440	NET	
58,100		

ACCT # 690468 JOB # mc 19175
CONT # RBSU 200198
CITY
29,05
67
MT Baker

DATE: 8.25 20 20
TIME OUT: 10:29
DATE: 8/25/20
TIME IN: 11:11
Put

CUSTOMER # NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

Newhall
Dias
283335

TRUCK #

97600	GROSS	
	TARE	
39,100	NET	
58,500		

ACCT # 690468 JOB # mc 19175
CONT # RBSU 200367
CITY
29.85
67
mt Baker

DATE: 8/25 20 20
TIME OUT: 11:45
DATE: 8/25/20
TIME IN: 12:35

CUSTOMER # NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

Newhall

TRUCK # 11 283995

105740
37240
68,500

GROSS
TARE
NET

ACCT # 690468 JOB # [redacted] MC 19175

CONT # TCLU4667739

CITY

DATE: 8.25 20 20

TIME OUT: 12:51

DATE: 8/25/20

TIME IN: 1:47

84.25

67

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 283367

102700 GROSS
TARE
39800 NET
62,900

ACCT # 690468 JOB # MC 19775
CONT # AWIU 8045
CITY 67
31.45

DATE: 8.26 20 20
TIME OUT: 12:40
DATE: 8/26/20
TIME IN: 2:03

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # NEWELL 283370

95260 GROSS
TARE
38760 NET
56,500

ACCT # 690468 JOB # MC 19775
CONT # UPCU4115116
CITY 67
28.25

DATE: 8/26 20 20
TIME OUT:
DATE: 8.26.20
TIME IN: 3:09

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 11 283339

91440	GROSS
37500	TARE
58.940	NET

ACCT # 610468 JOB # MC 19175
CONT # GCEU4490196
CITY
29.47 67

DATE: 8-25 20 20
TIME OUT: 2:05
DATE: 8/26/20.
TIME IN: 8:26

CUSTOMER # MT BAKER Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 283357

102,060	GROSS
37480	TARE
64,580	NET

ACCT # 610468 JOB # MC 19175
CONT # TRLU200450
CITY
32.29 67

DATE: 8/26 20 20
TIME OUT:
DATE: 8-26-20
TIME IN: 10:01

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 283999

99760	GROSS
37600	TARE
62,160	NET

ACCT # 690468 JOB # MC 19175
CONT # TCLU4246625
CITY _____
31.08 67

DATE: 8-26 20 20
TIME OUT: 10:18
DATE: 8.26.20
TIME IN: 11:13

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 284002

102,660	GROSS
39500	TARE
63,140	NET

ACCT # 690468 JOB # MC 19175
CONT # AWIU8428
CITY _____
31.57 67

DATE: 8.26 20 20
TIME OUT: 11:31
DATE: 8-26-20
TIME IN: 12:27

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
PAT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 RE 293400

DISPOSAL RECEIPT

107800 GROSS
39460 TARE
NET

MC
ACCT # 690468 JOB # 19175
CONT # GRCU4266622
CITY

DATE: 8/27/20
TIME OUT
DATE: 8/27/20
TIME IN 1220PM

Cindy 67

34.17

MT BAKER HOUSING

CUSTOMER #

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # RE 11 293399

DISPOSAL RECEIPT

103540 GROSS
39680 TARE
NET

MC
ACCT # 690468 JOB # 19175
CONT # AWIU8283
CITY

DATE: 20
TIME OUT
DATE: 8/27/20
TIME IN 1122am

67

Cindy 31.93

MT BAKER

CUSTOMER #

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # RE - 11 283385

103180	GROSS
	TARE
39680	NET

ACCT # 690468 JOB # MC 19175
CONT # AWIU 8498
CITY

31.75 67

DATE: _____ 20 _____
TIME OUT:
DATE: 8/27/20
TIME IN: 10:21

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Andy

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # RE - 11 283373

72560	GROSS
	TARE
39600	NET

ACCT # 690468 JOB # MC 19175
CONT # AWIU 8144
CITY

26.45 67

DATE: 8/27 20 20
TIME OUT:
DATE: 8/27/20
TIME IN: 8:58

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Andy

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # RE 11 283340

38140 GROSS -
TARE
37300 NET

ACCT # 690468 JOB # MC 19175
CONT # TOLU452043
CITY
25.39
67

DATE: 8/25 20 20
TIME OUT:
DATE: 8/27/20
TIME IN: 7:39

CUSTOMER # MT Baker.

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 NOWELL BROS 293161

DISPOSAL RECEIPT

94020 GROSS
38620 TARE
55,400 NET

ACCT # 690468 JOB # MC 19175
CONT # UPCU 411425
CITY

DATE: 20
TIME OUT
DATE: 9/4/20
TIME IN 751am

67

Pat

27.7

MT. BAKER HOUSING AUTHORITY

CUSTOMER #

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 NOWELL BROS 293162

DISPOSAL RECEIPT

102620 GROSS
37780 TARE
64,840 NET

ACCT # 690468 JOB # MC 19175
CONT # GCEU 430812
CITY

DATE: 9/4 20 20
TIME OUT
DATE: 9/4/20
TIME IN 842am

67

Pat

32.42

MT BAKER HOUSING AUTHORITY

CUSTOMER #

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newall Bros 293167

DISPOSAL RECEIPT

98080	GROSS
37820	TARE
60260	NET

ACCT # 690468 JOB # MC 19175 DATE: 9/4 20 20

CONT # TDLU4590 68

TIME OUT

CITY Pat 67

DATE: 9/4/20

TIME IN 933am

30.13

MT BAKER HOUSING AUTHORITY

CUSTOMER #

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

7

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newall Bros 293171 9:46

DISPOSAL RECEIPT

96320	GROSS
37910	TARE
58410	NET

ACCT # 690468 JOB # MC 19175 DATE: 20

CONT # GCEU4314 53

TIME OUT

CITY Pat 67

DATE: 9-4-20

TIME IN 10:29

27.68

MT BAKER HOUSING AUTHORITY

CUSTOMER #

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell Beds 293175

DISPOSAL RECEIPT

99680	GROSS
38000	TARE
61,660	NET

ACCT # 690468 JOB # MC 19175

CONT # TRLU900955

CITY

DATE: 20

TIME OUT

DATE: 9-4-20

TIME IN 11:16

67

30.83

Pat

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell Beds 293177

DISPOSAL RECEIPT

101180	GROSS
39140	TARE
62,040	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU4609490

CITY

DATE: 9-4 20 20

TIME OUT

DATE: 09/04/20

TIME IN 12:07

67

31.02

Pat

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell Bros 293181
MC

DISPOSAL RECEIPT

111340	GROSS
37920	TARE
73,440	NET

ACCT # 690468 JOB # 1975
CONT # GCEU 435690
CITY
67
pat

DATE: _____ 20___
TIME OUT _____
DATE: 09/04/20
TIME IN 12:53

36.72

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell Bros 293184
MC

DISPOSAL RECEIPT

97740	GROSS
39400	TARE
58,340	NET

ACCT # 690468 JOB # 1975
CONT # GCEU 431710
CITY
67
pat

DATE: 9-4- 20 20 20
TIME OUT _____
DATE: 9-4- 20
TIME IN 1:43

29.17

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 293185

DISPOSAL RECEIPT

95960	GROSS
39320	TARE
	NET
28.32	TONS

MC
ACCT # 690468 JOB # 19175
CONT # GCEU4216813
CITY
67

DATE: 9-4 20 20
TIME OUT
DATE: 9-4-20
TIME IN 2:06

Dave

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 293183

DISPOSAL RECEIPT

103780	GROSS
39500	TARE
	NET
32.14	TONS

MC
ACCT # 690468 JOB # 19175
CONT # GCEU4216548
CITY
67

DATE: 9/4 20 20
TIME OUT
DATE: 9-4-20
TIME IN 1:21

Dave

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 293178

DISPOSAL RECEIPT

97960 GROSS
40020 TARE
NET
28.97 TONS

ACCT # 690468 JOB # MC 19175
CONT # TTHU 252353
CITY
67

DATE: 9-4 20 20
TIME OUT
DATE: 09/04/20
TIME IN 12:32

Dave

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 293176

DISPOSAL RECEIPT

97560 GROSS
38140 TARE
NET
29.71 TONS

ACCT # 690468 JOB # MC 19175
CONT # TRLU 901855
CITY
67

DATE: 9-4- 20 20
TIME OUT
DATE: 9-4-20
TIME IN 11:38

Dave

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 293174

DISPOSAL RECEIPT

103560	GROSS
38080	TARE
	NET
32.77	TONS

ACCT # 690468 JOB # MC 19175

CONT # TOLU4594438

CITY

67

DATE: _____ 20__

TIME OUT

DATE: 9-4-20

TIME IN 10:54

DAVE

CUSTOMER # MT. BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # ~~12 RE~~ 12RE 293169

DISPOSAL RECEIPT

100580	GROSS
	TARE
38600	NET
30.99	TONS

ACCT # 690468 JOB # MC 19175

CONT # GCEU4451286

CITY

Dave 67

DATE: 9/4 20 20

TIME OUT

DATE: 9-4-20

TIME IN 10:10

MT BAKER HOUSING

CUSTOMER # _____

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 293165

DISPOSAL RECEIPT

99100	GROSS
38820	TARE
	NET
30.12	TONS

MC
ACCT # 690468 JOB # 19175
CONT # TRLU4597498
CITY
Dave 67

DATE: 9/4 20 20
TIME OUT
DATE: 9/4/20
TIME IN 918am

MT BAKER HOUSING
CUSTOMER #

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 293160

DISPOSAL RECEIPT

98000	GROSS
38280	TARE
	NET
29.86	TONS

MC
ACCT # 690468 JOB # 19175
CONT # GCGU4306669
CITY
Pat/Dave 67

DATE: 9/4 20 20
TIME OUT
DATE: 9/4/20
TIME IN 838am

MT BAKER HOUSING
CUSTOMER #

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 RE / 12 RE 293402

97580
38640 | GROSS
TARE
NET
29.44 | TONS

ACCT # 690468 JOB # MC 19175

CONT # TOLU4660526

CITY 67

DATE: 08/27/20

TIME OUT

DATE: 9/4/20

TIME IN 736am

Stanley / Dave

MT BAKER HOUSING

CUSTOMER #

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293232

DISPOSAL RECEIPT

93280	GROSS
37500	TARE
	NET

ACCT # 690468 JOB # MC 19175 DATE: 9/8 20 20

CONT # GCEU 432045 TIME OUT 11:01

CITY DATE: 9/8/20

Andy 67 TIME IN 1155 am

27.89

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293225

DISPOSAL RECEIPT

93280	GROSS
37800	TARE
	NET

ACCT # 690468 JOB # MC 19175 DATE: 9/8 20 20

CONT # TOLU 455191 TIME OUT 923 am

CITY DATE: 9/8/20

Andy 67 TIME IN 953 am

27.74

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293229

DISPOSAL RECEIPT

88640 GROSS
38300 TARE
NET

ACCT # 690468 JOB # MC 19175 DATE: 9/8 20 20

CONT # EGTU 420523 TIME OUT 842am

CITY DATE: 9/8/20

Andy 67 TIME IN 913am

25.17

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293227

DISPOSAL RECEIPT

103440 GROSS
38640 TARE
NET

ACCT # 690468 JOB # MC 19175 DATE: 9/8 20 20

CONT # GLDU 445042 TIME OUT 802am

CITY DATE: 9/8/20

Andy 67 TIME IN 834am

31.90

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE, 118 RE 293187

DISPOSAL RECEIPT

104140	GROSS
38860	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU4255249

CITY Cindy 67

DATE: 9-4 20 20

TIME OUT

DATE: 9/8/20

TIME IN 740 am

32.64

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell Bros 293186

DISPOSAL RECEIPT

109980	GROSS
37880	TARE
72,100	NET

36.05

ACCT # 690468 JOB # 19175 mc

CONT # GCEU4300018

CITY Pat 67

DATE: _____ 20___

TIME OUT _____

DATE: 9/8/20

TIME IN 758am

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 NB 293739

DISPOSAL RECEIPT

95280	GROSS
39580	TARE
55,700	NET

27.85

ACCT # 690468 JOB # 19175 mc

CONT # RBSU2010220

CITY Pat 67

DATE: 918 20 20

TIME OUT 815am

DATE: 9/8/20

TIME IN 849am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 NB 293741

DISPOSAL RECEIPT

94620	GROSS
39520	TARE
55,100	NET

ACCT # 690468 JOB # MC 19175

CONT # RBSU200339

CITY

DATE: 9/8 20 20

TIME OUT 9 am

DATE: 9/8/20

TIME IN 933am

Pat 67

2755

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 NB 293233

DISPOSAL RECEIPT

99700	GROSS
38160	TARE
61,540	NET

ACCT # 690468 JOB # MC 19175

CONT # TRLU900884

CITY

DATE: 9/8 20 20

TIME OUT 947am

DATE: 9/8/20

TIME IN 1033am

Pat 67

30.77

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 NB 293235

DISPOSAL RECEIPT

94800	GROSS
39440	TARE
55,360	NET

ACCT # 690468 JOB # MC 19175

CONT # RBSU200223

CITY

DATE: 9/8 20 20

TIME OUT

DATE: 9-8-20

TIME IN 12:08

Pat 67

27.68

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 NB 293241

DISPOSAL RECEIPT

105400	GROSS
39380	TARE
66,020	NET

ACCT # 690468 JOB # MC 19175

CONT # HCEU4321163

CITY

DATE: 9-8- 20 20

TIME OUT

DATE: 9-8-20

TIME IN 1:03

67

Pat

33.01

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 NB 293243

DISPOSAL RECEIPT

98460	GROSS
39960	TARE
58,500	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU422718

CITY 67

DATE: 20

TIME OUT

DATE: 9-8-20

TIME IN 1:50

Pat

29.25

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 NB 293244

DISPOSAL RECEIPT

103700	GROSS
38440	TARE
64,960	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU430566

CITY 67

DATE: 20

TIME OUT 2:01

DATE: 9-8-2020

TIME IN 2:40

PAT

32.48

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 18 RIVER E. 283636

98,880	GROSS	
37620	TARE	
	NET	
	30.63	

ACCT # 6904168 JOB # MC 19175
CONT # BCEU 4256190
CITY
67

DATE: _____ 20 _____
TIME OUT: _____
DATE: 9/14/20
TIME IN: 8:04

Andy

CUSTOMER # MT. Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE MC 293592

100060	GROSS	
37620	TARE	
	NET	

ACCT # 6904168 JOB # 19175
CONT # TDLU 4599400
CITY
67

DATE: 9-11-2020
TIME OUT 3:43
DATE: 09/14/20
TIME IN 7:23

31.28

Andy

DISPOSAL RECEIPT

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293590

DISPOSAL RECEIPT

98680 GROSS
37220 TARE
NET

30.73

ACCT # 690468 JOB # 1975
CONT # GCEU 430669
CITY
67

DATE: 20
TIME OUT 1:50
DATE: 09/11/20
TIME IN 2:24

Andy

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293589

DISPOSAL RECEIPT

96100 GROSS
39380 TARE
NET

28.34

ACCT # 690468 JOB # 1975
CONT # GCEU 431710
CITY
67

DATE: 20
TIME OUT
DATE: 09/11/20
TIME IN 1:25

Andy

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293585

DISPOSAL RECEIPT

97240	GROSS
37400	TARE
	NET

27.42

ACCT # 690468 JOB # MC 19175

CONT # GCEU3554S

CITY

67

DATE: 9/11/20

TIME OUT

DATE: 09/11/20

TIME IN 12:22

Andy

CUSTOMER COPY

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293580

DISPOSAL RECEIPT

94880	GROSS
37560	TARE
	NET

28.66

ACCT # 690468 JOB # MC 19175

CONT # TDLU453003

CITY

67

DATE: 9-11

TIME OUT 10:37

DATE: 9-11-20

TIME IN 11:13

Andy

CUSTOMER COPY

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293578

DISPOSAL RECEIPT

92740 GROSS
38060 TARE
NET

ACCT # 690468 JOB # MC 19175
CONT # GCEU4321168
CITY 67

DATE: 9/11 20 20
TIME OUT
DATE: 9/11/2020
TIME IN 10:27

Andy

27.34

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293577

DISPOSAL RECEIPT

103780 GROSS
37500 TARE
NET

ACCT # 690468 JOB # MC 19175
CONT # GCEU4308812
CITY 67

DATE: 9/11 20 20
TIME OUT
DATE: 9/11/20
TIME IN 940am

Andy

33.14

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293576

93880	GROSS
38740	TARE
	NET

ACCT # 690468 JOB # MC 19175
CONT # GCEU 426548
CITY
Andy 67

DATE: 9/11 20 20
TIME OUT
DATE: 9/11/20
TIME IN 854am

27.27

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293574

95580	GROSS
37640	TARE
	NET

ACCT # 690468 JOB # MC 19175
CONT # TRLU 901855
CITY
Andy 67

DATE: 9/11 20 20
TIME OUT
DATE: 9/11/20
TIME IN 811am

28.97

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293239

MC

95420	GROSS
39080	TARE
	NET

ACCT # 690468 JOB # 19175

CONT # TOLU4560 74

CITY

67

DATE: 9/8 20 20

TIME OUT

DATE: 9/11/20

TIME IN 730am

Andy

2617

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 18 284185

78880 GROSS
TARE
39560 NET
29.66

ACCT # 690468 JOB # MC 19175
CONT # [redacted] AWIU8190
CITY

DATE: 9.14 20 20
TIME OUT: 9:25
DATE: 9/14/20
TIME IN: 10:15

CUSTOMER # Rivers Edge / MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Brady

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 18 RIVER EDGE 284163

98980 GROSS
TARE
37760 NET
30.61

ACCT # 690468 JOB # MC 19175
CONT # TCLU4526445
CITY

67

DATE: 9/15 20 20
TIME OUT:
DATE: 9/15/20
TIME IN: 9:06

CUSTOMER # MT. Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Andy

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

River Edge · 284179

TRUCK # 18

105740	GROSS
39800	TARE
65910	NET
	32.955

ACCT # 610468 JOB # 19175 MC
CONT # TRLU 9004025
CITY
67

DATE: 20
TIME OUT:
DATE: 9/14/20
TIME IN: 2:43

CUSTOMER # Mt Baker

Andy

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

River Edge 18 284175

TRUCK #

101260	GROSS
39800	TARE
61460	NET
	30.73

ACCT # 610468 JOB # 19175 MC
CONT # AWIU8498
CITY
67

DATE: 9-14 20 20
TIME OUT: 12:32
DATE: 9/14/20
TIME IN: 130

CUSTOMER # MT Baker

Andy

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # D9 II NB 293245

DISPOSAL RECEIPT

100200	GROSS
39420	TARE
60,780	NET

ACCT # 690468 JOB # MC 19175

CONT # RISU2600319

CITY

DATE: 9-8-20

TIME OUT 2:56

DATE: 09/14/20

TIME IN 7:40

67

30.39

Pat

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 016 283638

98800	GROSS
38620	TARE
60,180	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU694490

CITY

DATE: 20

TIME OUT:

DATE: 9/14/20

TIME IN: 8:29

67

30.09

Pat

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 026 284166

101800	GROSS
39660	TARE
62,140	NET
	31.07

ACCT # 690468 JOB # MC19175 (tbr)
CONT # AWU 80045
CITY
67

DATE: 9/14 20 20
TIME OUT:
DATE: 9/14/20
TIME IN: 9:36

Pat

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 026 284168

102680	GROSS
41260	TARE
61,420	NET
	30.71

ACCT # 690468 JOB # MC 19175
CONT # AWU 200010
CITY

DATE: 9/14 20 20
TIME OUT:
DATE: 9/14/20
TIME IN: 10:48

Pat.

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 06 284172

101800 GROSS
39700 TARE
61,660 NET
30.83

ACCT # 690468 JOB # MC 19175
CONT # AWIU8360
CITY
67

DATE: 9-14 20 20
TIME OUT: 11:13
DATE: 9/15/20
TIME IN: 12:04

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 02e 284174

102300 GROSS
38960 TARE
63,340 NET
31.67

ACCT # 690468 JOB # MC 19175
CONT # RSBU 200268
CITY
67

DATE: 9/14 20 20
TIME OUT:
DATE: 9/14/20
TIME IN: 1:23

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Rivers Edge 284200

100240	GROSS
37520	TARE
	NET
	31.36

ACCT # 690468 JOB # MC 19175
CONT # #GCEU4259778
CITY 67

DATE: 9-15 20 20
TIME OUT: 2:10
DATE: 9/15/20
TIME IN: 3:00

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
ANDY

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Rivers Edge 06 283658

94320	GROSS
38920	TARE
	NET
	30.20

ACCT # 690468 JOB # MC 19175
CONT # GCEU4355435
CITY 67

DATE: 9-15 20 20
TIME OUT: 1:13
DATE: 9/15/20
TIME IN: 1:58

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
Andy

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Rivers Edge 06 284197

99640	GROSS
	TARE
38,020	NET
	30.08

ACCT # _____ JOB # _____
CONT # GCEU4400046
CITY _____

DATE: 9.15 20 20
TIME OUT: 12:10
DATE: 9-15-20
TIME IN: 1:01

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Adam

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Rivers Edge 1 283694

98980	GROSS
	TARE
37,620	NET
	30.08

ACCT # 690468 JOB # MC 19175
CONT # TRLU901215
CITY _____ 67

DATE: _____ 20 _____
TIME OUT: _____
DATE: 9.15.20
TIME IN: 11:57

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293620

DISPOSAL RECEIPT

99380	GROSS
38700	TARE
	NET
	30.34

ACCT # 690468 JOB # MC 19175

CONT # GCEU 432143

CITY

67

DATE: 9.15 20 20

TIME OUT

DATE: 9-15-20

TIME IN 10:56

Andy

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293617

DISPOSAL RECEIPT

92780	GROSS
38340	TARE
	NET
	27.95

ACCT # 690468 JOB # MC 19175

CONT # TDLU 452449

CITY

67

DATE: 20

TIME OUT

DATE: 09/15/20

TIME IN 9:45

Andy

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293480

mc

95160 GROSS
TARE
58280 NET
28.62

ACCT # 690468 JOB # 19175
CONT # GCEU 431342
CITY
67

DATE: 20
TIME OUT
DATE: 09/15/20
TIME IN 9:52

Andy

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293479

mc

100860 GROSS
TARE
38620 NET
31.12

ACCT # 690468 JOB # 19175
CONT # TRLU 901016
CITY
69

DATE: 20
TIME OUT
DATE: 09/15/20
TIME IN 7:35

Andy

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # D6 293481

mc

97480	GROSS
	TARE
38280	NET
59,200	

29.60

ACCT # 190468 JOB # 9175

CONT # AWIU8144

CITY

67

DATE: 20

TIME OUT

DATE: 09/15/20

TIME IN 8:17

pat

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # D6 293482

mc

94680	GROSS
	TARE
40700	NET
53,980	

26.99

ACCT # 190468 JOB # 19175

CONT # GCSU4327178

CITY

67

DATE: 20

TIME OUT

DATE: 09/15/20

TIME IN 9:15

pat

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 06 293619

MC

DISPOSAL RECEIPT

93280	GROSS
	TARE
39540	NET
53,740	

26.87

ACCT # 690468 JOB # 19175

CONT # RBSU200378

CITY

67

DATE: 20

TIME OUT

DATE: 9-15-20

TIME IN 10:23

PAT

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

06

TRUCK # Newell 283655

90,220	GROSS
	TARE
39800	NET
50,420	

25.21

ACCT # 690468 JOB # MC 191745

CONT # [redacted] TOLU459507

CITY

67

DATE: 20

TIME OUT:

DATE: 9-15-20

TIME IN: 11:23

CUSTOMER # Mt Baker

PAT

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 06 284194

101360	GROSS	
	TARE	
37,840	NET	
63,520		31.76

ACCT # 690468 JOB # MC 19175
CONT # GCEU 4/35337
CITY 67

DATE: 9.15 20 20
TIME OUT: 11:55
DATE: 9/15/20
TIME IN: 12:43

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 06 283656

93,600

	GROSS	
38,520	TARE	
	NET	
55,080		27.54

ACCT # 690468 JOB # MC19175
CONT # ECTU4203911
CITY 67

DATE: 9-15 20 20
TIME OUT: 12:53
DATE: 9-15-20
TIME IN: 1:49

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

Newell 06
283661
TRUCK # _____

103160	GROSS
37,960	TARE
65,200	NET

32.6

ACCT # 6904468 JOB # MC 19175
CONT # TCLU 459437
CITY _____ 67

DATE: 9/15 20 20
TIME OUT: 2:02
DATE: 9/15/20
TIME IN: 2:51

CUSTOMER # M7 Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # RIVER E 18 283685

99840 GROSS
38240 TARE
NET 30.8

ACCT # 690468 JOB # MC 19175
CONT # RBSU 200210
CITY 67

DATE: 20
TIME OUT:
DATE: 9/16/20
TIME IN: 2:33

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Andy

CUSTOMER COPY

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18RE 293762

89940 GROSS
39120 TARE
NET 25.41

ACCT # 690468 JOB # MC 19175
CONT # RBSU 200422
CITY 67

DATE: 20
TIME OUT
DATE: 9-16-20
TIME IN 1:40

Andy

USTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 12:16 293760

DISPOSAL RECEIPT

92840	GROSS
39060	TARE
	NET

26.89

ACCT # 690468 JOB # MC 19175

CONT # RBSU 200323

CITY

67

DATE: 9-16 20 20

TIME OUT

DATE: 9-16-20

TIME IN 12:49

Andy

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293758

DISPOSAL RECEIPT

94160	GROSS
	TARE
39580	NET

27.29

ACCT # 690468 JOB # MC 19175

CONT # RBSU 200103

CITY

67

DATE: 20

TIME OUT

DATE: 9-16-20

TIME IN 12:07

Andy

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 10:37 293754

97500	GROSS
	TARE
38180	NET

29.66

MC

ACCT # 690468 JOB # 19175

CONT # ACEU426451

CITY

67

DATE: _____ 20__

TIME OUT

DATE: 9-16-20

TIME IN 11:13

Andy

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 9:29 293511

95940	GROSS
	TARE
38160	NET

28.89

MC

ACCT # 690468 JOB # 19175

CONT # TCLU 468350

CITY

67

DATE: _____ 20__

TIME OUT

DATE: 9-16-20

TIME IN 10:05

andy

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

8:36

TRUCK # 18RE 293508

MC

99200	GROSS
	TARE
39620	NET

29.29

ACCT # 690468 JOB # 9175

CONT # GCEU4355F5

CITY

67

DATE: _____ 20__

TIME OUT

DATE: 09/16/20

TIME IN 9:09

Andy

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

7:4

TRUCK # 18 RE 293621

MC

95160	GROSS
	TARE
38080	NET

28.54

ACCT # 690468 JOB # 9175

CONT # TOLU458697

CITY

67

DATE: _____ 20__

TIME OUT

DATE: 09/16/20

TIME IN 8:22

Andy

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 293505

mc

108620	GROSS
38440	TARE
	NET

ACCT # 190468 JOB # 19175

CONT # TDLU 457824

CITY

67

DATE: 20

TIME OUT

DATE: 09/16/20

TIME IN 7:28

32.09

Andy

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 6 WB 293506

DISPOSAL RECEIPT

99540	GROSS
	TARE
38440	NET
61,100	

30.5

MC

ACCT # 690468 JOB # 19175

CONT # TRLU9002163

CITY

67

DATE: 20

TIME OUT

DATE: 09/16/20

TIME IN 7:37

pat

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

7:56

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 6 WB 293507

DISPOSAL RECEIPT

101380	GROSS
	TARE
38100	NET
63,220	

31.4

MC

ACCT # 690468 JOB # 19175

CONT # TOLU4466843

CITY

67

DATE: 20

TIME OUT

DATE: 09/16/20

TIME IN 8:35

pat

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 06 NB 293509

MC

101 02	GROSS
40540	TARE
	NET

ACCT # 690468 JOB # 1975

CONT # GCEU435209

CITY

67

DATE: 20

TIME OUT

DATE: 09/16/20

TIME IN 9:32

30.24

pat

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 06 NB 293751

MC

95340	GROSS
	TARE
37740	NET
57,600	

ACCT # 690468 JOB # 9175

CONT # TOLU453397

CITY

67

DATE: 9 20

TIME OUT

DATE: 9-16-20

TIME IN 10:30

28.8

Pat

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 6-NB 10:42 293756

DISPOSAL RECEIPT

101240	GROSS
39540	TARE
61,700	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU4253375

CITY

67

DATE: 9-16 20 20

TIME OUT

DATE: 9-16-20

TIME IN 11:29

30.85

Pat

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 6-NB 293759

DISPOSAL RECEIPT

97760	GROSS
40900	TARE
56,860	NET

ACCT # 690468 JOB # MC 19175

CONT # RBAU2004417

CITY

67

DATE: 20

TIME OUT

DATE: 9-16-20

TIME IN 12:36

28.43

Pat

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 6-NB 12:37 293761

DISPOSAL RECEIPT

95100	GROSS
	TARE
39420	NET
55,680	

27.84

ACCT # 690468 JOB # 19175 MC

CONT # RBSU2002412

CITY 67

DATE: _____ 20__

TIME OUT _____

DATE: 9-16-20

TIME IN 1:17

Pat

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 6-NB 293764

DISPOSAL RECEIPT

100440	GROSS
	TARE
39440	NET
61,000	

30.5

ACCT # 690468 JOB # 19175 MC

CONT # RBSU2002208

CITY 67

DATE: 9-16 20 20

TIME OUT _____

DATE: 9-16-20

TIME IN 2:05

Pat

CUSTOMER # MT BAKER Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # NEWELL 016 283717

94980 GROSS
38640 TARE
56,340 NET

ACCT # 690468 JOB # MC 19175
CONT # RBSU2C0275
CITY

DATE: 20
TIME OUT:
DATE: 9/17/20
TIME IN: 7:41

67

28.17

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Pat

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # NEWELL 016 283753

107580 GROSS
TARE
35740 NET
71,840

ACCT # 690468 JOB # MC 19175
CONT # TOLU4167806
CITY

DATE: 9/17 20 20
TIME OUT:
DATE: 9/17/20
TIME IN: 8:50

67

29.92

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Pat

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # NEWELL 016 283717

94980	GROSS	
38640	TARE	
56,340	NET	

ACCT # 690468 JOB # MC 19175
CONT # RBSU200275
CITY
67

DATE: 20
TIME OUT:
DATE: 9/17/20
TIME IN: 7:41

28.17

CUSTOMER # Mt Baker

Pat

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # NEWELL 016 283753

107580	GROSS	
	TARE	
35740	NET	
71,840		

ACCT # 690468 JOB # MC 19175
CONT # TOLU4167806
CITY
67

DATE: 9/17 20 20
TIME OUT:
DATE: 9/17/20
TIME IN: 8:50

29.92

CUSTOMER # Mt Baker

Pat

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 06 283726

99440 GROSS
39,800 TARE
59,640 NET

ACCT # 690468 JOB # MC 19175
CONT # TOLU 458613
CITY
67

DATE: 20
TIME OUT:
DATE: 9-17-20
TIME IN: 9:49

29.88

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
Pat

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 06 283755

103800 GROSS
38,080 TARE
65720 NET
32.86

ACCT # 690468 JOB # MC 19175
CONT # GCEU4307732
CITY
67

DATE: 9-17 20 20
TIME OUT:
DATE: 9.17.20
TIME IN: 10:59

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
Pat

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

Newell 06

TRUCK # 283758

02080

GROSS	
TARE	
37,700	NET
64,380	

32.19

ACCT # 690468 JOB # 19175 MC

CONT # [redacted] GCEU4402S6

CITY

67

DATE: 9/17 20 20

TIME OUT: 11:13

DATE: 9/17/20

TIME IN: 12:00

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

OL

TRUCK # Newell 283762

16080

GROSS	
TARE	
38,580	NET
58,000	

29

ACCT # 690468 JOB # 19175 YB

CONT # GCEU4401/48

CITY

DATE: 9-17 20 20

TIME OUT: 12:22

DATE: 9/17/20

TIME IN: 1:14

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Nowell 283729 OK

97,180	GROSS
	TARE
39,420	NET
57,760	

28.88

ACCT # 690468 JOB # MC 19175

CONT # GCEU4259533

CITY

67

DATE: 9-17 20 20

TIME OUT: 1:28

DATE: 9.17.20

TIME IN: 2:16

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

(2)

TRUCK # River Edge 18 284079

115960
~~115960~~ GROSS
TARE
103600 NET
37.80

ACCT # 690468 JOB # 19175 MC
CONT # TRLU 901215
CITY
67

DATE: 10/2 20 20
TIME OUT:
DATE: 10/2/20
TIME IN: 10:18

CUSTOMER # MT Baker

Robert

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

(1)

TRUCK # Rivers Edge 1 28 1251

023980 GROSS
TARE
39400 NET
21.49

ACCT # 690468 JOB # 19175 MC
CONT # GCEU 435435
CITY
67

DATE: 10/2 20 20
TIME OUT:
DATE: 10/2/20
TIME IN: 8:52

CUSTOMER # MT Baker

Robert

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

(4)

River Edge 5789.12

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 284100

105040	GROSS	ACCT # 690468	JOB # MC 19175	DATE: 10.2	20 20
39180	TARE	CONT # GCEU 430732		TIME OUT: 10.48	
	NET 32.93	CITY	67	DATE: 10/2/20	
				TIME IN: 12:51	

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Roberto

CUSTOMER COPY

REPUBLIC SERVICES

(3)

LACK RIVER - 4559
01 MONSTER ROAD SW
ENTON, WA 98057

TRUCK # 5789-12 284096

90280	GROSS	ACCT # 690468	JOB # MC 19175	DATE: 10/2	20 20
38920	TARE	CONT # GCEU 440256		TIME OUT:	
	NET 25.68	CITY	.67	DATE: 10-2-20	
				TIME IN: 11:29	

JSTOMER # mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Roberto

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 284103

107340 GROSS
TARE
37700 NET
34.82

ACCT # 690468 JOB # 19175 MC
CONT # TOLU4586B3
CITY
E7

DATE: 1 20
TIME OUT:
DATE: 10.2.20
TIME IN: 1:38

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Nowell II 284080

113180 GROSS
TARE
75700 NET
36.73

ACCT # 690468 JOB # 19175 MC
CONT # TOLU4591507
CITY
E7

DATE: 10/2 20 20
TIME OUT:
DATE: 10.2.20
TIME IN: 10:01

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
Michael

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell II 284102

93740 GROSS
37700 TARE
NET

28.02

ACCT # 690468 JOB # 19175 mc
CONT # TOLU440437
CITY
67

DATE: 20
TIME OUT:
DATE: 10/2/20
TIME IN: 12:38

CUSTOMER # Mt Baker

Michael

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell II 284097

101900 GROSS
37700 TARE
NET

32.10

ACCT # 690468 JOB # 19175 mc
CONT # GCEU4353337
CITY
67

DATE: 20
TIME OUT:
DATE: 10/2/20
TIME IN: 11:05

CUSTOMER # Mt Baker

Michael

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell 293994

DISPOSAL RECEIPT

74160	GROSS
37700	TARE
	NET

ACCT # 6904468 JOB # MC 19175

CONT # GCGU4259778

CITY Medical 67

DATE: _____ 20__

TIME OUT _____

DATE: 10/2/20

TIME IN 730am

28.23

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 11 284077

17520	GROSS
37700	TARE
	NET

ACCT # 6904468 JOB # MC 19175

CONT # EGTU 420743

CITY 67

DATE: _____ 20 _____

TIME OUT: _____

DATE: 10/2/20

TIME IN: 8:46

29.91

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Michael

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 34 284107

104760 GROSS
TARE
49,680 NET
31.54

ACCT # 690468 JOB # MC 19175
CONT # GCEU4259733
CITY 67

DATE: 20
TIME OUT:
DATE: 10-2-20
TIME IN: 3:01

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
Michael

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 NEWALL 293948

DISPOSAL RECEIPT

103420	GROSS
38140	TARE
	NET
65,280	

32.64

MC

ACCT # 690468 JOB # 19175

CONT # GCGU4256483

CITY

Pat 67

DATE: 20

TIME OUT

DATE: 9/30/20

TIME IN 807am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 NEWALL 293949

DISPOSAL RECEIPT

94860	GROSS
38100	TARE
	NET
56,760	

28.38

MC

ACCT # 690468 JOB # 19175

CONT # TRLU902270

CITY

Pat 67

DATE: 9/30 20 20

TIME OUT

DATE: 9/30/20

TIME IN 902am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 NEWALL 293950

102320	GROSS
37800	TARE
	NET
64,520	

32.26

MC

ACCT # 690468 JOB # 19175

CONT # GCGU4352333

CITY

Pat 67

DATE: 9/30 20

TIME OUT

DATE: 9/30/20

TIME IN 947am

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK #: 11 NEWALL 293952

DISPOSAL RECEIPT

97300	GROSS
38040	TARE
	NET
59,260	

29.63

ACCT # 690468 JOB # MC 19175
CONT # TOLU 422199
CITY
Pat 67

DATE: 9/30 20 20
TIME OUT 10:15
DATE: 9/30/20
TIME IN 1051 am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK #: 11 NEWALL 293753

DISPOSAL RECEIPT

104580	GROSS
40860	TARE
	NET
63,720	

29.63

ACCT # 690468 JOB # MC 19175
CONT # AMJI 1492 80
CITY
Pat 67

DATE: 9/30 20 20
11:07
TIME OUT
DATE: 9/30/20
TIME IN 1140 am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK #: 11 NEWALL 293955

DISPOSAL RECEIPT

100300	GROSS
38780	TARE
	NET
61,520	

30.76

ACCT # 690468 JOB # MC 19175
CONT # GAFU 435207
CITY
Pat 67

DATE: 9/30 20 20
11:52
TIME OUT
DATE: 9/30/20
TIME IN 1230 PM

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK #: 11 NEWELL 293357

DISPOSAL RECEIPT

108060	GROSS
42120	TARE
	NET
65,940	

32.97

ACCT # 690468 JOB # 19175 (MC)
CONT # AWIU2000003
CITY
Pat 67

DATE: 9/30/20
12:46
TIME OUT
DATE: 9/30/20
TIME IN 1:24pm

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK #: 11 NEWELL 293359

DISPOSAL RECEIPT

100360	GROSS
38460	TARE
	NET
61,900	

30.95

ACCT # 690468 JOB # 19175 (MC)
CONT # EGTU4720598
CITY
Pat 67

DATE: 9/30/20
TIME OUT
DATE: 9-30-20
TIME IN 2:08

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK #: 11 Newell 293964

DISPOSAL RECEIPT

100180	GROSS
41420	TARE
	NET
58,760	

20.71

ACCT # 690468 JOB # 19175 (MC)
CONT # AWIU8485
CITY
67

DATE: 20
TIME OUT
DATE: 9-30-20
TIME IN 2:53

Pat

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # H. Newell 293875

DISPOSAL RECEIPT

94660	GROSS
42980	TARE
	NET
51,740	

25.87

ACCT # 690468 JOB # MC 19175
CONT # RBSU 200207
CITY Pat 67

DATE: 9-30 20 20
TIME OUT 3:10
DATE: 10/1/20
TIME IN 811 am

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # H. Newell 293875

DISPOSAL RECEIPT

92680	GROSS
40300	TARE
	NET
52,380	

26.19

ACCT # 690468 JOB # MC 19175
CONT # RBSU 200114
CITY Pat 67

DATE: 10/1 20 20
TIME OUT
DATE: 10/1/20
TIME IN 917 am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # H. Newell 293978

DISPOSAL RECEIPT

101840	GROSS
39220	TARE
	NET
62,620	

31.31

ACCT # 690468 JOB # MC 19175
CONT # GCEU 426548
CITY Pat 67

DATE: 10/1 20 20
TIME OUT
DATE: 10/1/20
TIME IN 10 am

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # H. Nawall 233980

DISPOSAL RECEIPT

100080 GROSS
38240 TARE
NET
61,840

30.92

ACCT # 690468 JOB # 19175 MC
CONT # GCFU435192
CITY
Pat 67

DATE: 10/1 20 20
TIME OUT 10:16
DATE: 10/1/20
TIME IN 1050am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # H. Nawall 233733

DISPOSAL RECEIPT

103380 GROSS
41740 TARE
NET
61,640

30.82

ACCT # 690468 JOB # 19175 MC
CONT # RBSU200124
CITY
Pat 67

DATE: 10/1 20 20
TIME OUT 11:06
DATE: 10/1/20
TIME IN 1151am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 233989

29.69

98640 GROSS
TARE
NET
59,380

ACCT # 690468 MC JOB # 19175
CONT # TOLU 442313
CITY

DATE: 20
TIME OUT:
DATE: 10-1-20

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Nevell 11 234072

102-160

GROSS	
TARE	
NET	31.70

38760
63,400

ACCT # 690468 JOB # 19175 MC

CONT # TOLU459437

CITY

38

DATE: _____ 20 _____

TIME OUT:

DATE: 10-1-20

TIME IN: 2:14

CUSTOMER # MT BAKED

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Pat

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

5789.12

(5)

TRUCK # Rivers Edge 234253

106800 GROSS
TARE
38740 NET
34.03

ACCT # 690468 NC
JOB # 19175
CONT # TOLU467806
CITY
67

DATE: 10 2 20 20
TIME OUT: 1:11
DATE: 10/2/20
TIME IN: 2:12

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Roberto

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 04 284112

31.72 ton

100960	GROSS	ACCT # 6904 68	JOB # MC 19175
	TARE	CONT # TOLU 424 038	
37580	NET	CITY	67

DATE: _____ 20 _____
TIME OUT: _____
DATE: 10/5/20
TIME IN: 11:04

31.72

CUSTOMER # Mt Baker

Travis

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 04 284123

32.20 ton

101020	GROSS	ACCT # 6904 68	JOB # MC 19175
	TARE	CONT # TOLU 425128	
37420	NET	CITY	67
	32.20		

DATE: 10/5 20 20
TIME OUT: 11:19
DATE: 10/5/20
TIME IN: 12:16

Travis

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Nowell 04 284259

30.78 ton

197160 GROSS
388200 TARE
NET
charge

ACCT # 6940068 JOB # 19175 MC
CONT # GCEU4351123
CITY
67

DATE: 10/5 20 20
TIME OUT:
DATE: 10/5/20
TIME IN: 8:50

CUSTOMER # Mt Baker

TRAVIS
NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Nowell 04 284263

32.95 ton

104880 GROSS
289980 TARE
NET
32.95

ACCT # 6940468 JOB # 19175 MC
CONT # TOLU4666610
CITY
67

DATE: 10/5 20 20
TIME OUT:
DATE: 10/5/20
TIME IN: 9:53

CUSTOMER # Mt Baker

TRAVIS
NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Neuk 11 284267

04

32.29 ton

103280	GROSS
38820	TARE
	NET

ACCT # 69046 JOB # MC 19175

CONT # HRCU 411516

CITY

67

DATE: 10-5 20 20

TIME OUT: 12:30

DATE: 10-5-20

TIME IN: 1:19

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 04 NEWELL 294025

DISPOSAL RECEIPT

99120	GROSS
38520	TARE
	NET

ACCT # 690468 JOB # MC 19175
CONT # GCEU4355556
CITY

DATE: 20
TIME OUT
DATE: 10/6/20
TIME IN 745 am

67

30.30 Travis

30.30

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 04 284272

29.15 ton

18680	GROSS
	TARE
100380	NET

ACCT # 690468 JOB # MC 19175
CONT # TOLU422739
CITY

DATE: 10/5 20 20
TIME OUT:
DATE: 10.5.20
TIME IN: 2:28

67

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
TRAVIS

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 04 284147

107380	GROSS
	TARE
371660	NET

mc

ACCT # 6904168 JOB # 19175

CONT # TOLU458270

CITY

67

DATE: _____ 20 _____

TIME OUT: _____

DATE: 10/6/20

TIME IN: 8:59

CUSTOMER # MT Baker

Travis

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # BDS 34 284262

103800 GROSS
TARE
39100 NET
32.35

ACCT # 690468 JOB # MC 19175
CONT # TOLU457801
CITY
67

DATE: 10/5 20 20
TIME OUT:
DATE: 10-5-20
TIME IN: 9:41

CUSTOMER # Mt Baker

Adam

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

BDS 34
TRUCK # 284257

98260 GROSS
TARE
39,640 NET
29.31

ACCT # 690468 JOB # MC 19175
CONT # RBSU2002734
CITY
67

DATE: 10-2 20 20
TIME OUT: 3:25
DATE: 10/5/20
TIME IN: 8:23

CUSTOMER # Mt Baker

Adam

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # DDS 34 284254

93580	GROSS
	TARE
40060	NET
	26.76

ACCT # 690468 JOB # MC 19175
CONT # RBSU 700275
CITY
67

DATE: 10-2 20 20
TIME OUT: 2:04
DATE: 10/2/20
TIME IN: 2:59

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Adam

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # BDS 34 284111

04640	GROSS
	TARE
40100	NET
	30.27

ACCT # 690468 JOB # MC 19175
CONT # AWFU8500
CITY
67

DATE: 10-5 20 20
TIME OUT: 10:03
DATE: 10/5/20
TIME IN: 11:01

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Adam

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # BDS 34 284114

108580 GROSS
38760 TARE
NET 32.41

ACCT # 690468 JOB # MC 19175
CONT # TOLU 453274
CITY 67

DATE: 10-5 20 20
TIME OUT: 11:14
DATE: 10/5/20
TIME IN: 12:07

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Adam

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # BDS 34 284266

104760 GROSS
37700 TARE
NET 33.53

ACCT # 690468 JOB # MC 19175
CONT # TOLU 903644
CITY 67

DATE: 20
TIME OUT:
DATE: 10.5.20
TIME IN: 1:11

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Adam

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 284267

04

32.29 ton

103280	GROSS
38820	TARE
	NET

ACCT # 69468 JOB # MC 19175

CONT # NRCU 411516

CITY

67

DATE: 10-5 20 20

TIME OUT: 12:30

DATE: 10-5-20

TIME IN: 1:19

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # River Edge 284269

102860	GROSS
42460	TARE
	NET
30.20	TONS

ACCT # 6904168 JOB # 19175 (NC)
CONT # AWIU200613
CITY
67

DATE: 10/5 20 20
TIME OUT: 2:28
DATE: 10/5/20
TIME IN: 3:13

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

John

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Rivers Edge D. 284140

101260	GROSS
39180	TARE
	NET
31.04	TONS

ACCT # 6904168 JOB # 19175 (NC)
CONT # RBSU200437
CITY
67

DATE: 10/5 20 20
TIME OUT:
DATE: 10/5/20
TIME IN: 1:58

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Jane.

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

5787-12
284255

TRUCK # River

93200	GROSS
	TARE
40,260	NET
26.47	TONS

ACCT # 690468 JOB # MC 19175
CONT # RBSU 200210
CITY

67

DATE: 10-2 20 20
TIME OUT: 2:48
DATE: 10|5|20
TIME IN: 8:1

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Dave

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # River Edge . 284260

06280	GROSS
	TARE
39040	NET
33.49	TONS

ACCT # 690468 JOB # MC 19175
CONT # CCEU 420227
CITY

67

DATE: 10|5 20 20
TIME OUT:
DATE: 10|5|20
TIME IN: 9:23

CUSTOMER # mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Dave.

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 11 284258

100560 GROSS
TARE
38480 NET
61,780
30.89

ACCT # 690468 JOB # MC 19175
CONT # TOLU468988
CITY
67

DATE: 10.2 20 20
TIME OUT: 3:31
DATE: 10/5/20
TIME IN: 8:17

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 11 284261

101720 GROSS
TARE
39460 NET
62,260
31.13

ACCT # 690468 JOB # MC 19175
CONT # GCEU4202016
CITY
67

DATE: 10/5 20 20
TIME OUT:
DATE: 10-5-20
TIME IN: 9:32

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 04 284110

90,960	GROSS
34800	TARE
60,160	NET

ACCT # 690468 JOB # MC 19175
CONT # TCLU459 3826
CITY 67

DATE: _____ 20 ____
TIME OUT: _____
DATE: 10/5/20
TIME IN: 10:58

CUSTOMER # 30.08 MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Travis Pat

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell 11 284117

103900	GROSS
38580	TARE
65,320	NET

ACCT # 690468 JOB # MC 19175
CONT # TCLU4660739
CITY 67

DATE: 10.5 20 20
TIME OUT: 11:11
DATE: 10.5.20
TIME IN: 12:03

CUSTOMER # 32.64 Mt Baker

Pat

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # ~~BRS 24~~ Newell 284139

106960 GROSS
TARE
39020 NET
67,940

ACCT # 6910468 JOB # MC 19175
CONT # GCEU4406196
CITY

67

DATE: 10-5 20 20
TIME OUT: 12:15
DATE: 10/5/20
TIME IN: 1:10

CUSTOMER # 33.97 MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK ~~Peter~~ PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Newell II 284270

97080 GROSS
TARE
39520 NET
57,560

ACCT # 6910468 JOB # MC 19175
CONT # RBSU200407
CITY

67

DATE: 10/5 20 20
TIME OUT:
DATE: 10-5-20
TIME IN: 2:15

CUSTOMER # 28.78 MT Baker

Pat

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

Newell

TRUCK # 284146

102780	GROSS	
37660	TARE	
65,120	NET	

ACCT # 610468 JOB # MC 19175

CONT # GOEU435366

CITY

DATE: 20

TIME OUT:

DATE: 10.6.20

TIME IN: 3:27

CUSTOMER # 22.54 MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

PAT

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # River Edge 284264

78260	GROSS
	TARE
39220	NET
29.52	TONS

ACCT # 680468 JOB # MC 19175

CONT # GCEU4352397

CITY 67

DATE: 10.5 20 20

TIME OUT: 9:55

DATE: 10.5.20

TIME IN: 10:43

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Dave

CUSTOMER COPY

5789-12

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # River Edge 284265

032000	GROSS
	TARE
39020	NET
32.30	TONS

ACCT # 680468 JOB # MC 19175

CONT # TOLU4694450

CITY

DATE: 10 5 20 20

TIME OUT: 10:59

DATE: 10/5/20

TIME IN: 11:47

CUSTOMER # MT BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

DAVE

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # Rivers Edge 284138

102780 GROSS
39180 TARE
31.80 NET TONS

ACCT # 690468 JOB # 19175 MC
CONT # GCEU445127
CITY
67

DATE: 10 5 20 20
TIME OUT: 10:02
DATE: 10-5-20
TIME IN: 12:54

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Jon

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS 294027

DISPOSAL RECEIPT

93040	GROSS
38000	TARE
	NET
27.52	TONS

ACCT # 690468 JOB # MC 19175 DATE: _____ 20__

CONT # TOLU 453479 TIME OUT _____

CITY _____ DATE: 10/6/20

TIME IN 808 am

Dave

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 4 Newell 294166

DISPOSAL RECEIPT

99120	GROSS
39080	TARE
	NET

ACCT # 690468 JOB # MC 19175 DATE: 10-07 20 20

CONT # RBSU200438 TIME OUT 3:29

CITY _____ DATE: 10/8/20

67 TIME IN 741am

Travis

30.08

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 4 Newell 294167

DISPOSAL RECEIPT

112760	GROSS
38820	TARE
	NET

ACCT # 690468 JOB # MC 19175 DATE: 10/8 20 20

CONT # TOLU 460481 TIME OUT _____

CITY _____ DATE: 10/8/20

Travis 67 TIME IN 844am

36.97

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 4 NEWALL 294171

DISPOSAL RECEIPT

95540 GROSS
37260 TARE
NET

ACCT # 690468 JOB # MC 19175
CONT # GCEU 420172
CITY Travis 67

DATE: 10/8 20 20
TIME OUT
DATE: 10/8/20
TIME IN 951am

29.14

CUSTOMER # MIT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 4 NEWALL 294175

DISPOSAL RECEIPT

94840 GROSS
40320 TARE
NET

ACCT # 690468 JOB # MC 19175
CONT # RBSU 200172
CITY Travis 67

DATE: 10/8 20 20
10:03
TIME OUT
DATE: 10/8/20
TIME IN 1053am

27.26

CUSTOMER # MIT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 04 Newell 293637

MC

97020	GROSS
38080	TARE
	NET

ACCT # 690468 JOB # 19175

CONT # GCFU4302772

CITY

67

Travis

DATE: 10-8- 20 20
11:02

TIME OUT

DATE: 10-8-20

TIME IN 12:11

29.47

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 04 Newell 294185

MC

95960	GROSS
38320	TARE
	NET

ACCT # 690468 JOB # 19175

CONT # TOLU457824

CITY

67

~~Rec~~

Travis

DATE: 20

TIME OUT

DATE: 10-8-20

TIME IN 1:07

28.82

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 84 Newell 294191

DISPOSAL RECEIPT

102400	GROSS
38060	TARE
	NET

ACCT # 690468 JOB # MC 19175
CONT # GCEU426194
CITY

DATE: 10-8 20 20
TIME OUT ~~1:06~~
DATE: 10-8-20
TIME IN 2:09

67

Travis

32.17

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 04 Newell 294194

DISPOSAL RECEIPT

101060	GROSS
38160	TARE
	NET

ACCT # 690468 JOB # MC 19175
CONT # TOLU466718
CITY

DATE: 10-8 20 20
3:18
TIME OUT
DATE: 10-8-20
TIME IN 3:12

67

Travis

31.45

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell 294033

DISPOSAL RECEIPT

1010 60	GROSS
41080	TARE
59,980	NET

ACCT # 690468 JOB # MC 19175
CONT # RBSU 200133
CITY
Pat 67

DATE: 10/7 20 20
TIME OUT 731 am
DATE: 10/7/20
TIME IN 809 am

29.99

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell 294037

DISPOSAL RECEIPT

99960	GROSS
41960	TARE
58,000	NET

ACCT # 690468 JOB # MC 19175
CONT # RBSU200151
CITY
Pat 67

DATE: 10/7 20 20
TIME OUT 828 am
DATE: 10/7/20
TIME IN 913 am

29

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell 294041

DISPOSAL RECEIPT

100140	GROSS
41320	TARE
58,820	NET

ACCT # 690468 JOB # MC 19175

CONT # AMIU9130

CITY

DATE: 10/7 20 20

TIME OUT 935 am

DATE: 10/7/20

TIME IN 1010 am

Pat 67

29.41

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell 294045

DISPOSAL RECEIPT

97540	GROSS
39680	TARE
57,860	NET

ACCT # 690468 JOB # MC 19175

CONT # RBSU200358

CITY

DATE: 10/7 20 20
10:28

TIME OUT

DATE: 10/7/20

TIME IN 1104 am

Pat 67

28.93

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Nawell 294048

DISPOSAL RECEIPT

118120	GROSS
39580	TARE
78,540	NET
39.27	

ACCT # 690468 JOB # MC 19175 DATE: 10/7 20 20

CONT # TRLU900349 TIME OUT 11:13

CITY _____ DATE: 10/7/20

Pat 67 TIME IN 11:55 am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Nawell 294153

DISPOSAL RECEIPT

98080	GROSS
41260	TARE
56,820	NET
28.41	

ACCT # 690468 JOB # MC 19175 DATE: 10/7 20 20

CONT # RBSU 200194 TIME OUT _____

CITY _____ DATE: 10/7/20

Pat 67 TIME IN 1:50PM

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell 294155

DISPOSAL RECEIPT

92180	GROSS
39660	TARE
52,520	NET

ACCT # 690468 JOB # MC 19175

CONT # RBSU 200426

CITY

Pat 67

DATE: 10/7 20 20

TIME OUT 1:01 PM

DATE: 10-7-20

TIME IN 1:47

26.26

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell 294158

DISPOSAL RECEIPT

87080	GROSS
38120	TARE
48,960	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU 431745

CITY

Pat 67

DATE: 10-7 20 20

TIME OUT 1:58

DATE: 10-7-20

TIME IN 2:42

24.48

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 64 Newell 294161

DISPOSAL RECEIPT

96420	GROSS
38980	TARE
	NET

ACCT # 690468 JOB # 19175 MC

CONT # RBSU 200301

CITY

67

Travis

DATE: 10-7-2020

TIME OUT

DATE: 10-7-20

TIME IN 3:01

28.72 ton

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 04 Newell 294154

DISPOSAL RECEIPT

98500	GROSS
38920	TARE
	NET

MC
ACCT # 690468 JOB # 19175
CONT # RBSU 200362
CITY
Travis 67

DATE: 10-7 20 20
TIME OUT 1239 PM
DATE: 10/7/20
TIME IN 117 pm

29.79 ton

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 04 Newell 293635

DISPOSAL RECEIPT

93820	GROSS
38060	TARE
	NET

MC
ACCT # 690468 JOB # 19175
CONT # HCFU425111
CITY
67
Travis

DATE: 10-7 20 20
1:28
TIME OUT
DATE: 10-7-20
TIME IN 2:12

27.88 ton

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 4 NAWAL 294047

DISPOSAL RECEIPT

108180	GROSS
39600	TARE
	NET

MC
ACCT # 690468 JOB # 19178

CONT # RBSU200153

CITY

Travis 67

DATE: 10/7/20

10:58 TIME OUT

DATE: 10/7/20

TIME IN 11:31 am

34.29 ton

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 4 NAWAL 294151

DISPOSAL RECEIPT

93720	GROSS
39000	TARE
	NET

MC
ACCT # 690468 JOB # 19175

CONT # RBSU200224

CITY

Travis 67

DATE: 10/7/20

11:42 TIME OUT

DATE: 10-7-20

TIME IN 12:23

27.36 ton

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 04 NAWAH 294042

DISPOSAL RECEIPT

107120	GROSS	
41660	TARE	
	NET	

ACCT # 690468 JOB # MC 19175 DATE: 10/7 20 20

CONT # RWIU200005

CITY

TIME OUT 917 am

DATE: 10/7/20

TIME IN 952 am

Travis 67

32.73 ton

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 4 NAWAH 294044

DISPOSAL RECEIPT

98840	GROSS	
39720	TARE	
	NET	

ACCT # 690468 JOB # MC 19178 DATE: 10/7 20 20

10:04

CONT # RISU200292

CITY

TIME OUT

DATE: 10/7/20

TIME IN 1044 am

TRAVIS 67

29.56 ton

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 04 Newell 294032

DISPOSAL RECEIPT

102180	GROSS
39720	TARE
	NET

ACCT # 690468 JOB # MC 19175 DATE: 10/7 20 20

CONT # TOLU 452007

CITY

TIME OUT 720am

DATE: 10/7/20

Travis 67

TIME IN 758am

31.23 ton

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 04 Newell 294035

DISPOSAL RECEIPT

99400	GROSS
40020	TARE
	NET

ACCT # 690468 JOB # MC 19175 DATE: 10/7 20 20

CONT # RBSU 200114

CITY

TIME OUT 826am

DATE: 10/7/20

Travis 67

TIME IN 902am

29.69 ton

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 Rivers Edge 294160

DISPOSAL RECEIPT

88860	GROSS
38260	TARE
	NET
25.30	TONS

ACCT # 690468 JOB # 19175 MC

CONT # GCEU4352S7

CITY

67

DAVE

DATE: 10-7 20 20

TIME OUT

DATE: 10-7-20

TIME IN 2:57

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS EDGE 294156

DISPOSAL RECEIPT

96740	GROSS
38900	TARE
	NET
28.92	TONS

ACCT # 690468 JOB # 19175 MC

CONT # GCEU435248

CITY

67

DAVE

DATE: 10/7 20 20

TIME OUT 110 PM

DATE: 10-7-20

TIME IN 1:59

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 Rivers Edge 294152

DISPOSAL RECEIPT

89240	GROSS
40960	TARE
	NET
24.14	TONS

ACCT # 690468 JOB # MC 19175

CONT # RBSU 200226

CITY

Dave 67

DATE: 10-7 20 20

TIME OUT 1224 PM

DATE: 10/7/20

TIME IN 1PM

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS EDGE 294050

DISPOSAL RECEIPT

111760	GROSS
40140	TARE
	NET
35.81	TONS

ACCT # 690468 JOB # MC 19175

CONT # RBSU 200247

CITY

Dave 67

DATE: 10/7 20 20

TIME OUT

DATE: 10-7-20

TIME IN 12:14

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS EDGE 294046

DISPOSAL RECEIPT

404080	GROSS
38600	TARE
	NET
32.74	TONS

ACCT # 690468 JOB # MC 19175

CONT # TRLU902942

CITY

Dave 67

DATE: 10/7 20 20

10:47

TIME OUT

DATE: 10/7/20

TIME IN 1137am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS EDGE 294043

DISPOSAL RECEIPT

103100	GROSS
40240	TARE
	NET
31.43	TONS

ACCT # 690468 JOB # MC 19175

CONT # RBSU200282

CITY

Dave 67

DATE: 10/7 20 20

10:02

TIME OUT

DATE: 10/7/20

TIME IN 1037am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS EDGE 294039

89360	GROSS
40700	TARE
	NET
24.33	TONS

ACCT # 690468 JOB # MC 19175 DATE: 10/7 20 20
CONT # RBSU 200374 TIME OUT 910 am
CITY DATE: 10/7/20
Dave 67 TIME IN 948 am

CUSTOMER # MT BAKER HOUSING NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS EDGE 294034

99420	GROSS
40680	TARE
	NET
29.27	TONS

ACCT # 690468 JOB # MC 19175 DATE: 10/7 20 20
CONT # RBSU 200369 TIME OUT 802 am
CITY DATE: 10/7/20
Dave 67 TIME IN 840 am

CUSTOMER # MT BAKER HOUSING NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS EDGE 294031

97500	GROSS	
40920	TARE	
	NET	
28.74	TONS	

ACCT # 690468 JOB # mc 19175

CONT # RBSU200417

CITY

67

DATE: 10/7 20 20

TIME OUT 715am

DATE: 10/7/20

TIME IN 749am

Dave

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 294186

DISPOSAL RECEIPT

101620	GROSS
387410	TARE
	NET

ACCT # 690468 JOB # 19175 MC
CONT # GCEU 426104
CITY
67
Adam

DATE: 10-8 20 20
TIME OUT 12:39
DATE: 10.8-20
TIME IN 1:12

31.44

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 294192

DISPOSAL RECEIPT

95060	GROSS
39400	TARE
	NET

690468 MC
ACCT # ~~[illegible]~~ JOB # 19175
CONT # RBSU 200431
CITY
67
Adam

DATE: 10-8 20 20
TIME OUT
DATE: 10-8-20
TIME IN 2:11

27.83

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 BKO 293636

DISPOSAL RECEIPT

101140
38160

GROSS	
TARE	
NET	

ACCT # 690468 JOB # MC 19175 DATE: 10/8 20 20

CONT # TRLU 900955

CITY ADAM 67

TIME OUT

DATE: 10/8/20

TIME IN 751am

31.49

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 BKO 294172

DISPOSAL RECEIPT

93200
38560

GROSS	
TARE	
NET	

ACCT # 690468 JOB # MC 19175 DATE: 10/8 20 20

CONT # GCEU 430734

CITY Adam 67

TIME OUT

DATE: 10/6/20

TIME IN 959am

27.32

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell 294163

DISPOSAL RECEIPT

101920	GROSS
39120	TARE
62,800	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU4580145

CITY

67

Pat

DATE: 10-7 20 20

TIME OUT

DATE: 10/8/20

TIME IN 800 am

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell 294169

DISPOSAL RECEIPT

105040	GROSS
38440	TARE
66,600	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU4541140

CITY

Pat 67

DATE: 10/8 20 20

TIME OUT

DATE: 10/8/20

TIME IN 915 am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell 294174

DISPOSAL RECEIPT

87900	GROSS
38340	TARE
49,560	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU425177

CITY

Pat 67

DATE: 10/8 20 20

933 am

TIME OUT

DATE: 10/8/20

TIME IN 1005 am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell 294181

DISPOSAL RECEIPT

106580	GROSS
40260	TARE
66,320	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU425375

CITY

Pat 67

DATE: 10/8 20 20

10:20

TIME OUT

DATE: 10/8/20

TIME IN 11:17

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell 293638

DISPOSAL RECEIPT

84320	GROSS
39680	TARE
44,640	NET

ACCT # 690468 JOB # 19175 MC
CONT # RBSU200307
CITY 67
Pat

DATE: 10-8 20 20
TIME OUT 11:32
DATE: 10-8-20
TIME IN 12:30

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell 294187

DISPOSAL RECEIPT

101160	GROSS
38840	TARE
62,320	NET

ACCT # 690468 JOB # 19175 MC
CONT # TOLU468788
CITY 67
Pat

DATE: 10-8 20 20
TIME OUT 12:59
DATE: 10-8-20
TIME IN 131

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell 294193

DISPOSAL RECEIPT

98920	GROSS
39980	TARE
59,740	NET

ACCT # 690468 JOB # 01C 19175

CONT # RBSU 200621

CITY 67

Pat

DATE: 10-8-20

TIME OUT 1:45

DATE: 10-8-20

TIME IN 2:28

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 B&D 294182

DISPOSAL RECEIPT

89240	GROSS
39060	TARE
	NET

ACCT # 690468 JOB # MC 19175 DATE: 10/8 20 20

CONT # GCEU4321143

TIME OUT

CITY Adam 67

DATE: 10/8/20

TIME IN 12:27

25.09

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 B&D 294179

DISPOSAL RECEIPT

97160	GROSS
40000	TARE
	NET

ACCT # 690466 JOB # MC 19175 DATE: 10/8 20 20

CONT # GCEU426319

TIME OUT 10:14

CITY Adam 67

DATE: 10/8/20

TIME IN 11am

28.58

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 BFD 294168

101420	GROSS
~~38260~~	TARE
38260	NET

ACCT # 690460 JOB # 19175 MC

CONT # TPHU2501184

CITY

ADam 67

DATE: 10/8 20 20

TIME OUT

DATE: 10/8/20

TIME IN 953am

31.58

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RIVERS EDGE 294052

96420	GROSS
38000	TARE
	NET
1	

ACCT # 690468 JOB # MC 19175

CONT # TOLU 466714

CITY Cindy 67

DATE: 10/12 20 20

TIME OUT

DATE: 10/12/20

TIME IN 830am

29.21

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 Rivers Edge 294164
18 RIVERS EDGE

102400	GROSS
39480	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU 469 489

CITY Cindy 67

DATE: 10-7 20 20

TIME OUT

DATE: 10/12/20

TIME IN 740am

31.44

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294055

MC

101760	GROSS
38840	TARE
	NET

ACCT # 690468 JOB # 19175
CONT # GCEU4385852
CITY
Andy 67

DATE: 10/11 20 20
TIME OUT
DATE: 10/12/20
TIME IN 1101am

31.46

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RIVERS EDGE 294054

MC

108620	GROSS
40020	TARE
	NET

ACCT # 690468 JOB # 19175
CONT # GCGU4731554
CITY
Andy 67

DATE: 10/12 20 20
TIME OUT
DATE: 10/11/20
TIME IN 9:56

34.29

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294057

DISPOSAL RECEIPT

94120	GROSS
39340	TARE
	NET

ACCT # 690468 JOB # MC 19175 DATE: 10/12 20 20

CONT # TDLU4587235

TIME OUT

CITY

DATE: 10/12/20

Andy 67

TIME IN 12:39

27.49

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18RE 294056

DISPOSAL RECEIPT

104100	GROSS
39040	TARE
	NET

ACCT # 690468 JOB # MC 19175 DATE: 10/12 20 20

CONT # GCEU4263305

TIME OUT

CITY

DATE: 10/12/20

Andy 67

TIME IN 1152am

32.53

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294059

MC

95440	GROSS
38460	TARE
	NET

ACCT # 690468 JOB # 19175

CONT # TOLU 455813

CITY

67

DATE: 10/12 20 20

TIME OUT

DATE: 10/12/20

TIME IN 1:07

28.49

Away

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294058

MC

100540	GROSS
38460	TARE
	NET

ACCT # 690468 JOB # 19175

CONT # TOLU 453479

CITY

67

DATE: 20

TIME OUT

DATE: 10/12/20

TIME IN 1:25

30.94

Away

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 10 294078

DISPOSAL RECEIPT

95440	GROSS
38380	TARE
	NET

ACCT # 690468 JOB # MC19175 DATE: 10-13 20 20

CONT # TOLU468350 TIME OUT 2:27

CITY DATE: 10-13-20

67 TIME IN 3:12

Jerry

28.53

CUSTOMER # MT Baker Housing NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 10 Newell 294073

DISPOSAL RECEIPT

100400	GROSS
39780	TARE
	NET

ACCT # 690468 JOB # MC 19175 DATE: 10-13 20 20

CONT # ACEU425068 TIME OUT 1:38

CITY DATE: 10-13-20

67 TIME IN 2:14

Jerry

30.81

CUSTOMER # MT Baker Housing NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 10 NEWALL 294063

DISPOSAL RECEIPT

94220	GROSS	
43300	TARE	
	NET	
	-	

ACCT # 690468 JOB # MC 19175

CONT # RBSU 200114

CITY Jerry 67

DATE: 10/13 20 20

TIME OUT

DATE: 10/13/20

TIME IN 940am

25.46

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 10 NEWALL 294062

DISPOSAL RECEIPT

103800	GROSS	
40,000	TARE	
	NET	

ACCT # 690468 JOB # MC 19175

CONT # TOLU459025

CITY Jerry 67

DATE: 20

TIME OUT

DATE: 10/13/20

TIME IN 840am

31.90

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 10 NEWALL 294067

DISPOSAL RECEIPT

97400	GROSS
37760	TARE
	NET

29.88

ACCT # 690468 JOB # MC 19175

CONT # TOLU4666547

CITY

Jerry 67

DATE: 10/13/20 20
10:46

TIME OUT

DATE: 10/13/20

TIME IN 1119am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 10 NEWALL 294066

DISPOSAL RECEIPT

96000	GROSS
40220	TARE
	NET

27.89

ACCT # 690468 JOB # MC 19175

CONT # TOLU4520007

CITY

Jerry 67

DATE: 10/13/20 20

TIME OUT

DATE: 10/13/20

TIME IN 1033am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 10 Newell 294074

DISPOSAL RECEIPT

91740	GROSS
40040	TARE
	NET
3	

25.85

ACCT # 690468 JOB # MC 19175

CONT # RBSU200160

CITY

67

Jerry

DATE: 10-13 20 20

TIME OUT

DATE: 10-13-20

TIME IN 1:25

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 10 Newell 293541

DISPOSAL RECEIPT

107820	GROSS
38260	TARE
	NET

34.78

ACCT # 690468 JOB # MC 19175

CONT # GLCU4327035

CITY

Jerry 67

DATE: 10/13 20 20

TIME OUT

DATE: 10-13-20

TIME IN 12:29

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 BDS 294204

DISPOSAL RECEIPT

101720	GROSS
37780	TARE
	NET

ACCT # 690468 JOB # 19175 (mc)
CONT # TOLU459068
CITY
Adam 67

DATE: 10/9 20 20
TIME OUT
DATE: 10/9/20
TIME IN 1020am

3197

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 BDS 294202

DISPOSAL RECEIPT

104300	GROSS
58840	TARE
	NET

ACCT # 690468 JOB # 19175 (mc)
CONT # GRSU4320933
CITY
Adam 67

DATE: 10/9 20 20
TIME OUT
DATE: 10/9/20
TIME IN 840am

3273

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 BDS 294207

DISPOSAL RECEIPT

111040	GROSS
39800	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # GCAU 4259 33

CITY Adam 67

DATE: 10/9 20

TIME OUT

DATE: 10/9/20

TIME IN 1103am

35.68

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 BDS 294208

DISPOSAL RECEIPT

100700	GROSS
39000	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU 453003

CITY Adam 67

DATE: 10/9 20

11:13

TIME OUT

DATE: 10/9/20

TIME IN 1152am

30.85

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 BDS 294213

mc

106240	GROSS
37840	TARE
	NET

34.20

ACCT # 690468 JOB # 19175

CONT # GCEU4320046

CITY

67

DATE: 10-9 20 20

12:56

TIME OUT

DATE: 10/09/20

TIME IN 1:33

adam

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 BDS 294211

mc

103240	GROSS
39520	TARE
	NET

31.86

ACCT # 690468 JOB # 19175

CONT # RBSU 200278

CITY

Adam 67

DATE: 10/9 20 20

12:04

TIME OUT

DATE: 10/09/20

TIME IN 12:43

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 BDS 294201

DISPOSAL RECEIPT

103820	GROSS
38120	TARE
	NET

32.85

ACCT # 690468 JOB # MC 19175

CONT # GCEU430663

CITY Adam 67

DATE: 10-8 2020

$35

TIME OUT

DATE: 10/9/20

TIME IN 745am

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # BDS 34 284095

94560 GROSS
TARE
32320 NET
32.16

ACCT # 690468 JOB # MC 19175
CONT # GCEU 440046
CITY
67

DATE: 10/2 20 20
TIME OUT:
DATE: 10.2.20
TIME IN: 11:30

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Adam

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # ~~Howell~~ BDS 34 283849

103,080 GROSS
TARE
38,540 NET
32.2

ACCT # 690468 JOB # MC 19175
CONT # GCEU 440148
CITY
67

DATE: 10.2 20 20
TIME OUT: 12:52
DATE: 10-2-20
TIME IN: 1:50

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Adam

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

BDS 34

TRUCK # 284098

78340 GROSS
TARE
38400 NET
2a.07

ACCT # 690468 JOB # MC 19175
CONT # TRLU901713
CITY
67

DATE: _____ 20 _____
TIME OUT: _____
DATE: 10-2-20
TIME IN: 11:46

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
Adam

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # BDS 34 284092

116600 GROSS
TARE
38,100 NET
1 34.25

ACCT # 690468 JOB # MC 19175
CONT # TKLU 456565
CITY
67

DATE: _____ 20 _____
TIME OUT: _____
DATE: 10-2-20
TIME IN: 10:11

CUSTOMER # MT Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
Adam

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # BDS 34 284095

94560 GROSS
TARE
32320 NET
31.18

ACCT # 690468 JOB # MC 19175
CONT # GCEU 440046
CITY
67

DATE: 10/2 20 20
TIME OUT:
DATE: 10.2.20
TIME IN: 11:30

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
Adam

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
501 MONSTER ROAD SW
RENTON, WA 98057

TRUCK # ~~Hewett~~ BDS 34 283849

103,080 GROSS
TARE
38,540 NET
32.27

ACCT # 690468 JOB # MC 19175
CONT # GCEU 440148
CITY
67

DATE: 10.2 20 20
TIME OUT: 12:52
DATE: 10-2-20
TIME IN: 1:50

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
Adam

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # DS Newell 293647

MC

03d20	GROSS
38980	TARE
	NET

ACCT # 690468 JOB # 19175

CONT # GCEU4268900

CITY

67

DATE: 20

TIME OUT

DATE: 10/16/20

TIME IN 2:36

Paul

32.34

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # DS Newell 294109

MC

10d32	GROSS
39040	TARE
	NET

ACCT # 690468 JOB # 19175

CONT # CMAU4115522

CITY

67

DATE: 20

TIME OUT

DATE: 10/16/20

TIME IN 1:43

Paul

31.64

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 05 RE NW 294107

DISPOSAL RECEIPT

104100	GROSS
	TARE
39920	NET

ACCT # 690468 JOB # MC 19175

CONT # AMZU 817283

CITY Paul 67

DATE: 10/16/20

TIME OUT

DATE: 10/16/20

TIME IN 12:52

32.09

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 05 RE 294105

DISPOSAL RECEIPT

101020	GROSS
38830	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # EGTU 4200446

CITY Paul 67

DATE:

TIME OUT

DATE: 10/16/20

TIME IN 12PM

31.10

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 05 NEWALL 294102

DISPOSAL RECEIPT

103960	GROSS
39460	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU453003

CITY Paul 67

DATE: 10/16 20 20

TIME OUT

DATE: 10/16/20

TIME IN 10:57

31.75

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 05 NEWALL 294097

DISPOSAL RECEIPT

103500	GROSS
39140	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # UPCU4111426

CITY Paul 67

DATE: 10/16 20 20

TIME OUT

DATE: 10/16/20

TIME IN 10:07am

31.68

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 05 Newell 293644

DISPOSAL RECEIPT

106400	GROSS
10240	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU4688615

CITY Paul 67

DATE: 10/16/20

TIME OUT

DATE: 10/16/20

TIME IN 9am

33.08

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 11 Newell/S Newell 294196

DISPOSAL RECEIPT

106520	GROSS
~~66100~~	TARE
40420	NET

ACCT # 690468 JOB # MC 19175

CONT # AWJU8498

CITY Paul 67

DATE: 10-8-20

TIME OUT 2:43

DATE: 10/16/20

TIME IN 805am

33.03

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 293648

mc

06620	GROSS
40120	TARE
	NET

ACCT # 690468 JOB # 19175

CONT # GCEU4332046

CITY

67

DATE: 10/16 20 20

TIME OUT

DATE: 10/16/20

TIME IN 2:43

33.25

andy

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 294110

mc

97320	GROSS
41280	TARE
	NET

ACCT # 690468 JOB # 19175

CONT # ALU1484488

CITY

67

DATE: 20

TIME OUT

DATE: 10/16/20

TIME IN 1:50

29.26

andy

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 294108

MC

58330	GROSS
	TARE
40760	NET

ACCT # 690468 JOB # 19175

CONT # ALU1148026

CITY

67

DATE: 20

TIME OUT

DATE: 10/16/20

TIME IN 12:57

28.78 Andy

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 293646

100040	GROSS
100	TARE
	NET

MC

ACCT # 690468 JOB # 19175

CONT # TOLU459025

CITY

Andy 67

DATE: 10/16 20

TIME OUT

DATE: 10/16/20

TIME IN 12:07

29.97

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS EDGE 294103

DISPOSAL RECEIPT

21420	GROSS
39840	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TRLU9D0271

CITY

DATE: 10/16 20 20

TIME OUT

DATE: 10/16/20

TIME IN 11:04

Andy 67

31.14

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS EDGE 294100

DISPOSAL RECEIPT

104160	GROSS
40580	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU4540340

CITY

DATE: 10/16 20 20

TIME OUT 934am

DATE: 10/16/20

TIME IN 1014am

Andy 67

31.79

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS EDGE 294099

DISPOSAL RECEIPT

104560	GROSS
30260	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU 430272

CITY

Andy 67

DATE: 10/16 20 20

TIME OUT

DATE: 10/16/20

TIME IN 911am

32.65

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS EDGE 294093

DISPOSAL RECEIPT

106180	GROSS
30940	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU 426104

CITY

Andy 67

DATE: 10/16 20 20

TIME OUT

DATE: 10/16/20

TIME IN 830am

33.18

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE / 12 RE 294060
MC

DISPOSAL RECEIPT

3600	GROSS
4D160	TARE
	NET

ACCT # 690468 JOB # 19175
CONT # TOLU 459721
CITY
67

DATE: 20
TIME OUT
DATE: 10/16/20
TIME IN 731 am

31.77

Array

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

REPUBLIC SERVICES

BLACK RIVER - 4559
MONSTER ROAD SW
RENTON, WA 98057

6

300763

TRUCK # 18

97400
38740 GROSS
TARE
NET

ACCT # 690468 JOB # 19175 MC
CONT # TOLU4562462
CITY
67

DATE: 10-19 20 20
TIME OUT:
DATE: 10 19 20
TIME IN: 2:23

29.33

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

REPUBLIC SERVICES

BLACK RIVER - 4559
MONSTER ROAD SW
RENTON, WA 98057

5

18
300761

TRUCK # 18

101540
37680 GROSS
TARE
NET

ACCT # 690468 JOB # 19175 MC
CONT # TOLU4693116
CITY
67

DATE: 10-19 20 20
TIME OUT: 11:53
DATE: 10 19 20
TIME IN: 12:53

31.93

CUSTOMER # Mt. Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

REPUBLIC SERVICES

(1)

300751

BLACK RIVER - 4559
MONSTER ROAD SW
RENTON, WA 98057

TRUCK # River Edge 18

98900 GROSS
37660 TARE
NET

ACCT # 690468 JOB # 19175 mc
CONT # RBSU2001511
CITY

30 RB 67

DATE: 20
TIME OUT:
DATE: 10/19/20
TIME IN: 7:44

Robert.

CUSTOMER # MT. BAKER

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

REPUBLIC SERVICES

(2)

300753

BLACK RIVER - 4559
MONSTER ROAD SW
RENTON, WA 98057

TRUCK # 18

104260 GROSS
39660 TARE
NET

ACCT # 690468 JOB # 19175 mc
CONT # GCEU 4266227
CITY

32.30 67

DATE: 10 19 20 20
TIME OUT:
DATE: 10 19 20
TIME IN: 8:53

Robert

CUSTOMER # MT. Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

REPUBLIC SERVICES

BLACK RIVER - 4559
MONSTER ROAD SW
RENTON, WA 98057

(3)

300757

TRUCK # 18 18.12

30.91

98480

GROSS	
TARE	
37500	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU4350 10 X

CITY

DATE: 10-19 20 20

TIME OUT:

DATE: 10-19-20

TIME IN: 9:52 10:07

30.93 67

CUSTOMER # Mt. Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Robert

REPUBLIC SERVICES

BLACK RIVER - 4559
MONSTER ROAD SW
RENTON, WA 98057

(4)

RE 18

300759

TRUCK # 18

30.91

100480

GROSS	
TARE	
38620	NET

ACCT # 690468 JOB # MC 19175

CONT # TCLU459507

CITY

DATE: 10-19 20 20

TIME OUT: 10:47

DATE: 10 19 20

TIME IN: 11:37

30.93 31.93 67

Mt Baker

CUSTOMER #

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

Robert

REPUBLIC SERVICES

BLACK RIVER - 4559
MONSTER ROAD SW
RENTON, WA 98057

30.73

TRUCK # 12

18
300762

101100

GROSS	
TARE	
39600 NET	

ACCT # 690468 JOB # NC 19175

CONT # TRLU4469271

CITY 6T

DATE: 10-19 20 20

TIME OUT: 1:13

DATE: 10 19 20

TIME IN: 2:08

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

REPUBLIC SERVICES

BLACK RIVER - 4559
MONSTER ROAD SW
RENTON, WA 98057

33.04

TRUCK # 12

17
300763

105560

GROSS	
TARE	
39480 NET	

ACCT # 690468 JOB # NC 19175

CONT # TRLU9636444

CITY 6T

DATE: 10-19 20 20

TIME OUT: 11:50

DATE: 10 19 20

TIME IN: 12:48

CUSTOMER # Mt Baker

Andy

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

REPUBLIC SERVICES

300758

BLACK RIVER - 4559
MONSTER ROAD SW
RENTON, WA 98057

3:30-3:25

TRUCK # 42

091120 GROSS

38620 TARE

NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU 453274

CITY

67

DATE: 10 19 20 20

TIME OUT:

DATE: 10 19 20

TIME IN: 11:33

CUSTOMER # Mt Baker

Andy

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

REPUBLIC SERVICES

300754

BLACK RIVER - 4559
MONSTER ROAD SW
RENTON, WA 98057

3:30-3:25
30.97

TRUCK # RE5~~85~~-12

101260 GROSS

39320 TARE

NET

ACCT # 690468 JOB # MC 19175

CONT # TRLU9028757

CITY

67

DATE: 10 19 20 20

TIME OUT:

DATE: 10-19-20

TIME IN: 9:50

CUSTOMER # Mt. Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

ANDY

REPUBLIC SERVICES

BLACK RIVER - 4559
MONSTER ROAD SW
RENTON, WA 98057

38.84

TRUCK # River Edge 12 300750

101560	GROSS
	TARE
38480	NET

ACCT # 690468 JOB # MC 19175
CONT # TRLU901075
CITY 67

DATE: 20
TIME OUT:
DATE: 10/19/20
TIME IN: 7:37

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Andy

REPUBLIC SERVICES

BLACK RIVER - 4559
MONSTER ROAD SW
RENTON, WA 98057

33.94

TRUCK # 12 300752

107220	GROSS
	TARE
40140	NET

ACCT # 690468 JOB # MC 19175
CONT # GCEU4263275
CITY 67

DATE: 10 19 20 20
TIME OUT:
DATE: 10-19-20
TIME IN: 842

CUSTOMER # MT. Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK Andy

REPUBLIC SERVICES

18

300768

(4)

TRUCK # 18

BLACK RIVER - 4559
MONSTER ROAD SW
RENTON, WA 98057

32.05

100020

GROSS	
TARE	
35,920	NET

ACCT # 690468 JOB # 19175 MC

CONT # CCEU4350818

CITY

67

DATE: 10/20 20 20

TIME OUT: 11:25

DATE: 10 20 20

TIME IN: 12:34

CUSTOMER # Mt. Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

REPUBLIC SERVICES

300767

TRUCK # 18

BLACK RIVER - 4559
MONSTER ROAD SW
RENTON, WA 98057

32.05 29.38

96560

GROSS	
TARE	
31920	NET

ACCT # 690468 JOB # 19175 MC

CONT # CCEU4256654

CITY

67

DATE: 10/20 20 20

TIME OUT:

DATE: 10/20/20

TIME IN: 10:52

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

REPUBLIC SERVICES

CK RIVER - 4559
MONSTER ROAD SW
RENTON, WA 98057

(1)

18

300765

TRUCK # 18

93840 GROSS
38780 TARE
NET

ACCT # 690118 JOB # 19175 MC
CONT # GCEU4409[illegible]
CITY 67

DATE: 10-19 20 20
TIME OUT: 2:40
DATE: 10 20 20
TIME IN: 756

CUSTOMER # Mt Baker

Robert

NOTICE: FACILITIES USED AT CUSTOMER'S RISK

REPUBLIC SERVICES

CK RIVER - 4559
MONSTER ROAD SW
RENTON, WA 98057

(2)

18

300766

TRUCK # 18

100,1000
38880 GROSS
TARE
NET

ACCT # 690118 JOB # 19175 MC
CONT # GCEU4451[illegible]
CITY 67

DATE: 10 20 20 20
TIME OUT:
DATE: 10.20.20
TIME IN:

CUSTOMER # Mt Baker

NOTICE: FACILITIES USED AT CUSTOMER'S RISK
Robert

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 290294

29.64

71880	GROSS
38600	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU4252243

CITY

67

Andy

DATE: 10-20 20 20

TIME OUT 11:20

DATE: 10-20-20

TIME IN 12:11

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS EDGE 294268

29.84

74420	GROSS
39300	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU476396

CITY

67

Andy

DATE: 10/20 20 20

TIME OUT 10:33

DATE: 10-20-20

TIME IN 11:09

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS EDGE 294267

105420
39140

GROSS	
TARE	
NET	

33.14 690468

ACCT # ~~690468~~ JOB # MC 19175

CONT # GCGU4253233

CITY 67

Andy

DATE: 10/20/20

TIME OUT

DATE: 10/20/20

TIME IN 1023am

DISPOSAL RECEIPT

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS EDGE 294266

80180
40300

GROSS	
TARE	
NET	

33.14

ACCT # 690468 JOB # MC 19175

CONT # GCGU 432240

CITY 67

Andy

DATE: 10/20/20

TIME OUT

DATE: 10/20/20

TIME IN 932am

DISPOSAL RECEIPT

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS EDGE 294302

38900	GROSS
19520	TARE
	NET

29.44 MC

ACCT # 690468 JOB # 19175 DATE: 10/20 20 20

CONT # TOLU4588994 TIME OUT

CITY DATE: 10/20/20

Andy 67 TIME IN 831 am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RIVERS EDGE 294265

65900	GROSS
39080	TARE
	NET

28.91

690468

ACCT # ~~690248~~ JOB # 19175 MC

DATE: 20

CONT # GCEU4352711 TIME OUT

CITY DATE: 10/20/19

Andy 67 TIME IN 737 am

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294271

DISPOSAL RECEIPT

40340	GROSS
40180	TARE
	NET

ACCT # 6904648 JOB # MC 19175

CONT # AWIU8457

CITY 67

Andy

DATE: 10/21/20

11:46

TIME OUT

DATE: 10/21/20

1230PM

TIME IN

31.08

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 294270

DISPOSAL RECEIPT

40380	GROSS
38520	TARE
	NET

ACCT # 6904648 JOB # MC 19175

CONT # TOLU468614

CITY 67

Andy

DATE: 10-21-20

10:43

TIME OUT

DATE: 10/21/20

1131am

TIME IN

29.03

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 16 RIVERS EDGE 290299

DISPOSAL RECEIPT

20060	GROSS
39000	TARE
	NET

ACCT # 69046B JOB # MC 19175
CONT # GCEU 435337
CITY
Andy 67

DATE: 10/21 20 20
TIME OUT
DATE: 10/21/20
TIME IN 1030am

31.53 39.08

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RIVERS EDGE 294269

DISPOSAL RECEIPT

74480	GROSS
41420	TARE
	NET

ACCT # 69068 JOB # MC 19175
CONT # MWIU 200017
CITY
Andy 67

DATE: 10/21 20 20
TIME OUT
DATE: 10/21/20
TIME IN 934am

31.53 37.29

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RIVERS EDGE 290296

DISPOSAL RECEIPT

46680	GROSS
39200	TARE
	NET

ACCT # 690468 JOB # MC 19175 DATE: _____ 20__

CONT # TOLU459051

CITY _____

TIME OUT _____

DATE: 10/21/20

Andy 67 TIME IN 748am

28.74

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18RE 294277

DISPOSAL RECEIPT

07200	GROSS
38960	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU425784

CITY 67

DATE: 10-22 20 20

TIME OUT 1:18

DATE: 10-22-20

TIME IN 1:56

Andy

25.97

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294276

DISPOSAL RECEIPT

09867	GROSS
38980	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU457801

CITY 67

DATE: 10/22 20 20

TIME OUT 12:26

DATE: 10-22-20

TIME IN 1:08pm

Andy

29.87

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294275

84400	GROSS
38620	TARE
	NET

ACCT # 690468 JOB # MC 19175
CONT # TRLU905538
CITY Andy 67

DATE: 10/22 20 20
TIME OUT 11:34
DATE: 10/22/20
TIME IN 1216 pm

29897

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RIVERS EDGE 294274

84440	GROSS
40140	TARE
	NET

ACCT # 690468 JOB # MC 19175
CONT # TOLU459721
CITY Andy 67

DATE: 10/22 20 20
TIME OUT 10:45
DATE: 10/22/20
TIME IN 1122 am

29897

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RIVERS EDGE 294273

DISPOSAL RECEIPT

52260	GROSS
38500	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU4256637

CITY Andy 67

DATE: 10/22 20

TIME OUT

DATE: 10/22/20

TIME IN 1031am

28.30

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294272

DISPOSAL RECEIPT

51200	GROSS
39280	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU4580 45

CITY Andy 67

DATE: 10-21 20 20

12:40

TIME OUT

DATE: 10/22/20

TIME IN 940am

27.94

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294283

DISPOSAL RECEIPT

87700	GROSS
45880	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # AWIU 200016

CITY 67

DATE: 10-23 20 20

TIME OUT

DATE: 10/23/20

TIME IN 2:11

30.94 Andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294282

DISPOSAL RECEIPT

84420	GROSS
38440	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU 459507

CITY 67

DATE: 10/23 20 20

TIME OUT

DATE: 10-23-20

TIME IN 1:20

Andy

23.99 30.94

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294281

DISPOSAL RECEIPT

09540	GROSS
40100	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # AWIU8408

CITY Andy 67

DATE: 10/23/20

TIME OUT

DATE: 10/23/20

TIME IN 1017am

23.98 B1.72

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294280

DISPOSAL RECEIPT

05200	GROSS
31680	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU4313O5

CITY Andy 67

DATE: 10/23/20

TIME OUT

DATE: 10/23/20

TIME IN 925am

23.98 B1.72 23.95

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294279

DISPOSAL RECEIPT

94500	GROSS
78000	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU4310600

CITY Andy 67

DATE: 10/23 20 20

TIME OUT

DATE: 10/23/20

TIME IN 800am

23.98.72 23.98.35

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294278

DISPOSAL RECEIPT

98820	GROSS
40360	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # AWIU18425

CITY Andy 67

DATE: 10-22 20 20

TIME OUT 2:12

DATE: 10/23/20

TIME IN 736am

23.98.72 23.98.37

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294259

16740	GROSS
	TARE
38760	NET

ACCT # 690468 JOB # MC 19175

CONT # RBSU200870

CITY 67

DATE: 20

TIME OUT

DATE: 10-26-20

TIME IN 2:42

Andy

33.99

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294258

1960	GROSS
	TARE
41100	NET

ACCT # 690468 JOB # MC 19175

CONT # AWU420015

CITY 67

DATE: 10-26 20 20

TIME OUT

DATE: 10-26-20

TIME IN 1:44

Andy

33.99 35.08

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294288

86200	GROSS
39220	TARE
	NET

ACCT # 698468 JOB # MC 19175

CONT # AWIU ~~8705~~

CITY 8014 67

DATE: 10-26 20 20

TIME OUT

DATE: 10-26-20

TIME IN 12:53

DISPOSAL RECEIPT

33.99 338849 Andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294287

106540	GROSS
37600	TARE
	NET

ACCT # 698468 JOB # MC 19175

CONT # GCEU4J6152

CITY 67

DATE: 10-26 20 20
11:13

TIME OUT

DATE: 10-26-20

TIME IN 11:52

DISPOSAL RECEIPT

33.99 344810 Andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294286

DISPOSAL RECEIPT

160	GROSS
39700	TARE
	NET

ACCT # 690468 JOB # 19175 MC
CONT # RBSU2001174
CITY
Andy 67

DATE: 10/26 20 20
TIME OUT
DATE: 10-26-20
TIME IN 10:43

33.23

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294285

DISPOSAL RECEIPT

780	GROSS
38880	TARE
	NET

ACCT # 690468 JOB # 19175 MC
CONT # RBSU2004335
CITY
Andy 67

DATE: 10/26 20 20
TIME OUT
DATE: 10/26/20
TIME IN 950am

36.95

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294284

3200	GROSS
3894D	TARE
	NET

ACCT # 640468 JOB # MC 19175

CONT # TRLU902875

CITY

67

DATE: 10-23 20 20

TIME OUT

DATE: 10/26/20

TIME IN 842am

Cindy

27.12

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 293649

DISPOSAL RECEIPT

41680	GROSS
38240	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU 435543

CITY 67

DATE: 10-27 20 20
12:22

TIME OUT

DATE: 10-27-20

TIME IN 1:21

Andy

31.72

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294264

DISPOSAL RECEIPT

42380	GROSS
38000	TARE
	NET

ACCT # 690248 JOB # MC 19175

CONT # TOLU468350

CITY 67

DATE: 10-27 20 20
10:34

TIME OUT

DATE: 10/27/20

TIME IN 12:13

Andy

21.33.19

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294263

DISPOSAL RECEIPT

98120	GROSS
37640	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU 440078

CITY Auburn

DATE: 10/27 20 20

TIME OUT

DATE: 10/27/20

TIME IN 1026am

35.84

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294262

DISPOSAL RECEIPT

96540	GROSS
39240	TARE
	NET

690468 MC

ACCT # ~~690468~~ JOB # 19175

CONT # RBSU 200428

CITY Auburn

DATE: 10/27 20 20

TIME OUT

DATE: 10/27/20

TIME IN 920am

28.65

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294261

DISPOSAL RECEIPT

136900	GROSS
94680	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # RBSU200273

CITY Andy 67

DATE: 10/27 20 20

TIME OUT

DATE: 10/27/20

TIME IN 930am

33.61 US

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294260

DISPOSAL RECEIPT

180060	GROSS
57720	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU466674

CITY Andy 67

DATE: 10/26 20 20

TIME OUT

DATE: 10/27/20

TIME IN 740am

28.17 TS

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 294243

DISPOSAL RECEIPT

65440	GROSS
39940	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLU 457207

CITY 67

DATE: 10-30 20 20

TIME OUT 1:48

DATE: 10/30/20

TIME IN 2:44

27.75 Andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

NOV 4

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 294242

DISPOSAL RECEIPT

90340	GROSS
98900	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # GCAU 433025

CITY Cindy 67

DATE: 10-30 20 20
11:45 am

TIME OUT

DATE: 10-30-20

TIME IN 1:35

27.75 25.00

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

NOV 4

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 293650

DISPOSAL RECEIPT

04640	GROSS
	TARE
39900	NET

ACCT # 690468 JOB # MC 19175

CONT # EGTU420223

CITY

DATE: 10/30 20 20

TIME OUT

DATE: 10-30-20

TIME IN 11:27

Andy 67

327.75

25.00

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

NON-

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 290295

DISPOSAL RECEIPT

03780	GROSS
40760	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # TCLU4241944

CITY

DATE: 10-20 20 20

12:26

TIME OUT

DATE: 10/30/20

TIME IN 924am

67

Andy

281.99

25

ISTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

NON-

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 293996

DISPOSAL RECEIPT

93000	GROSS
37000	TARE
	NET

ACCT # 690468 JOB # 19175 MC

CONT # RBSU 200297

CITY

DATE: 10/2/20

TIME OUT

TIME IN 755am

ADAM B. 67

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

OFFICE COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 294026

DISPOSAL RECEIPT

96200	GROSS
38100	TARE
	NET

ACCT # 690468 JOB # 19175 MC

CONT # TOLU 469190

CITY

DATE: 10/6/20

TIME OUT

TIME IN 756am

Adam 67

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

OFFICE COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 BE 294195

106540	GROSS
40020	TARE
	NET

ACCT # 690468 JOB # 19175 MC
CONT # AWIU8360
CITY
67
Adam

DATE: 10-8 20 20
TIME OUT 2:21
DATE: 10-8-20
TIME IN 3:17

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT
OFFICE COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 34 BDS 294214

100160	GROSS
40840	TARE
	NET

ACCT # 690468 JOB # 19175 MC
CONT # TOLU 424377
CITY
67
Adam

DATE: 10-9- 20 20
1141
TIME OUT
DATE: 10/09/20
TIME IN 2:18

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT
OFFICE COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # RI 18 294120

DISPOSAL RECEIPT

101680	GROSS
	TARE
38980	NET
31.35	

ACCT # 690468 JOB # MC 19175

CONT # GCEU431095

CITY 67

DATE: 11/11 2020

TIME OUT 3:15

DATE: 11/11/20

TIME IN 4:06

CUSTOMER # MT BAKER HOUSING

Andy

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # RE 18 294119

DISPOSAL RECEIPT

163360	GROSS
	TARE
37640	NET
32.86	

ACCT # 690468 JOB # MC 19175

CONT # GCEU430548

CITY 67

DATE: 11/11 2020

TIME OUT 2:08

DATE: 11/11/20

TIME IN 3:02

CUSTOMER # MT BAKER HOUSING

ANDY

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294250

DISPOSAL RECEIPT

10354	GROSS
38,740	TARE
	NET
32.40	

ACCT # 690468 JOB # MC 19175

CONT # GEEU4251 11

CITY 67

DATE: 11-11 20 20

TIME OUT 12:58

DATE: 11/11/20

TIME IN 9:00

Andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294249

DISPOSAL RECEIPT

10662	GROSS
38980	TARE
	NET
33.83	

ACCT # 690468 JOB # MC 19175

CONT # RBS4200432

CITY 67

DATE: 11/11 20 20

TIME OUT 11:47

DATE: 11/11/20

TIME IN 12:47

Andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294248

DISPOSAL RECEIPT

10620	GROSS
38460	TARE
33.83	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLL456990

CITY 67

DATE: 11-11 20 20

TIME OUT 10:43

DATE: 11/11/20

TIME IN

andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18RE 294247

DISPOSAL RECEIPT

11020	GROSS
39580	TARE
35.32	NET

ACCT # 690468 JOB # MC 19175

CONT # TOLL4241266

CITY 67

DATE: 20

TIME OUT

DATE: 11/11/20

TIME IN 10:35

andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18RE 294246

DISPOSAL RECEIPT

104600	GROSS
	TARE
37640	NET
33.48	

ACCT # 690468 JOB # MC 19175

CONT # GCEU400172

CITY 67

DATE: _____ 20___

TIME OUT _____

DATE: 11/11/20

TIME IN 9:28

Andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294245

DISPOSAL RECEIPT

107180	GROSS
	TARE
37980	NET
34.60	

ACCT # 690468 JOB # MC 19175

CONT # TDLU4685 14

CITY 67

DATE: _____ 20___

TIME OUT _____

DATE: 11/11/20

TIME IN 8:20

Andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 294297

DISPOSAL RECEIPT

90570	GROSS
39360	TARE
	NET
25.58	TONS

ACCT # 690468 JOB # MC 19175

CONT # TRLU9012 42

CITY

LT

DATE: 11-12 2020

TIME OUT 1:07

DATE: 11/12/20

TIME IN 2:20

Dave

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 294294

DISPOSAL RECEIPT

94680	GROSS
39480	TARE
	NET
27.6	TONS

ACCT # 690468 JOB # MC 19175

CONT # TOLU 468313

CITY

LT

DATE: 11-12 2020

TIME OUT

DATE: 11/12/20

TIME IN 1:17

Dave

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12RE 294292

DISPOSAL RECEIPT

86620	GROSS
39700	TARE
	NET
23.43	TONS

ACCT # 690468 JOB # MC 14175

CONT # TRLU900515

CITY 67

DATE: 11-12 20 20

TIME OUT 10:57

DATE: 11/12/20

TIME IN 12:12

Dave

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 294290

DISPOSAL RECEIPT

90780	GROSS
40800	TARE
	NET
25.20	TONS

ACCT # 690468 JOB # MC 14175

CONT # TOLU469915

CITY 67

DATE: 20

TIME OUT

DATE: 11/12/20

TIME IN 10:46

Dave

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 294122

DISPOSAL RECEIPT

101740	GROSS
43040	TARE
	NET
29.85	TONS

ACCT # 690468 JOB # MC 19175

CONT # RBSU 200158

CITY 67

DATE: _____ 20___

TIME OUT _____

DATE: 11/12/00

TIME IN 8:14

Dave

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12RE 294124

DISPOSAL RECEIPT

91980	GROSS
41000	TARE
	NET
24.96	TONS

ACCT # 690468 JOB # MC 19175

RBSU
CONT # 200377

CITY 67

DATE: _____ 20___

TIME OUT _____

DATE: 11/12/00

TIME IN 9:30

Dave

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 290758

DISPOSAL RECEIPT

114140	GROSS
	TARE
37,420	NET
38.36	

ACCT # 690468 JOB # 19175 MC
CONT # GCEU431326
CITY
67

DATE: 11-12 20 20
TIME OUT 2:04
DATE: 11.12.20
TIME IN 2:50

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

Andy

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294295

DISPOSAL RECEIPT

102180	GROSS
	TARE
38160	NET
32.01	

ACCT # 690468 JOB # 19175 MC
CONT # GCEU440198
CITY
67

DATE: 11-12 20 20
TIME OUT 1:09
DATE: 11/12/20
TIME IN 2:00

Andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 294293

DISPOSAL RECEIPT

97060	GROSS
38120	TARE
	NET
29.47	

ACCT # 690468 JOB # MC 19175
CONT # GCEU 431179
CITY 67

DATE: 11-12 20 20
TIME OUT 12:12
DATE: 11/12/20
TIME IN 1:00

Andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # RE 18 294291

DISPOSAL RECEIPT

108160	GROSS
40120	TARE
	NET
34.17	

ACCT # 690468 JOB # MC 19175
CONT # BBSU 200374
CITY 67

DATE: 11-12 20 20
TIME OUT 10:44
DATE:
TIME IN

Andy

Andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 81 JRE 294289

DISPOSAL RECEIPT

9950
3760 GROSS
TARE
NET
30.41

ACCT # 690468 JOB # MC 19175
CONT # GCEU 425209
CITY 67

DATE: 20
TIME OUT
DATE: 11/12/2020
TIME IN ~~10:25~~ 10.35

Load Andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18RE 294123

DISPOSAL RECEIPT

103800 GROSS
TARE
58940 NET
32.43

ACCT # 690468 JOB # MC 19175
CONT # TGLU467913
CITY 67

DATE: 20
TIME OUT
DATE: 11/12/2020
TIME IN 9:20 am

Andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # RL 18 294121

DISPOSAL RECEIPT

101740	GROSS
	TARE
39800	NET

ACCT # 690468 JOB # MC 18175

CONT # BBSU 200278

CITY 67

DATE: 11-11 2020

TIME OUT 4:20

DATE: 11/12/20

TIME IN 8:02

30.98

CUSTOMER # MT BAKER HOUSING

ANDY

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # RE 12 290945

DISPOSAL RECEIPT

99560	GROSS
	TARE
41,100	NET
29.23	TONS

ACCT # 690468 JOB # MC 19175

CONT # RBSU200269

CITY

67

DATE: 11-13 20 20

TIME OUT 1:20

DATE: 11/13/2020

TIME IN 2:03PM

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK. DAVE

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 290947

DISPOSAL RECEIPT

89140	GROSS
	TARE
40640	NET
24.25	TONS

ACCT # 690468 JOB # MC 19175

CONT # TGLU474109

CITY

67

DATE: 11.13.20

TIME OUT 12:23

DATE: 11-13-20

TIME IN 1:10 PM

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK. DAVE

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 290949

DISPOSAL RECEIPT

109,260	GROSS
40,740	TARE
34.26	NET TONS

ACCT # 690468 JOB # MC 19175

CONT # GCEU476890

CITY

DATE: 11/13 20 20

TIME OUT 11:15

DATE: 11/13/20

TIME IN 12:03

67

CUSTOMER # MT Baker Housing

DAVE

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12RE 290751

DISPOSAL RECEIPT

412440	GROSS
112020	TARE
34.29	NET TONS

ACCT # 690468 JOB # MC 19175

CONT # RRSU 201 313

CITY

DATE: 11-13 20 20

TIME OUT 11:03

DATE:

TIME IN

67

CUSTOMER # MT Baker Housing

DAVE

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12RE 290757

DISPOSAL RECEIPT

90360	GROSS
	TARE
41400	NET
24.48	TONS

ACCT # 690468 JOB # 19175 MC

CONT # AMIU8360

CITY

DATE: 11/12 20 20

TIME OUT 2:34

DATE:

TIME IN

C7

Dave

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12RE 290754

DISPOSAL RECEIPT

109380	GROSS
41180	TARE
	NET
34.07	TONS

ACCT # 690648 JOB # 19175 MC

CONT # CCEU 4322468

CITY

DATE: 20

TIME OUT

DATE: 11/13/20

TIME IN 9:52

C7

Dave

CUSTOMER # MT Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 290944

109020	GROSS
	TARE
41220	NET

ACCT #690468 JOB # MC 19175
CONT # AWLU2000018
CITY

DATE: 11-13 2020
TIME OUT 1:42
DATE: 11/13/20
TIME IN 2:32

67

Andy

33.90

CUSTOMER # MT BAKER HOUSING

A
NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 290946

93760	GROSS
	TARE
38400	NET

ACCT #690468 JOB # MC 19175
CONT # TCKU 459751
CITY

DATE: 11.13 2020
TIME OUT 12:44
DATE: 11/13/20
TIME IN 1:35

67

andy

27.68

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # RE18 290948

DISPOSAL RECEIPT

93500	GROSS
	TARE
38940	NET

ACCT # 6410468 JOB # MC 19175

CONT # GCEU 420366

CITY

67

DATE: 11-13 2020

TIME OUT 11:41

DATE: 11-13-20

TIME IN 12:28

27.28

CUSTOMER # Mt Baker Housing

Andy

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # RE 18 290950

DISPOSAL RECEIPT

109,960	GROSS
	TARE
40800	NET

ACCT # 6410468 JOB # MC 19175

CONT # RBSU 200369

CITY

67

DATE: 11-13 2020

TIME OUT 10:46

DATE: 11-13-20

TIME IN 11:34

34.58

CUSTOMER # Mt Baker Housing

Andy

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18RE 290755

91780
38940

GROSS	
TARE	
NET	

ACCT # 690468 JOB # 19175 MC

CONT # TOLU4578010

CITY

67

DATE: 20

TIME OUT

DATE: 11/13/20

TIME IN 9:01

DISPOSAL RECEIPT

30.42

Andy

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18RE 290753

107080
38940

GROSS	
TARE	
NET	

ACCT # 690468 JOB # 19175 MC

CONT # ECGU4206618

CITY

67

DATE: 20

TIME OUT

DATE: 11/13/20

TIME IN 10:19

DISPOSAL RECEIPT

34.04

Andy

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # RE 18 : 290756

DISPOSAL RECEIPT

107580	GROSS
	TARE
39500	NET

ACCT # 690468 JOB # 19175 MC

CONT # RBSU 200332

CITY

DATE: 11/12 20 20

TIME OUT 3:16

DATE: 11/13/20

TIME IN 8:00

34.04

CUSTOMER # Mt Baker Housing

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

Andy

CUSTOMER COPY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # RE12 290809

DISPOSAL RECEIPT

106600	GROSS
	TARE
40180	NET
33.21	TONS

ACCT # 690468 JOB # MC 19175
CONT # TOLL 458697
CITY
67

DATE: 11/16 20 20
TIME OUT 1:29
DATE: 11.16.20
TIME IN 2:40

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 TB 294301

DISPOSAL RECEIPT

101460	GROSS
40480	TARE
[illegible]	NET
30.49	TONS

ACCT # 690468 JOB # MC 19175
CONT # TOLL 456879
CITY
67

DATE: 11/16 20 20
TIME OUT 12:23
DATE: 11/16/20
TIME IN 1:10

Dave

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.
ANDY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 294239

DISPOSAL RECEIPT

100300	GROSS
-10360	TARE
	NET
29.97	TONS

ACCT # 690468 JOB # MC 19175

CONT # GCEU 431751

CITY 67

DATE: ____ 20__

TIME OUT ____

DATE: 11/16/2020

TIME IN 12:12

Dave

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 RE 294296

DISPOSAL RECEIPT

110040	GROSS
43200	TARE
	NET
33.42	TONS

ACCT # 690468 JOB # MC 19175

CONT # GCEU ~~[illegible]~~

CITY 435871 67

DATE: ____ 20__

TIME OUT ____

DATE: 11/16/2020

TIME IN 10:52

Dave

L.

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 290943

DISPOSAL RECEIPT

108720
111900

GROSS	
TARE	
NET	
33.41	TONS

ACCT # 690468 JOB # MC 19175

CONT # AWIN 8014

CITY

DATE: 20

TIME OUT

DATE: 11/16/2020

67 TIME IN 8:05

Dave

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 12 290940

DISPOSAL RECEIPT

96960
40340

GROSS	
TARE	
NET	
28.31	TONS

ACCT # 690468 JOB # MC 19175

CONT # TOLU4506419

CITY

DATE: 20

TIME OUT

DATE: 11/16/2020

67 TIME IN 9:30

Dave

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # RE18 290811

103480	GROSS
	TARE
37780	NET

ACCT # 690468 JOB # MC 19175
CONT # TOLU 981258
CITY
67

DATE: 11-16 20 20
TIME OUT 2:10
DATE: 11/16/20
TIME IN

32.32

andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

CUSTOMER COPY

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 290808

100740	GROSS
	TARE
39820	NET

ACCT # 690468 JOB # MC 19175
CONT # R1254 200201
CITY
67

DATE: 11/16 20 20
TIME OUT 12:52
DATE: 11/16/20
TIME IN 1:58

30.46

andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

DISPOSAL RECEIPT

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # RE 18 294298

DISPOSAL RECEIPT

96260
37800

GROSS	
TARE	
NET	

ACCT # 690468 JOB # MC 19175

CONT # GRCU 425043

CITY GT

DATE: 10:16 20 20

TIME OUT 11:

DATE: 11/16/20

TIME IN 11:31

29.23

CUSTOMER # MT BAKER HOUSING

Andy

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 294300

DISPOSAL RECEIPT

103960
136930

GROSS	
TARE	39340
NET	

ACCT # 690468 JOB # MC 19175

CONT # RBAU20D3564

CITY GT

DATE: 11/16/20

TIME IN 12:42

Andy

32.31

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 290939

DISPOSAL RECEIPT

41060	GROSS
	TARE
101,760	NET

ACCT # 690468 JOB # MC 19175
CONT # GCEU 4120049
CITY

DATE: 11/16/ 20 20
TIME OUT ~~12:15~~
DATE: 11/16/2020
TIME IN 10:15

67

Andy

30.35

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 290941

DISPOSAL RECEIPT

97900	GROSS
37810	TARE
	NET

ACCT # 690468 JOB # MC 19175
CONT # GGEU 4351414
CITY

DATE: 20
TIME OUT
DATE: 11/16/2020
TIME IN 9:01

67

Andy

30.03

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 290942

DISPOSAL RECEIPT

10512	GROSS
	TARE
7834	NET

ACCT # 690468 JOB # 19175 MC

CONT # TOLU4675586

CITY

DATE: 11-13 2020

TIME OUT 2:45

DATE: 11/16/20

TIME IN 7:57

67

Andy

33.39

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

DISPOSAL RECEIPT

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # RE 18 290816

96760	GROSS
39200	TARE
	NET

ACCT # 696468 JOB # MC 19175
CONT # TCLU 1158407
CITY
67

DATE: 11/17 2020
TIME OUT 1:18
DATE: 11/17/20
TIME IN ~~1:18PM~~ 2:44

28.78

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.
ANDY

DISPOSAL RECEIPT

RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18 RE 290814

103,580	GROSS
39200	TARE
64380	NET

ACCT # 696468 JOB # MC 19175
CONT # GCFU 1135390
CITY
67

DATE: 11/17 2020
TIME OUT 11:50
DATE: 11/17/20
TIME IN 9:36 am

32.19

Andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18RE 290815

DISPOSAL RECEIPT

103300	GROSS
	TARE
38560	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU425990

CITY 67

DATE: 11/17 20 20

TIME OUT 12:08

DATE: 11-17-20

TIME IN 1':10

32.37

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

ANDY

RABANCO COMPANY

2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18RE 290812

DISPOSAL RECEIPT

98820	GROSS
38520	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU425001

CITY 67

DATE: 20

TIME OUT

DATE: 11/17/2020

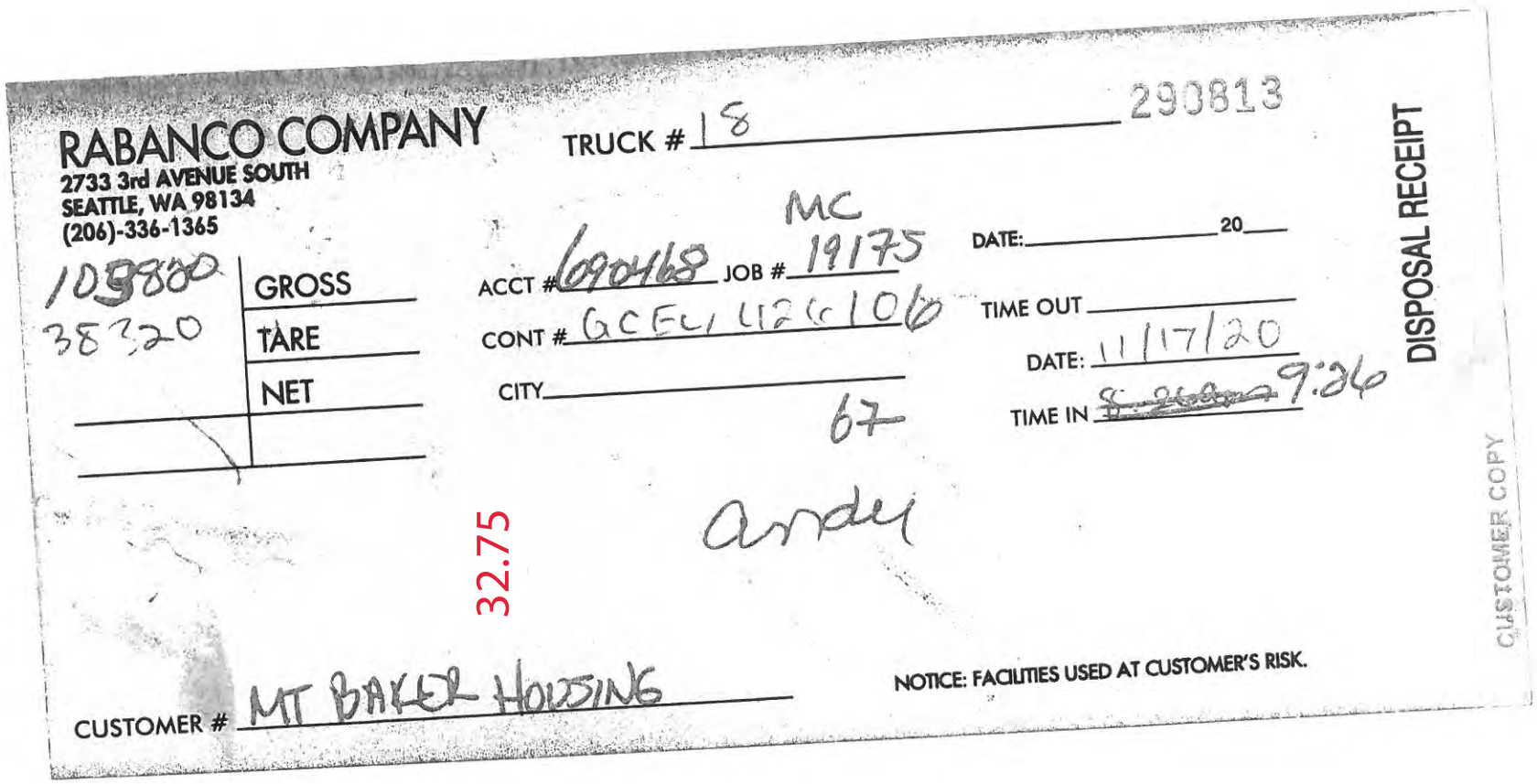
TIME IN ~~2:39~~ 8:16

29.85

Andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.



RABANCO COMPANY
2733 3rd AVENUE SOUTH
SEATTLE, WA 98134
(206)-336-1365

TRUCK # 18

290813

DISPOSAL RECEIPT

109880	GROSS
38320	TARE
	NET

ACCT # 690468 JOB # MC 19175

CONT # GCEU 412106

CITY 67

DATE: 20

TIME OUT

DATE: 11/17/20

TIME IN ~~8:26~~ 9:26

32.75

andy

CUSTOMER # MT BAKER HOUSING

NOTICE: FACILITIES USED AT CUSTOMER'S RISK.

CUSTOMER COPY

APPENDIX H

Maddux South – Laboratory Analytical Reports

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux South
Work Order Number: 2009528

October 06, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 4 sample(s) on 9/29/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/06/2020*

CLIENT: Aspect Consulting
Project: Maddux South
Work Order: 2009528

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2009528-001	SW-P32-60-S	09/28/2020 7:25 AM	09/29/2020 8:54 AM
2009528-002	SW-P34-60-S	09/28/2020 7:35 AM	09/29/2020 8:54 AM
2009528-003	SP-P4.5-64-S	09/29/2020 8:10 AM	09/29/2020 8:54 AM
2009528-004	Trip Blank	09/22/2020 12:57 PM	09/29/2020 8:54 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2009528**
Date: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2009528**
Date Reported: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2009528-001 **Collection Date:** 9/28/2020 7:25:00 AM
Client Sample ID: **SW-P32-60-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29862		Analyst: DW
Diesel (Fuel Oil)	ND	20.5		mg/Kg-dry	1	10/1/2020 4:32:30 PM
Heavy Oil	ND	51.4		mg/Kg-dry	1	10/1/2020 4:32:30 PM
Surr: 2-Fluorobiphenyl	83.0	50 - 150		%Rec	1	10/1/2020 4:32:30 PM
Surr: o-Terphenyl	76.6	50 - 150		%Rec	1	10/1/2020 4:32:30 PM
Gasoline by NWTPH-Gx				Batch ID: 29859		Analyst: CR
Gasoline	ND	5.04		mg/Kg-dry	1	10/1/2020 8:59:48 AM
Surr: Toluene-d8	100	65 - 135		%Rec	1	10/1/2020 8:59:48 AM
Surr: 4-Bromofluorobenzene	90.4	65 - 135		%Rec	1	10/1/2020 8:59:48 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29859		Analyst: CR
Vinyl chloride	ND	0.0202		mg/Kg-dry	1	10/1/2020 8:59:48 AM
1,1-Dichloroethene	ND	0.0202		mg/Kg-dry	1	10/1/2020 8:59:48 AM
trans-1,2-Dichloroethene	ND	0.0202		mg/Kg-dry	1	10/1/2020 8:59:48 AM
cis-1,2-Dichloroethene	ND	0.0202		mg/Kg-dry	1	10/1/2020 8:59:48 AM
Benzene	ND	0.0202		mg/Kg-dry	1	10/1/2020 8:59:48 AM
Trichloroethene (TCE)	ND	0.0202		mg/Kg-dry	1	10/1/2020 8:59:48 AM
Toluene	ND	0.0202		mg/Kg-dry	1	10/1/2020 8:59:48 AM
Tetrachloroethene (PCE)	ND	0.0202		mg/Kg-dry	1	10/1/2020 8:59:48 AM
Ethylbenzene	ND	0.0252		mg/Kg-dry	1	10/1/2020 8:59:48 AM
m,p-Xylene	ND	0.0504		mg/Kg-dry	1	10/1/2020 8:59:48 AM
o-Xylene	ND	0.0252		mg/Kg-dry	1	10/1/2020 8:59:48 AM
Surr: Dibromofluoromethane	96.6	85.2 - 113		%Rec	1	10/1/2020 8:59:48 AM
Surr: Toluene-d8	98.0	88.5 - 110		%Rec	1	10/1/2020 8:59:48 AM
Surr: 1-Bromo-4-fluorobenzene	95.6	88.6 - 109		%Rec	1	10/1/2020 8:59:48 AM
Sample Moisture (Percent Moisture)				Batch ID: R62170		Analyst: LB
Percent Moisture	9.04	0.500		wt%	1	9/29/2020 10:43:05 AM

Analytical Report

Work Order: **2009528**
Date Reported: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2009528-002 **Collection Date:** 9/28/2020 7:35:00 AM
Client Sample ID: **SW-P34-60-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29862		Analyst: DW
Diesel (Fuel Oil)	ND	21.0		mg/Kg-dry	1	10/2/2020 11:04:58 AM
Heavy Oil	ND	52.4		mg/Kg-dry	1	10/2/2020 11:04:58 AM
Surr: 2-Fluorobiphenyl	83.5	50 - 150		%Rec	1	10/2/2020 11:04:58 AM
Surr: o-Terphenyl	77.7	50 - 150		%Rec	1	10/2/2020 11:04:58 AM
Gasoline by NWTPH-Gx				Batch ID: 29859		Analyst: CR
Gasoline	ND	5.23		mg/Kg-dry	1	10/1/2020 4:32:08 PM
Surr: Toluene-d8	99.9	65 - 135		%Rec	1	10/1/2020 4:32:08 PM
Surr: 4-Bromofluorobenzene	90.7	65 - 135		%Rec	1	10/1/2020 4:32:08 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29859		Analyst: CR
Vinyl chloride	ND	0.0209		mg/Kg-dry	1	10/1/2020 4:32:08 PM
1,1-Dichloroethene	ND	0.0209		mg/Kg-dry	1	10/1/2020 4:32:08 PM
trans-1,2-Dichloroethene	ND	0.0209		mg/Kg-dry	1	10/1/2020 4:32:08 PM
cis-1,2-Dichloroethene	ND	0.0209		mg/Kg-dry	1	10/1/2020 4:32:08 PM
Benzene	ND	0.0209		mg/Kg-dry	1	10/1/2020 4:32:08 PM
Trichloroethene (TCE)	ND	0.0209		mg/Kg-dry	1	10/1/2020 4:32:08 PM
Toluene	ND	0.0209		mg/Kg-dry	1	10/1/2020 4:32:08 PM
Tetrachloroethene (PCE)	ND	0.0209		mg/Kg-dry	1	10/1/2020 4:32:08 PM
Ethylbenzene	ND	0.0261		mg/Kg-dry	1	10/1/2020 4:32:08 PM
m,p-Xylene	ND	0.0523		mg/Kg-dry	1	10/1/2020 4:32:08 PM
o-Xylene	ND	0.0261		mg/Kg-dry	1	10/1/2020 4:32:08 PM
Surr: Dibromofluoromethane	98.5	85.2 - 113		%Rec	1	10/1/2020 4:32:08 PM
Surr: Toluene-d8	98.5	88.5 - 110		%Rec	1	10/1/2020 4:32:08 PM
Surr: 1-Bromo-4-fluorobenzene	96.2	88.6 - 109		%Rec	1	10/1/2020 4:32:08 PM
Sample Moisture (Percent Moisture)				Batch ID: R62170		Analyst: LB
Percent Moisture	10.7	0.500		wt%	1	9/29/2020 10:43:05 AM

Analytical Report

Work Order: **2009528**
Date Reported: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2009528-003 **Collection Date:** 9/29/2020 8:10:00 AM
Client Sample ID: **SP-P4.5-64-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29833		Analyst: DW
Diesel (Fuel Oil)	ND	21.5		mg/Kg-dry	1	9/29/2020 5:47:11 PM
Heavy Oil	ND	53.7		mg/Kg-dry	1	9/29/2020 5:47:11 PM
Surr: 2-Fluorobiphenyl	83.1	50 - 150		%Rec	1	9/29/2020 5:47:11 PM
Surr: o-Terphenyl	78.5	50 - 150		%Rec	1	9/29/2020 5:47:11 PM
Gasoline by NWTPH-Gx				Batch ID: 29825		Analyst: CR
Gasoline	7.30	5.45		mg/Kg-dry	1	9/29/2020 6:33:23 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	9/29/2020 6:33:23 PM
Surr: 4-Bromofluorobenzene	92.6	65 - 135		%Rec	1	9/29/2020 6:33:23 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29825		Analyst: CR
Benzene	0.0695	0.0218		mg/Kg-dry	1	9/29/2020 6:33:23 PM
Toluene	0.776	0.0218	*	mg/Kg-dry	1	9/29/2020 6:33:23 PM
Ethylbenzene	0.134	0.0273		mg/Kg-dry	1	9/29/2020 6:33:23 PM
m,p-Xylene	0.574	0.0545		mg/Kg-dry	1	9/29/2020 6:33:23 PM
o-Xylene	0.232	0.0273		mg/Kg-dry	1	9/29/2020 6:33:23 PM
Surr: Dibromofluoromethane	97.1	85.2 - 113		%Rec	1	9/29/2020 6:33:23 PM
Surr: Toluene-d8	98.4	88.5 - 110		%Rec	1	9/29/2020 6:33:23 PM
Surr: 1-Bromo-4-fluorobenzene	97.4	88.6 - 109		%Rec	1	9/29/2020 6:33:23 PM
Sample Moisture (Percent Moisture)				Batch ID: R62170		Analyst: LB
Percent Moisture	11.9	0.500		wt%	1	9/29/2020 10:43:05 AM

NOTES:
* - Flagged value is not within established control limits.

Analytical Report

Work Order: **2009528**
Date Reported: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2009528-004 **Collection Date:** 9/22/2020 12:57:00 PM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Gasoline by NWTPH-Gx				Batch ID: 29859		Analyst: CR
Gasoline	ND	5.00		mg/Kg	1	10/1/2020 4:01:58 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/1/2020 4:01:58 PM
Surr: 4-Bromofluorobenzene	89.7	65 - 135		%Rec	1	10/1/2020 4:01:58 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29859		Analyst: CR
Vinyl chloride	ND	0.0200		mg/Kg	1	10/1/2020 4:01:58 PM
1,1-Dichloroethene	ND	0.0200		mg/Kg	1	10/1/2020 4:01:58 PM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/1/2020 4:01:58 PM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/1/2020 4:01:58 PM
Benzene	ND	0.0200		mg/Kg	1	10/1/2020 4:01:58 PM
Trichloroethene (TCE)	ND	0.0200		mg/Kg	1	10/1/2020 4:01:58 PM
Toluene	ND	0.0200		mg/Kg	1	10/1/2020 4:01:58 PM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg	1	10/1/2020 4:01:58 PM
Ethylbenzene	ND	0.0250		mg/Kg	1	10/1/2020 4:01:58 PM
m,p-Xylene	ND	0.0500		mg/Kg	1	10/1/2020 4:01:58 PM
o-Xylene	ND	0.0250		mg/Kg	1	10/1/2020 4:01:58 PM
Surr: Dibromofluoromethane	96.2	85.2 - 113		%Rec	1	10/1/2020 4:01:58 PM
Surr: Toluene-d8	97.8	88.5 - 110		%Rec	1	10/1/2020 4:01:58 PM
Surr: 1-Bromo-4-fluorobenzene	95.1	88.6 - 109		%Rec	1	10/1/2020 4:01:58 PM

Work Order: 2009528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-29833**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **9/29/2020**		RunNo: **62188**		
Client ID: **MBLKS**	Batch ID: **29833**					Analysis Date: **9/29/2020**		SeqNo: **1247511**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	15.8		20.00		79.1	50	150				
Surr: o-Terphenyl	14.8		20.00		74.1	50	150				

Sample ID: **LCS-29833**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **9/29/2020**		RunNo: **62188**		
Client ID: **LCSS**	Batch ID: **29833**					Analysis Date: **9/29/2020**		SeqNo: **1247512**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	425	20.0	500.0	0	85.0	65	135				
Surr: 2-Fluorobiphenyl	15.4		20.00		76.9	50	150				
Surr: o-Terphenyl	16.5		20.00		82.3	50	150				

Sample ID: **2009520-001AMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **9/29/2020**		RunNo: **62188**		
Client ID: **BATCH**	Batch ID: **29833**					Analysis Date: **9/29/2020**		SeqNo: **1247888**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	412	19.7	492.9	0	83.5	65	135				
Surr: 2-Fluorobiphenyl	14.8		19.72		75.1	50	150				
Surr: o-Terphenyl	15.7		19.72		79.9	50	150				

Sample ID: **2009520-001AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**		Prep Date: **9/29/2020**		RunNo: **62188**		
Client ID: **BATCH**	Batch ID: **29833**					Analysis Date: **9/29/2020**		SeqNo: **1247889**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	430	19.6	490.6	0	87.7	65	135	411.7	4.39	30	
Surr: 2-Fluorobiphenyl	14.6		19.62		74.4	50	150		0		
Surr: o-Terphenyl	15.8		19.62		80.5	50	150		0		

Work Order: 2009528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2009487-007ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/29/2020** RunNo: **62188**
Client ID: **BATCH** Batch ID: **29833** Analysis Date: **9/29/2020** SeqNo: **1247892**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	21.0						71.13	4.79	30	
Diesel Range Organics (C12-C24)	67.8	21.0						71.13	4.79	30	
Heavy Oil	124	52.4						155.8	22.7	30	
Surr: 2-Fluorobiphenyl	16.8		20.96		80.1	50	150		0		
Surr: o-Terphenyl	15.7		20.96		74.8	50	150		0		

NOTES:
Diesel Range Organics - Indicates unresolved compounds in the Diesel range inconsistent with a known petroleum standard.

Sample ID: **MB-29862** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/1/2020** RunNo: **62265**
Client ID: **MBLKS** Batch ID: **29862** Analysis Date: **10/1/2020** SeqNo: **1249177**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	16.3		20.00		81.4	50	150				
Surr: o-Terphenyl	15.0		20.00		74.9	50	150				

Sample ID: **LCS-29862** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/1/2020** RunNo: **62265**
Client ID: **LCSS** Batch ID: **29862** Analysis Date: **10/1/2020** SeqNo: **1249181**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	412	20.0	500.0	0	82.4	65	135				
Surr: 2-Fluorobiphenyl	16.9		20.00		84.5	50	150				
Surr: o-Terphenyl	18.0		20.00		90.3	50	150				

Sample ID: **2009528-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/1/2020** RunNo: **62265**
Client ID: **SW-P32-60-S** Batch ID: **29862** Analysis Date: **10/1/2020** SeqNo: **1249498**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	479	21.6	541.1	0	88.4	65	135				

Work Order: 2009528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2009528-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/1/2020** RunNo: **62265**
Client ID: **SW-P32-60-S** Batch ID: **29862** Analysis Date: **10/1/2020** SeqNo: **1249498**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2-Fluorobiphenyl	17.2		21.64		79.3	50	150				
Surr: o-Terphenyl	18.9		21.64		87.2	50	150				

Sample ID: **2009528-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/1/2020** RunNo: **62265**
Client ID: **SW-P32-60-S** Batch ID: **29862** Analysis Date: **10/1/2020** SeqNo: **1249499**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	511	21.9	548.6	0	93.2	65	135	478.5	6.57	30	
Surr: 2-Fluorobiphenyl	18.9		21.94		86.0	50	150		0		
Surr: o-Terphenyl	20.3		21.94		92.7	50	150		0		

Work Order: 2009528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-29825**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **9/29/2020**	RunNo: **62196**
Client ID: **LCSS**	Batch ID: **29825**		Analysis Date: **9/29/2020**	SeqNo: **1247651**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	30.1	5.00	25.00	0	120	65	135				
Surr: Toluene-d8	1.26		1.250		101	65	135				
Surr: 4-Bromofluorobenzene	1.20		1.250		95.8	65	135				

Sample ID: **LCSD-29825**	SampType: **LCSD**	Units: **mg/Kg**	Prep Date: **9/29/2020**	RunNo: **62196**
Client ID: **LCSS02**	Batch ID: **29825**		Analysis Date: **9/29/2020**	SeqNo: **1247652**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	25.3	5.00	25.00	0	101	65	135	30.09	17.3	20	
Surr: Toluene-d8	1.27		1.250		101	65	135		0		
Surr: 4-Bromofluorobenzene	1.20		1.250		95.7	65	135		0		

Sample ID: **MB-29825**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **9/29/2020**	RunNo: **62196**
Client ID: **MBLKS**	Batch ID: **29825**		Analysis Date: **9/29/2020**	SeqNo: **1247653**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.26		1.250		101	65	135				
Surr: 4-Bromofluorobenzene	1.15		1.250		91.9	65	135				

Sample ID: **2009520-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **9/29/2020**	RunNo: **62196**
Client ID: **BATCH**	Batch ID: **29825**		Analysis Date: **9/29/2020**	SeqNo: **1247647**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.46						0		30	
Surr: Toluene-d8	1.37		1.364		100	65	135		0		
Surr: 4-Bromofluorobenzene	1.27		1.364		93.3	65	135		0		

Work Order: 2009528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-29859**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/1/2020**	RunNo: **62272**
Client ID: **LCSS**	Batch ID: **29859**		Analysis Date: **10/1/2020**	SeqNo: **1249333**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	24.2	5.00	25.00	0	96.7	65	135				
Surr: Toluene-d8	1.24		1.250		99.6	65	135				
Surr: 4-Bromofluorobenzene	1.18		1.250		94.5	65	135				

Sample ID: **MB-29859**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/1/2020**	RunNo: **62272**
Client ID: **MBLKS**	Batch ID: **29859**		Analysis Date: **10/1/2020**	SeqNo: **1249335**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.26		1.250		101	65	135				
Surr: 4-Bromofluorobenzene	1.14		1.250		90.9	65	135				

Sample ID: **2009528-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/1/2020**	RunNo: **62272**
Client ID: **SW-P32-60-S**	Batch ID: **29859**		Analysis Date: **10/1/2020**	SeqNo: **1249324**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.04						0		30	
Surr: Toluene-d8	1.27		1.260		101	65	135		0		
Surr: 4-Bromofluorobenzene	1.14		1.260		90.7	65	135		0		

Sample ID: **2009500-003BMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **10/1/2020**	RunNo: **62272**
Client ID: **BATCH**	Batch ID: **29859**		Analysis Date: **10/1/2020**	SeqNo: **1249321**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	21.5	4.87	24.37	0	88.0	65	135				
Surr: Toluene-d8	1.23		1.219		101	65	135				
Surr: 4-Bromofluorobenzene	1.15		1.219		94.6	65	135				

Work Order: 2009528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2009500-003BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/1/2020** RunNo: **62272**
Client ID: **BATCH** Batch ID: **29859** Analysis Date: **10/1/2020** SeqNo: **1249322**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	23.3	4.87	24.37	0	95.6	65	135	21.46	8.20	30	
Surr: Toluene-d8	1.23		1.219		101	65	135		0		
Surr: 4-Bromofluorobenzene	1.15		1.219		94.1	65	135		0		

Sample ID: **2009500-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/1/2020** RunNo: **62272**
Client ID: **BATCH** Batch ID: **29859** Analysis Date: **10/1/2020** SeqNo: **1249431**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.82						0		30	
Surr: Toluene-d8	1.19		1.204		99.2	65	135		0		
Surr: 4-Bromofluorobenzene	1.07		1.204		89.0	65	135		0		

Work Order: 2009528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29825** SampType: **LCS** Units: **mg/Kg** Prep Date: **9/29/2020** RunNo: **62195**
Client ID: **LCSS** Batch ID: **29825** Analysis Date: **9/29/2020** SeqNo: **1247636**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.14	0.0200	1.000	0	114	79.4	116				
Toluene	1.16	0.0200	1.000	0	116	80.5	115				S
Ethylbenzene	1.06	0.0250	1.000	0	106	81.6	116				
m,p-Xylene	2.08	0.0500	2.000	0	104	83.2	115				
o-Xylene	1.02	0.0250	1.000	0	102	82.5	114				
Surr: Dibromofluoromethane	1.25		1.250		100	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.5	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.08		1.250		86.2	88.6	109				S

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.
S - Outlying surrogate recovery(ies) observed.

Sample ID: **MB-29825** SampType: **MBLK** Units: **mg/Kg** Prep Date: **9/29/2020** RunNo: **62195**
Client ID: **MBLKS** Batch ID: **29825** Analysis Date: **9/29/2020** SeqNo: **1247637**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0200									
Toluene	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Surr: Dibromofluoromethane	1.22		1.250		97.5	85.2	113				
Surr: Toluene-d8	1.22		1.250		97.8	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.21		1.250		96.9	88.6	109				

Sample ID: **2009520-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/29/2020** RunNo: **62195**
Client ID: **BATCH** Batch ID: **29825** Analysis Date: **9/29/2020** SeqNo: **1247630**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0218						0		30	

Work Order: 2009528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009520-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **9/29/2020** RunNo: **62195**
Client ID: **BATCH** Batch ID: **29825** Analysis Date: **9/29/2020** SeqNo: **1247630**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	ND	0.0218						0		30	
Ethylbenzene	ND	0.0273						0		30	
m,p-Xylene	ND	0.0546						0		30	
o-Xylene	ND	0.0273						0		30	
Surr: Dibromofluoromethane	1.33		1.364		97.8	85.2	113		0		
Surr: Toluene-d8	1.35		1.364		99.1	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.34		1.364		98.5	88.6	109		0		

Sample ID: **2009520-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **9/29/2020** RunNo: **62195**
Client ID: **BATCH** Batch ID: **29825** Analysis Date: **9/29/2020** SeqNo: **1247632**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.994	0.0208	1.039	0	95.7	74.6	126				
Toluene	1.03	0.0208	1.039	0	99.1	72.6	127				
Ethylbenzene	1.08	0.0260	1.039	0	104	77.3	126				
m,p-Xylene	2.15	0.0520	2.078	0	103	78.5	126				
o-Xylene	1.04	0.0260	1.039	0	100	79.4	123				
Surr: Dibromofluoromethane	1.30		1.299		99.8	85.2	113				
Surr: Toluene-d8	1.28		1.299		98.2	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.27		1.299		97.6	88.6	109				

Sample ID: **2009520-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **9/29/2020** RunNo: **62195**
Client ID: **BATCH** Batch ID: **29825** Analysis Date: **9/29/2020** SeqNo: **1247633**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.979	0.0208	1.039	0	94.2	74.6	126	0.9944	1.61	30	
Toluene	1.00	0.0208	1.039	0	96.6	72.6	127	1.030	2.53	30	
Ethylbenzene	1.06	0.0260	1.039	0	102	77.3	126	1.080	1.66	30	
m,p-Xylene	2.10	0.0520	2.078	0	101	78.5	126	2.145	2.31	30	

Work Order: 2009528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009520-002BMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **9/29/2020**	RunNo: **62195**
Client ID: **BATCH**	Batch ID: **29825**		Analysis Date: **9/29/2020**	SeqNo: **1247633**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	1.03	0.0260	1.039	0	98.7	79.4	123	1.044	1.74	30	
Surr: Dibromofluoromethane	1.29		1.299		99.5	85.2	113		0		
Surr: Toluene-d8	1.28		1.299		98.5	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.28		1.299		98.2	88.6	109		0		

Sample ID: **LCS-29859**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/1/2020**	RunNo: **62271**
Client ID: **LCSS**	Batch ID: **29859**		Analysis Date: **10/1/2020**	SeqNo: **1249318**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.857	0.0200	1.000	0	85.7	66	131				
1,1-Dichloroethene	0.933	0.0200	1.000	0	93.3	63.4	139				
trans-1,2-Dichloroethene	0.942	0.0200	1.000	0	94.2	80.5	116				
cis-1,2-Dichloroethene	0.942	0.0200	1.000	0	94.2	81.8	114				
Benzene	0.936	0.0200	1.000	0	93.6	79.4	116				
Trichloroethene (TCE)	0.945	0.0200	1.000	0	94.5	80.8	117				
Toluene	0.955	0.0200	1.000	0	95.5	80.5	115				
Tetrachloroethene (PCE)	0.999	0.0200	1.000	0	99.9	81.8	116				
Ethylbenzene	0.989	0.0250	1.000	0	98.9	81.6	116				
m,p-Xylene	1.97	0.0500	2.000	0	98.6	83.2	115				
o-Xylene	0.961	0.0250	1.000	0	96.1	82.5	114				
Surr: Dibromofluoromethane	1.24		1.250		99.4	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.6	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.22		1.250		97.8	88.6	109				

Sample ID: **MB-29859**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/1/2020**	RunNo: **62271**
Client ID: **MBLKS**	Batch ID: **29859**		Analysis Date: **10/1/2020**	SeqNo: **1249319**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									

Work Order: 2009528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29859** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/1/2020** RunNo: **62271**
Client ID: **MBLKS** Batch ID: **29859** Analysis Date: **10/1/2020** SeqNo: **1249319**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Surr: Dibromofluoromethane	1.18		1.250		94.6	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.3	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		96.3	88.6	109				

Sample ID: **2009528-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/1/2020** RunNo: **62271**
Client ID: **SW-P32-60-S** Batch ID: **29859** Analysis Date: **10/1/2020** SeqNo: **1249311**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0202						0		30	
1,1-Dichloroethene	ND	0.0202						0		30	
trans-1,2-Dichloroethene	ND	0.0202						0		30	
cis-1,2-Dichloroethene	ND	0.0202						0		30	
Benzene	ND	0.0202						0		30	
Trichloroethene (TCE)	ND	0.0202						0		30	
Toluene	ND	0.0202						0		30	
Tetrachloroethene (PCE)	ND	0.0202						0		30	
Ethylbenzene	ND	0.0252						0		30	
m,p-Xylene	ND	0.0504						0		30	
o-Xylene	ND	0.0252						0		30	
Surr: Dibromofluoromethane	1.21		1.260		96.2	85.2	113		0		

Work Order: 2009528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009528-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/1/2020** RunNo: **62271**
Client ID: **SW-P32-60-S** Batch ID: **29859** Analysis Date: **10/1/2020** SeqNo: **1249311**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	1.23		1.260		97.4	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.21		1.260		96.1	88.6	109		0		

Sample ID: **2009562-001BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/1/2020** RunNo: **62271**
Client ID: **BATCH** Batch ID: **29859** Analysis Date: **10/1/2020** SeqNo: **1249314**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	9.61	0.203	10.15	0	94.8	52.8	150				D
1,1-Dichloroethene	10.4	0.203	10.15	0	103	62.9	149				D
trans-1,2-Dichloroethene	10.0	0.203	10.15	0	98.5	73.1	130				D
cis-1,2-Dichloroethene	10.0	0.203	10.15	0	99.0	77.5	125				D
Benzene	10.0	0.203	10.15	0	98.9	74.6	126				D
Trichloroethene (TCE)	10.1	0.203	10.15	0	99.5	72	133				D
Toluene	10.9	0.203	10.15	0.5449	102	72.6	127				D
Tetrachloroethene (PCE)	10.5	0.203	10.15	0	104	72.7	128				D
Ethylbenzene	11.3	0.254	10.15	0.6534	105	77.3	126				D
m,p-Xylene	25.0	0.507	20.29	3.897	104	78.5	126				D
o-Xylene	12.5	0.254	10.15	2.023	103	79.4	123				D
Surr: Dibromofluoromethane	13.1		12.68		103	85.2	113				D
Surr: Toluene-d8	12.6		12.68		99.4	88.5	110				D
Surr: 1-Bromo-4-fluorobenzene	12.5		12.68		98.3	88.6	109				D

Sample ID: **2009562-001BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/1/2020** RunNo: **62271**
Client ID: **BATCH** Batch ID: **29859** Analysis Date: **10/1/2020** SeqNo: **1249315**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	9.61	0.203	10.15	0	94.7	52.8	150	9.614	0.0188	30	D
1,1-Dichloroethene	10.3	0.203	10.15	0	101	62.9	149	10.43	1.64	30	D
trans-1,2-Dichloroethene	9.90	0.203	10.15	0	97.6	73.1	130	9.997	0.951	30	D

Work Order: 2009528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009562-001BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/1/2020** RunNo: **62271**
Client ID: **BATCH** Batch ID: **29859** Analysis Date: **10/1/2020** SeqNo: **1249315**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	9.91	0.203	10.15	0	97.7	77.5	125	10.04	1.31	30	D
Benzene	9.89	0.203	10.15	0	97.5	74.6	126	10.03	1.46	30	D
Trichloroethene (TCE)	9.94	0.203	10.15	0	97.9	72	133	10.10	1.60	30	D
Toluene	10.8	0.203	10.15	0.5449	101	72.6	127	10.92	1.34	30	D
Tetrachloroethene (PCE)	10.6	0.203	10.15	0	105	72.7	128	10.54	0.839	30	D
Ethylbenzene	11.2	0.254	10.15	0.6534	104	77.3	126	11.33	0.932	30	D
m,p-Xylene	24.7	0.507	20.29	3.897	102	78.5	126	25.04	1.43	30	D
o-Xylene	12.3	0.254	10.15	2.023	101	79.4	123	12.49	1.74	30	D
Surr: Dibromofluoromethane	12.9		12.68		101	85.2	113		0		D
Surr: Toluene-d8	12.4		12.68		97.9	88.5	110		0		D
Surr: 1-Bromo-4-fluorobenzene	12.4		12.68		97.9	88.6	109		0		D

Sample ID: **2009500-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/1/2020** RunNo: **62271**
Client ID: **BATCH** Batch ID: **29859** Analysis Date: **10/1/2020** SeqNo: **1249413**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0193						0		30	
1,1-Dichloroethene	ND	0.0193						0		30	
trans-1,2-Dichloroethene	ND	0.0193						0		30	
cis-1,2-Dichloroethene	ND	0.0193						0		30	
Benzene	ND	0.0193						0		30	
Trichloroethene (TCE)	ND	0.0193						0		30	
Toluene	ND	0.0193						0		30	
Tetrachloroethene (PCE)	ND	0.0193						0		30	
Ethylbenzene	ND	0.0241						0		30	
m,p-Xylene	ND	0.0482						0		30	
o-Xylene	ND	0.0241						0		30	
Surr: Dibromofluoromethane	1.17		1.204		97.0	85.2	113		0		
Surr: Toluene-d8	1.20		1.204		99.3	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.14		1.204		94.3	88.6	109		0		

Work Order: 2009528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009500-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/1/2020** RunNo: **62271**
Client ID: **BATCH** Batch ID: **29859** Analysis Date: **10/1/2020** SeqNo: **1249413**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2009528**
Logged by:	**Matt Langston**	Date Received:	**9/29/2020 8:54:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI		

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
9.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
10.	Are samples properly preserved?	Yes ☑	No ☐	
11.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
14.	Does paperwork match bottle labels?	Yes ☑	No ☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
16.	Is it clear what analyses were requested?	Yes ☑	No ☐	
17.	Were all holding times able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample	3.3

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 9/28/2020 Page: 1 of:

Laboratory Project No (internal): 2009528

Project Name: Maddux South

Project No: 160324

Collected by: DWV

Location: Maddux South

Report To (PM): A. Yankofski

PM Email: ayankofski@aspectconsulting.com

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA 98104

Telephone: (206)343-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260				Comments
1	SW-P32-60-S	9/28/20	0835	S		X			X									X					
2	SW-P34-60-S		0835			↓			↓									↓					
3	SP-P4.5-64-S	9/24/20	0810			X			X														*24 hr TAT
4	Trip Blank	—	—	W		X			X									X					
5																							
6																							
7																							
8																							
9																							
10																							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- [X] Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	9/24/2020 0837	x [signature]	9/29/20 08:54
Relinquished x	Date/Time	Received x	Date/Time

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux South
Work Order Number: 2009556

October 06, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 9 sample(s) on 9/30/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/06/2020*

CLIENT: Aspect Consulting
Project: Maddux South
Work Order: 2009556

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2009556-001	SW-P4-65-S	09/29/2020 8:30 AM	09/30/2020 8:19 AM
2009556-002	SW-P6-65-S	09/29/2020 8:55 AM	09/30/2020 8:19 AM
2009556-003	SW-P20-60-S	09/29/2020 10:05 AM	09/30/2020 8:19 AM
2009556-004	SW-P22-60-S	09/29/2020 10:15 AM	09/30/2020 8:19 AM
2009556-005	SW-P32-55-S	09/29/2020 11:10 AM	09/30/2020 8:19 AM
2009556-006	SW-P34-55-S	09/29/2020 11:15 AM	09/30/2020 8:19 AM
2009556-007	SW-P36-60-S	09/29/2020 11:35 AM	09/30/2020 8:19 AM
2009556-008	SW-P38-60-S	09/29/2020 11:45 AM	09/30/2020 8:19 AM
2009556-009	Trip Blank	09/22/2020 12:57 PM	09/30/2020 8:19 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2009556**

Date: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2009556**
Date Reported: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2009556-001 **Collection Date:** 9/29/2020 8:30:00 AM
Client Sample ID: **SW-P4-65-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29862		Analyst: DW
Diesel (Fuel Oil)	ND	21.5		mg/Kg-dry	1	10/2/2020 11:34:47 AM
Heavy Oil	ND	53.8		mg/Kg-dry	1	10/2/2020 11:34:47 AM
Surr: 2-Fluorobiphenyl	82.2	50 - 150		%Rec	1	10/2/2020 11:34:47 AM
Surr: o-Terphenyl	78.4	50 - 150		%Rec	1	10/2/2020 11:34:47 AM
Gasoline by NWTPH-Gx				Batch ID: 29877		Analyst: CR
Gasoline	ND	5.03		mg/Kg-dry	1	10/2/2020 11:37:03 AM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/2/2020 11:37:03 AM
Surr: 4-Bromofluorobenzene	89.4	65 - 135		%Rec	1	10/2/2020 11:37:03 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29877		Analyst: CR
Benzene	ND	0.0201		mg/Kg-dry	1	10/2/2020 11:37:03 AM
Toluene	ND	0.0201		mg/Kg-dry	1	10/2/2020 11:37:03 AM
Ethylbenzene	ND	0.0252		mg/Kg-dry	1	10/2/2020 11:37:03 AM
m,p-Xylene	ND	0.0503		mg/Kg-dry	1	10/2/2020 11:37:03 AM
o-Xylene	ND	0.0252		mg/Kg-dry	1	10/2/2020 11:37:03 AM
Surr: Dibromofluoromethane	95.5	85.2 - 113		%Rec	1	10/2/2020 11:37:03 AM
Surr: Toluene-d8	98.4	88.5 - 110		%Rec	1	10/2/2020 11:37:03 AM
Surr: 1-Bromo-4-fluorobenzene	94.7	88.6 - 109		%Rec	1	10/2/2020 11:37:03 AM
Sample Moisture (Percent Moisture)				Batch ID: R62350		Analyst: RL
Percent Moisture	11.8	0.500		wt%	1	10/6/2020 10:12:38 AM

Analytical Report

Work Order: **2009556**
Date Reported: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2009556-002 **Collection Date:** 9/29/2020 8:55:00 AM
Client Sample ID: **SW-P6-65-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29862		Analyst: DW
Diesel (Fuel Oil)	ND	19.7		mg/Kg-dry	1	10/2/2020 12:04:39 PM
Heavy Oil	ND	49.4		mg/Kg-dry	1	10/2/2020 12:04:39 PM
Surr: 2-Fluorobiphenyl	83.9	50 - 150		%Rec	1	10/2/2020 12:04:39 PM
Surr: o-Terphenyl	79.9	50 - 150		%Rec	1	10/2/2020 12:04:39 PM
Gasoline by NWTPH-Gx				Batch ID: 29877		Analyst: CR
Gasoline	ND	5.22		mg/Kg-dry	1	10/2/2020 12:37:17 PM
Surr: Toluene-d8	99.9	65 - 135		%Rec	1	10/2/2020 12:37:17 PM
Surr: 4-Bromofluorobenzene	90.5	65 - 135		%Rec	1	10/2/2020 12:37:17 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29877		Analyst: CR
Benzene	0.0304	0.0209		mg/Kg-dry	1	10/2/2020 12:37:17 PM
Toluene	0.0712	0.0209		mg/Kg-dry	1	10/2/2020 12:37:17 PM
Ethylbenzene	ND	0.0261		mg/Kg-dry	1	10/2/2020 12:37:17 PM
m,p-Xylene	ND	0.0522		mg/Kg-dry	1	10/2/2020 12:37:17 PM
o-Xylene	ND	0.0261		mg/Kg-dry	1	10/2/2020 12:37:17 PM
Surr: Dibromofluoromethane	96.9	85.2 - 113		%Rec	1	10/2/2020 12:37:17 PM
Surr: Toluene-d8	98.3	88.5 - 110		%Rec	1	10/2/2020 12:37:17 PM
Surr: 1-Bromo-4-fluorobenzene	95.9	88.6 - 109		%Rec	1	10/2/2020 12:37:17 PM
Sample Moisture (Percent Moisture)				Batch ID: R62350		Analyst: RL
Percent Moisture	9.72	0.500		wt%	1	10/6/2020 10:12:38 AM

Analytical Report

Work Order: **2009556**
Date Reported: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2009556-003 **Collection Date:** 9/29/2020 10:05:00 AM
Client Sample ID: **SW-P20-60-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29862		Analyst: DW
Diesel (Fuel Oil)	ND	19.3		mg/Kg-dry	1	10/2/2020 12:34:34 PM
Heavy Oil	174	48.2		mg/Kg-dry	1	10/2/2020 12:34:34 PM
Surr: 2-Fluorobiphenyl	82.2	50 - 150		%Rec	1	10/2/2020 12:34:34 PM
Surr: o-Terphenyl	77.3	50 - 150		%Rec	1	10/2/2020 12:34:34 PM
Gasoline by NWTPH-Gx				Batch ID: 29877		Analyst: CR
Gasoline	ND	5.16		mg/Kg-dry	1	10/2/2020 1:07:24 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/2/2020 1:07:24 PM
Surr: 4-Bromofluorobenzene	90.2	65 - 135		%Rec	1	10/2/2020 1:07:24 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29877		Analyst: CR
Vinyl chloride	ND	0.0206		mg/Kg-dry	1	10/2/2020 1:07:24 PM
1,1-Dichloroethene	ND	0.0206		mg/Kg-dry	1	10/2/2020 1:07:24 PM
trans-1,2-Dichloroethene	ND	0.0206		mg/Kg-dry	1	10/2/2020 1:07:24 PM
cis-1,2-Dichloroethene	ND	0.0206		mg/Kg-dry	1	10/2/2020 1:07:24 PM
Benzene	ND	0.0206		mg/Kg-dry	1	10/2/2020 1:07:24 PM
Trichloroethene (TCE)	ND	0.0206		mg/Kg-dry	1	10/2/2020 1:07:24 PM
Toluene	ND	0.0206		mg/Kg-dry	1	10/2/2020 1:07:24 PM
Tetrachloroethene (PCE)	ND	0.0206		mg/Kg-dry	1	10/2/2020 1:07:24 PM
Ethylbenzene	ND	0.0258		mg/Kg-dry	1	10/2/2020 1:07:24 PM
m,p-Xylene	ND	0.0516		mg/Kg-dry	1	10/2/2020 1:07:24 PM
o-Xylene	ND	0.0258		mg/Kg-dry	1	10/2/2020 1:07:24 PM
Surr: Dibromofluoromethane	97.7	85.2 - 113		%Rec	1	10/2/2020 1:07:24 PM
Surr: Toluene-d8	99.6	88.5 - 110		%Rec	1	10/2/2020 1:07:24 PM
Surr: 1-Bromo-4-fluorobenzene	94.9	88.6 - 109		%Rec	1	10/2/2020 1:07:24 PM
Sample Moisture (Percent Moisture)				Batch ID: R62350		Analyst: RL
Percent Moisture	11.9	0.500		wt%	1	10/6/2020 10:12:38 AM

Analytical Report

Work Order: **2009556**
Date Reported: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2009556-004 **Collection Date:** 9/29/2020 10:15:00 AM
Client Sample ID: **SW-P22-60-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29862		Analyst: DW
Diesel (Fuel Oil)	ND	19.0		mg/Kg-dry	1	10/2/2020 1:04:29 PM
Heavy Oil	1,200	47.5		mg/Kg-dry	1	10/2/2020 1:04:29 PM
Surr: 2-Fluorobiphenyl	79.8	50 - 150		%Rec	1	10/2/2020 1:04:29 PM
Surr: o-Terphenyl	77.2	50 - 150		%Rec	1	10/2/2020 1:04:29 PM
Gasoline by NWTPH-Gx				Batch ID: 29877		Analyst: CR
Gasoline	ND	5.45		mg/Kg-dry	1	10/2/2020 1:37:31 PM
Surr: Toluene-d8	99.6	65 - 135		%Rec	1	10/2/2020 1:37:31 PM
Surr: 4-Bromofluorobenzene	89.6	65 - 135		%Rec	1	10/2/2020 1:37:31 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29877		Analyst: CR
Vinyl chloride	ND	0.0218		mg/Kg-dry	1	10/2/2020 1:37:31 PM
1,1-Dichloroethene	ND	0.0218		mg/Kg-dry	1	10/2/2020 1:37:31 PM
trans-1,2-Dichloroethene	ND	0.0218		mg/Kg-dry	1	10/2/2020 1:37:31 PM
cis-1,2-Dichloroethene	ND	0.0218		mg/Kg-dry	1	10/2/2020 1:37:31 PM
Benzene	ND	0.0218		mg/Kg-dry	1	10/2/2020 1:37:31 PM
Trichloroethene (TCE)	ND	0.0218		mg/Kg-dry	1	10/2/2020 1:37:31 PM
Toluene	ND	0.0218		mg/Kg-dry	1	10/2/2020 1:37:31 PM
Tetrachloroethene (PCE)	0.0269	0.0218		mg/Kg-dry	1	10/2/2020 1:37:31 PM
Ethylbenzene	ND	0.0273		mg/Kg-dry	1	10/2/2020 1:37:31 PM
m,p-Xylene	ND	0.0545		mg/Kg-dry	1	10/2/2020 1:37:31 PM
o-Xylene	ND	0.0273		mg/Kg-dry	1	10/2/2020 1:37:31 PM
Surr: Dibromofluoromethane	99.1	85.2 - 113		%Rec	1	10/2/2020 1:37:31 PM
Surr: Toluene-d8	99.8	88.5 - 110		%Rec	1	10/2/2020 1:37:31 PM
Surr: 1-Bromo-4-fluorobenzene	94.8	88.6 - 109		%Rec	1	10/2/2020 1:37:31 PM
Sample Moisture (Percent Moisture)				Batch ID: R62350		Analyst: RL
Percent Moisture	11.0	0.500		wt%	1	10/6/2020 10:12:38 AM

Analytical Report

Work Order: **2009556**
Date Reported: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2009556-005 **Collection Date:** 9/29/2020 11:10:00 AM
Client Sample ID: **SW-P32-55-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29862		Analyst: DW
Diesel (Fuel Oil)	ND	20.0		mg/Kg-dry	1	10/2/2020 1:34:27 PM
Heavy Oil	ND	50.0		mg/Kg-dry	1	10/5/2020 12:10:49 PM
Surr: 2-Fluorobiphenyl	85.2	50 - 150		%Rec	1	10/2/2020 1:34:27 PM
Surr: o-Terphenyl	79.2	50 - 150		%Rec	1	10/2/2020 1:34:27 PM
Gasoline by NWTPH-Gx				Batch ID: 29877		Analyst: CR
Gasoline	ND	5.00		mg/Kg-dry	1	10/2/2020 2:07:40 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/2/2020 2:07:40 PM
Surr: 4-Bromofluorobenzene	90.0	65 - 135		%Rec	1	10/2/2020 2:07:40 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29877		Analyst: CR
Vinyl chloride	ND	0.0200		mg/Kg-dry	1	10/2/2020 2:07:40 PM
1,1-Dichloroethene	ND	0.0200		mg/Kg-dry	1	10/2/2020 2:07:40 PM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg-dry	1	10/2/2020 2:07:40 PM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg-dry	1	10/2/2020 2:07:40 PM
Benzene	ND	0.0200		mg/Kg-dry	1	10/2/2020 2:07:40 PM
Trichloroethene (TCE)	ND	0.0200		mg/Kg-dry	1	10/2/2020 2:07:40 PM
Toluene	ND	0.0200		mg/Kg-dry	1	10/2/2020 2:07:40 PM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg-dry	1	10/2/2020 2:07:40 PM
Ethylbenzene	ND	0.0250		mg/Kg-dry	1	10/2/2020 2:07:40 PM
m,p-Xylene	ND	0.0500		mg/Kg-dry	1	10/2/2020 2:07:40 PM
o-Xylene	ND	0.0250		mg/Kg-dry	1	10/2/2020 2:07:40 PM
Surr: Dibromofluoromethane	96.7	85.2 - 113		%Rec	1	10/2/2020 2:07:40 PM
Surr: Toluene-d8	99.4	88.5 - 110		%Rec	1	10/2/2020 2:07:40 PM
Surr: 1-Bromo-4-fluorobenzene	95.4	88.6 - 109		%Rec	1	10/2/2020 2:07:40 PM
Sample Moisture (Percent Moisture)				Batch ID: R62350		Analyst: RL
Percent Moisture	12.5	0.500		wt%	1	10/6/2020 10:12:38 AM

Analytical Report

Work Order: **2009556**
Date Reported: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2009556-006 **Collection Date:** 9/29/2020 11:15:00 AM
Client Sample ID: **SW-P34-55-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29862		Analyst: DW
Diesel (Fuel Oil)	ND	19.7		mg/Kg-dry	1	10/2/2020 2:04:24 PM
Heavy Oil	ND	49.3		mg/Kg-dry	1	10/2/2020 2:04:24 PM
Surr: 2-Fluorobiphenyl	83.5	50 - 150		%Rec	1	10/2/2020 2:04:24 PM
Surr: o-Terphenyl	78.0	50 - 150		%Rec	1	10/2/2020 2:04:24 PM
Gasoline by NWTPH-Gx				Batch ID: 29877		Analyst: CR
Gasoline	ND	5.29		mg/Kg-dry	1	10/2/2020 2:37:47 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	10/2/2020 2:37:47 PM
Surr: 4-Bromofluorobenzene	89.5	65 - 135		%Rec	1	10/2/2020 2:37:47 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29877		Analyst: CR
Vinyl chloride	ND	0.0212		mg/Kg-dry	1	10/2/2020 2:37:47 PM
1,1-Dichloroethene	ND	0.0212		mg/Kg-dry	1	10/2/2020 2:37:47 PM
trans-1,2-Dichloroethene	ND	0.0212		mg/Kg-dry	1	10/2/2020 2:37:47 PM
cis-1,2-Dichloroethene	ND	0.0212		mg/Kg-dry	1	10/2/2020 2:37:47 PM
Benzene	ND	0.0212		mg/Kg-dry	1	10/2/2020 2:37:47 PM
Trichloroethene (TCE)	ND	0.0212		mg/Kg-dry	1	10/2/2020 2:37:47 PM
Toluene	ND	0.0212		mg/Kg-dry	1	10/2/2020 2:37:47 PM
Tetrachloroethene (PCE)	ND	0.0212		mg/Kg-dry	1	10/2/2020 2:37:47 PM
Ethylbenzene	ND	0.0264		mg/Kg-dry	1	10/2/2020 2:37:47 PM
m,p-Xylene	ND	0.0529		mg/Kg-dry	1	10/2/2020 2:37:47 PM
o-Xylene	ND	0.0264		mg/Kg-dry	1	10/2/2020 2:37:47 PM
Surr: Dibromofluoromethane	97.1	85.2 - 113		%Rec	1	10/2/2020 2:37:47 PM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	10/2/2020 2:37:47 PM
Surr: 1-Bromo-4-fluorobenzene	94.7	88.6 - 109		%Rec	1	10/2/2020 2:37:47 PM
Sample Moisture (Percent Moisture)				Batch ID: R62350		Analyst: RL
Percent Moisture	7.54	0.500		wt%	1	10/6/2020 10:12:38 AM

Analytical Report

Work Order: **2009556**
Date Reported: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2009556-007 **Collection Date:** 9/29/2020 11:35:00 AM
Client Sample ID: **SW-P36-60-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29862		Analyst: DW
Diesel (Fuel Oil)	ND	20.6		mg/Kg-dry	1	10/2/2020 2:34:25 PM
Heavy Oil	ND	51.6		mg/Kg-dry	1	10/2/2020 2:34:25 PM
Surr: 2-Fluorobiphenyl	81.5	50 - 150		%Rec	1	10/2/2020 2:34:25 PM
Surr: o-Terphenyl	76.0	50 - 150		%Rec	1	10/2/2020 2:34:25 PM
Gasoline by NWTPH-Gx				Batch ID: 29877		Analyst: CR
Gasoline	ND	5.53		mg/Kg-dry	1	10/2/2020 8:09:11 PM
Surr: Toluene-d8	99.7	65 - 135		%Rec	1	10/2/2020 8:09:11 PM
Surr: 4-Bromofluorobenzene	89.5	65 - 135		%Rec	1	10/2/2020 8:09:11 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29877		Analyst: CR
Vinyl chloride	ND	0.0221		mg/Kg-dry	1	10/2/2020 8:09:11 PM
1,1-Dichloroethene	ND	0.0221		mg/Kg-dry	1	10/2/2020 8:09:11 PM
trans-1,2-Dichloroethene	ND	0.0221		mg/Kg-dry	1	10/2/2020 8:09:11 PM
cis-1,2-Dichloroethene	ND	0.0221		mg/Kg-dry	1	10/2/2020 8:09:11 PM
Benzene	ND	0.0221		mg/Kg-dry	1	10/2/2020 8:09:11 PM
Trichloroethene (TCE)	ND	0.0221		mg/Kg-dry	1	10/2/2020 8:09:11 PM
Toluene	ND	0.0221		mg/Kg-dry	1	10/2/2020 8:09:11 PM
Tetrachloroethene (PCE)	ND	0.0221		mg/Kg-dry	1	10/2/2020 8:09:11 PM
Ethylbenzene	ND	0.0277		mg/Kg-dry	1	10/2/2020 8:09:11 PM
m,p-Xylene	ND	0.0553		mg/Kg-dry	1	10/2/2020 8:09:11 PM
o-Xylene	ND	0.0277		mg/Kg-dry	1	10/2/2020 8:09:11 PM
Surr: Dibromofluoromethane	96.4	85.2 - 113		%Rec	1	10/2/2020 8:09:11 PM
Surr: Toluene-d8	101	88.5 - 110		%Rec	1	10/2/2020 8:09:11 PM
Surr: 1-Bromo-4-fluorobenzene	94.8	88.6 - 109		%Rec	1	10/2/2020 8:09:11 PM
Sample Moisture (Percent Moisture)				Batch ID: R62358		Analyst: RL
Percent Moisture	7.67	0.500		wt%	1	10/6/2020 12:13:00 PM

Analytical Report

Work Order: **2009556**
Date Reported: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2009556-008 **Collection Date:** 9/29/2020 11:45:00 AM
Client Sample ID: **SW-P38-60-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29862		Analyst: DW
Diesel (Fuel Oil)	ND	20.1		mg/Kg-dry	1	10/2/2020 3:04:29 PM
Heavy Oil	ND	50.1		mg/Kg-dry	1	10/2/2020 3:04:29 PM
Surr: 2-Fluorobiphenyl	83.8	50 - 150		%Rec	1	10/2/2020 3:04:29 PM
Surr: o-Terphenyl	78.6	50 - 150		%Rec	1	10/2/2020 3:04:29 PM
Gasoline by NWTPH-Gx				Batch ID: 29877		Analyst: CR
Gasoline	ND	5.31		mg/Kg-dry	1	10/2/2020 8:39:19 PM
Surr: Toluene-d8	99.6	65 - 135		%Rec	1	10/2/2020 8:39:19 PM
Surr: 4-Bromofluorobenzene	88.7	65 - 135		%Rec	1	10/2/2020 8:39:19 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29877		Analyst: CR
Vinyl chloride	ND	0.0212		mg/Kg-dry	1	10/2/2020 8:39:19 PM
1,1-Dichloroethene	ND	0.0212		mg/Kg-dry	1	10/2/2020 8:39:19 PM
trans-1,2-Dichloroethene	ND	0.0212		mg/Kg-dry	1	10/2/2020 8:39:19 PM
cis-1,2-Dichloroethene	ND	0.0212		mg/Kg-dry	1	10/2/2020 8:39:19 PM
Benzene	ND	0.0212		mg/Kg-dry	1	10/2/2020 8:39:19 PM
Trichloroethene (TCE)	ND	0.0212		mg/Kg-dry	1	10/2/2020 8:39:19 PM
Toluene	ND	0.0212		mg/Kg-dry	1	10/2/2020 8:39:19 PM
Tetrachloroethene (PCE)	ND	0.0212		mg/Kg-dry	1	10/2/2020 8:39:19 PM
Ethylbenzene	ND	0.0265		mg/Kg-dry	1	10/2/2020 8:39:19 PM
m,p-Xylene	ND	0.0531		mg/Kg-dry	1	10/2/2020 8:39:19 PM
o-Xylene	ND	0.0265		mg/Kg-dry	1	10/2/2020 8:39:19 PM
Surr: Dibromofluoromethane	97.4	85.2 - 113		%Rec	1	10/2/2020 8:39:19 PM
Surr: Toluene-d8	99.3	88.5 - 110		%Rec	1	10/2/2020 8:39:19 PM
Surr: 1-Bromo-4-fluorobenzene	94.3	88.6 - 109		%Rec	1	10/2/2020 8:39:19 PM
Sample Moisture (Percent Moisture)				Batch ID: R62358		Analyst: RL
Percent Moisture	12.1	0.500		wt%	1	10/6/2020 12:13:00 PM

Analytical Report

Work Order: **2009556**
Date Reported: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2009556-009 **Collection Date:** 9/22/2020 12:57:00 PM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Gasoline by NWTPH-Gx				Batch ID: 29877		Analyst: CR
Gasoline	ND	5.00		mg/Kg	1	10/2/2020 10:36:48 AM
Surr: Toluene-d8	99.9	65 - 135		%Rec	1	10/2/2020 10:36:48 AM
Surr: 4-Bromofluorobenzene	90.5	65 - 135		%Rec	1	10/2/2020 10:36:48 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29877		Analyst: CR
Vinyl chloride	ND	0.0200		mg/Kg	1	10/2/2020 10:36:48 AM
1,1-Dichloroethene	ND	0.0200		mg/Kg	1	10/2/2020 10:36:48 AM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/2/2020 10:36:48 AM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/2/2020 10:36:48 AM
Benzene	ND	0.0200		mg/Kg	1	10/2/2020 10:36:48 AM
Trichloroethene (TCE)	ND	0.0200		mg/Kg	1	10/2/2020 10:36:48 AM
Toluene	ND	0.0200		mg/Kg	1	10/2/2020 10:36:48 AM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg	1	10/2/2020 10:36:48 AM
Ethylbenzene	ND	0.0250		mg/Kg	1	10/2/2020 10:36:48 AM
m,p-Xylene	ND	0.0500		mg/Kg	1	10/2/2020 10:36:48 AM
o-Xylene	ND	0.0250		mg/Kg	1	10/2/2020 10:36:48 AM
Surr: Dibromofluoromethane	96.3	85.2 - 113		%Rec	1	10/2/2020 10:36:48 AM
Surr: Toluene-d8	98.6	88.5 - 110		%Rec	1	10/2/2020 10:36:48 AM
Surr: 1-Bromo-4-fluorobenzene	95.9	88.6 - 109		%Rec	1	10/2/2020 10:36:48 AM

Work Order: 2009556
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-29862**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/1/2020**	RunNo: **62265**
Client ID: **MBLKS**	Batch ID: **29862**		Analysis Date: **10/1/2020**	SeqNo: **1249177**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	16.3		20.00		81.4	50	150				
Surr: o-Terphenyl	15.0		20.00		74.9	50	150				

Sample ID: **LCS-29862**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/1/2020**	RunNo: **62265**
Client ID: **LCSS**	Batch ID: **29862**		Analysis Date: **10/1/2020**	SeqNo: **1249181**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	412	20.0	500.0	0	82.4	65	135				
Surr: 2-Fluorobiphenyl	16.9		20.00		84.5	50	150				
Surr: o-Terphenyl	18.0		20.00		90.3	50	150				

Sample ID: **2009528-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **10/1/2020**	RunNo: **62265**
Client ID: **BATCH**	Batch ID: **29862**		Analysis Date: **10/1/2020**	SeqNo: **1249498**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	479	21.6	541.1	0	88.4	65	135				
Surr: 2-Fluorobiphenyl	17.2		21.64		79.3	50	150				
Surr: o-Terphenyl	18.9		21.64		87.2	50	150				

Sample ID: **2009528-001AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **10/1/2020**	RunNo: **62265**
Client ID: **BATCH**	Batch ID: **29862**		Analysis Date: **10/1/2020**	SeqNo: **1249499**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	511	21.9	548.6	0	93.2	65	135	478.5	6.57	30	
Surr: 2-Fluorobiphenyl	18.9		21.94		86.0	50	150		0		
Surr: o-Terphenyl	20.3		21.94		92.7	50	150		0		

Work Order: 2009556
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-29877**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/2/2020**	RunNo: **62316**
Client ID: **LCSS**	Batch ID: **29877**		Analysis Date: **10/2/2020**	SeqNo: **1250315**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	24.3	5.00	25.00	0	97.2	65	135				
Surr: Toluene-d8	1.26		1.250		101	65	135				
Surr: 4-Bromofluorobenzene	1.18		1.250		94.1	65	135				

Sample ID: **MB-29877**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/2/2020**	RunNo: **62316**
Client ID: **MBLKS**	Batch ID: **29877**		Analysis Date: **10/2/2020**	SeqNo: **1250316**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.25		1.250		100	65	135				
Surr: 4-Bromofluorobenzene	1.13		1.250		90.5	65	135				

Sample ID: **2009556-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/2/2020**	RunNo: **62316**
Client ID: **SW-P4-65-S**	Batch ID: **29877**		Analysis Date: **10/2/2020**	SeqNo: **1250293**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.03						0		30	
Surr: Toluene-d8	1.27		1.258		101	65	135		0		
Surr: 4-Bromofluorobenzene	1.13		1.258		89.4	65	135		0		

Sample ID: **2010026-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/2/2020**	RunNo: **62316**
Client ID: **BATCH**	Batch ID: **29877**		Analysis Date: **10/2/2020**	SeqNo: **1250303**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.98						0		30	
Surr: Toluene-d8	1.49		1.496		99.8	65	135		0		
Surr: 4-Bromofluorobenzene	1.37		1.496		91.6	65	135		0		

Work Order: 2009556
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2010026-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62316**
Client ID: **BATCH** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250305**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	27.4	5.61	28.05	0	97.7	65	135				
Surr: Toluene-d8	1.42		1.403		101	65	135				
Surr: 4-Bromofluorobenzene	1.32		1.403		94.4	65	135				

Sample ID: **2010026-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62316**
Client ID: **BATCH** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250306**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	25.2	5.61	28.05	0	89.7	65	135	27.39	8.45	30	
Surr: Toluene-d8	1.39		1.403		99.4	65	135		0		
Surr: 4-Bromofluorobenzene	1.35		1.403		95.9	65	135		0		

Work Order: 2009556
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29877** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/2/2020** RunNo: **62315**
Client ID: **LCSS** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250273**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.918	0.0200	1.000	0	91.8	66	131				
1,1-Dichloroethene	0.926	0.0200	1.000	0	92.6	63.4	139				
trans-1,2-Dichloroethene	0.970	0.0200	1.000	0	97.0	80.5	116				
cis-1,2-Dichloroethene	0.979	0.0200	1.000	0	97.9	81.8	114				
Benzene	0.964	0.0200	1.000	0	96.4	79.4	116				
Trichloroethene (TCE)	0.971	0.0200	1.000	0	97.1	80.8	117				
Toluene	0.991	0.0200	1.000	0	99.1	80.5	115				
Tetrachloroethene (PCE)	1.00	0.0200	1.000	0	100	81.8	116				
Ethylbenzene	1.02	0.0250	1.000	0	102	81.6	116				
m,p-Xylene	2.01	0.0500	2.000	0	100	83.2	115				
o-Xylene	0.991	0.0250	1.000	0	99.1	82.5	114				
Surr: Dibromofluoromethane	1.25		1.250		100	85.2	113				
Surr: Toluene-d8	1.24		1.250		99.3	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.250		99.1	88.6	109				

Sample ID: **MB-29877** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/2/2020** RunNo: **62315**
Client ID: **MBLKS** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250274**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2009556
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29877**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/2/2020**	RunNo: **62315**
Client ID: **MBLKS**	Batch ID: **29877**		Analysis Date: **10/2/2020**	SeqNo: **1250274**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.20		1.250		95.7	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.2	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		95.9	88.6	109				

Sample ID: **2009556-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/2/2020**	RunNo: **62315**
Client ID: **SW-P4-65-S**	Batch ID: **29877**		Analysis Date: **10/2/2020**	SeqNo: **1250251**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0201						0		30	
1,1-Dichloroethene	ND	0.0201						0		30	
trans-1,2-Dichloroethene	ND	0.0201						0		30	
cis-1,2-Dichloroethene	ND	0.0201						0		30	
Benzene	ND	0.0201						0		30	
Trichloroethene (TCE)	ND	0.0201						0		30	
Toluene	ND	0.0201						0		30	
Tetrachloroethene (PCE)	ND	0.0201						0		30	
Ethylbenzene	ND	0.0252						0		30	
m,p-Xylene	ND	0.0503						0		30	
o-Xylene	ND	0.0252						0		30	
Surr: Dibromofluoromethane	1.21		1.258		96.1	85.2	113		0		
Surr: Toluene-d8	1.23		1.258		98.2	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.19		1.258		94.8	88.6	109		0		

Sample ID: **2010026-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/2/2020**	RunNo: **62315**
Client ID: **BATCH**	Batch ID: **29877**		Analysis Date: **10/2/2020**	SeqNo: **1250263**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0239						0		30	
1,1-Dichloroethene	ND	0.0239						0		30	

Work Order: 2009556
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010026-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62315**
Client ID: **BATCH** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250263**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0239						0		30	
cis-1,2-Dichloroethene	ND	0.0239						0		30	
Benzene	ND	0.0239						0		30	
Trichloroethene (TCE)	ND	0.0239						0		30	
Toluene	ND	0.0239						0		30	
Tetrachloroethene (PCE)	ND	0.0239						0		30	
Ethylbenzene	ND	0.0299						0		30	
m,p-Xylene	ND	0.0598						0		30	
o-Xylene	ND	0.0299						0		30	
Surr: Dibromofluoromethane	1.45		1.496		97.2	85.2	113		0		
Surr: Toluene-d8	1.48		1.496		99.3	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.45		1.496		96.8	88.6	109		0		

Sample ID: **2009556-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62315**
Client ID: **SW-P6-65-S** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250253**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.14	0.0209	1.043	0	109	52.8	150				
1,1-Dichloroethene	1.20	0.0209	1.043	0	115	62.9	149				
trans-1,2-Dichloroethene	1.24	0.0209	1.043	0	119	73.1	130				
cis-1,2-Dichloroethene	1.26	0.0209	1.043	0	121	77.5	125				
Benzene	1.26	0.0209	1.043	0.03039	118	74.6	126				
Trichloroethene (TCE)	1.22	0.0209	1.043	0	117	72	133				
Toluene	1.34	0.0209	1.043	0.07124	121	72.6	127				
Tetrachloroethene (PCE)	1.26	0.0209	1.043	0	121	72.7	128				
Ethylbenzene	1.28	0.0261	1.043	0	123	77.3	126				
m,p-Xylene	2.52	0.0522	2.087	0	121	78.5	126				
o-Xylene	1.25	0.0261	1.043	0	120	79.4	123				
Surr: Dibromofluoromethane	1.31		1.304		100	85.2	113				
Surr: Toluene-d8	1.30		1.304		99.8	88.5	110				

Work Order: 2009556
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009556-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62315**
Client ID: **SW-P6-65-S** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250253**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	1.27		1.304		97.4	88.6	109				

Sample ID: **2009556-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62315**
Client ID: **SW-P6-65-S** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250252**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.08	0.0209	1.043	0	103	52.8	150	1.137	5.47	30	
1,1-Dichloroethene	1.15	0.0209	1.043	0	110	62.9	149	1.196	3.94	30	
trans-1,2-Dichloroethene	1.19	0.0209	1.043	0	115	73.1	130	1.243	3.93	30	
cis-1,2-Dichloroethene	1.22	0.0209	1.043	0	117	77.5	125	1.258	3.39	30	
Benzene	1.23	0.0209	1.043	0.03039	115	74.6	126	1.265	2.48	30	
Trichloroethene (TCE)	1.18	0.0209	1.043	0	113	72	133	1.222	3.76	30	
Toluene	1.29	0.0209	1.043	0.07124	117	72.6	127	1.339	3.71	30	
Tetrachloroethene (PCE)	1.20	0.0209	1.043	0	115	72.7	128	1.261	5.20	30	
Ethylbenzene	1.22	0.0261	1.043	0	117	77.3	126	1.281	5.00	30	
m,p-Xylene	2.42	0.0522	2.087	0	116	78.5	126	2.523	4.22	30	
o-Xylene	1.18	0.0261	1.043	0	113	79.4	123	1.247	5.25	30	
Surr: Dibromofluoromethane	1.32		1.304		101	85.2	113		0		
Surr: Toluene-d8	1.31		1.304		100	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.27		1.304		97.4	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2009556**
Logged by:	**Gabrielle Coeuille**	Date Received:	**9/30/2020 8:19:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	2.5

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 9/30/20 Page: 1 of: 1

Laboratory Project No (internal): 2009556

Project Name: Maddux South

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste. 550

Collected by: DWU

City, State, Zip: Seattle, WA, 98104

Location: 160324-Maddux South

Telephone: (206)343-5411

Report To (PM): A. Yonkofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: ayonkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260				Comments
1	SW-P4-65-S	9/29/20	0830	S		X				X													
2	SW-P6-65-S		0855																				
3	SW-P20-60-S		1005															X					
4	SW-P22-60-S		1015																				
5	SW-P32-55-S		1110																				
6	SW-P34-55-S		1115																				
7	SW-P36-60-S		1135																				
8	SW-P38-60-S		1145																				
9	Trip Blank	—	—	W		X				X								X					
10																							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Turn-around Time:
- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

Relinquished	Date/Time	Received	Date/Time
x	9/30/20 0731	x	9/30/20 0745
x	9/30/20 0815	x	9/30/20 0815

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux South
Work Order Number: 2010002

October 08, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 8 sample(s) on 10/1/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/08/2020*

CLIENT: Aspect Consulting
Project: Maddux South
Work Order: 2010002

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010002-001	SW-P22-55-S	09/30/2020 8:00 AM	10/01/2020 8:37 AM
2010002-002	SW-P20-55-S	09/30/2020 7:50 AM	10/01/2020 8:37 AM
2010002-003	SW-P18-60-S	09/30/2020 7:45 AM	10/01/2020 8:37 AM
2010002-004	SW-P36-55-S	09/30/2020 8:20 AM	10/01/2020 8:37 AM
2010002-005	SW-P38-55-S	09/30/2020 8:30 AM	10/01/2020 8:37 AM
2010002-006	SW-P40-60-S	09/30/2020 9:30 AM	10/01/2020 8:37 AM
2010002-007	SW-P42-60-S	09/30/2020 9:35 AM	10/01/2020 8:37 AM
2010002-008	Trip Blank	09/29/2020 3:18 PM	10/01/2020 8:37 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010002**
Date: **10/8/2020**

CLIENT: Aspect Consulting
Project: Maddux South

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010002**
Date Reported: **10/8/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010002-001 **Collection Date:** 9/30/2020 8:00:00 AM
Client Sample ID: **SW-P22-55-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29862		Analyst: DW
Diesel (Fuel Oil)	ND	19.8		mg/Kg-dry	1	10/2/2020 3:34:34 PM
Heavy Oil	1,680	49.4		mg/Kg-dry	1	10/2/2020 3:34:34 PM
Surr: 2-Fluorobiphenyl	83.0	50 - 150		%Rec	1	10/2/2020 3:34:34 PM
Surr: o-Terphenyl	78.2	50 - 150		%Rec	1	10/2/2020 3:34:34 PM
Gasoline by NWTPH-Gx				Batch ID: 29885		Analyst: KT
Gasoline	ND	6.76		mg/Kg-dry	1	10/2/2020 2:05:06 PM
Surr: Toluene-d8	104	65 - 135		%Rec	1	10/2/2020 2:05:06 PM
Surr: 4-Bromofluorobenzene	99.2	65 - 135		%Rec	1	10/2/2020 2:05:06 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29885		Analyst: KT
Vinyl chloride	ND	0.0270		mg/Kg-dry	1	10/2/2020 2:05:06 PM
1,1-Dichloroethene	ND	0.0270		mg/Kg-dry	1	10/2/2020 2:05:06 PM
trans-1,2-Dichloroethene	ND	0.0270		mg/Kg-dry	1	10/2/2020 2:05:06 PM
cis-1,2-Dichloroethene	ND	0.0270		mg/Kg-dry	1	10/2/2020 2:05:06 PM
Benzene	ND	0.0270		mg/Kg-dry	1	10/2/2020 2:05:06 PM
Trichloroethene (TCE)	ND	0.0270		mg/Kg-dry	1	10/2/2020 2:05:06 PM
Toluene	ND	0.0270		mg/Kg-dry	1	10/2/2020 2:05:06 PM
Tetrachloroethene (PCE)	0.0836	0.0270		mg/Kg-dry	1	10/2/2020 2:05:06 PM
Ethylbenzene	ND	0.0338		mg/Kg-dry	1	10/2/2020 2:05:06 PM
m,p-Xylene	ND	0.0676		mg/Kg-dry	1	10/2/2020 2:05:06 PM
o-Xylene	ND	0.0338		mg/Kg-dry	1	10/2/2020 2:05:06 PM
Surr: Dibromofluoromethane	104	85.2 - 113		%Rec	1	10/2/2020 2:05:06 PM
Surr: Toluene-d8	101	88.5 - 110		%Rec	1	10/2/2020 2:05:06 PM
Surr: 1-Bromo-4-fluorobenzene	99.5	88.6 - 109		%Rec	1	10/2/2020 2:05:06 PM
Sample Moisture (Percent Moisture)				Batch ID: R62358		Analyst: RL
Percent Moisture	11.8	0.500		wt%	1	10/6/2020 12:13:00 PM

Analytical Report

Work Order: **2010002**
Date Reported: **10/8/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010002-002 **Collection Date:** 9/30/2020 7:50:00 AM
Client Sample ID: **SW-P20-55-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29862		Analyst: DW
Diesel (Fuel Oil)	ND	20.8		mg/Kg-dry	1	10/2/2020 4:04:36 PM
Heavy Oil	1,550	51.9		mg/Kg-dry	1	10/2/2020 4:04:36 PM
Surr: 2-Fluorobiphenyl	81.4	50 - 150		%Rec	1	10/2/2020 4:04:36 PM
Surr: o-Terphenyl	78.7	50 - 150		%Rec	1	10/2/2020 4:04:36 PM
Gasoline by NWTPH-Gx				Batch ID: 29885		Analyst: KT
Gasoline	ND	6.32		mg/Kg-dry	1	10/2/2020 3:05:27 PM
Surr: Toluene-d8	104	65 - 135		%Rec	1	10/2/2020 3:05:27 PM
Surr: 4-Bromofluorobenzene	99.4	65 - 135		%Rec	1	10/2/2020 3:05:27 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29885		Analyst: KT
Vinyl chloride	ND	0.0253		mg/Kg-dry	1	10/2/2020 3:05:27 PM
1,1-Dichloroethene	ND	0.0253		mg/Kg-dry	1	10/2/2020 3:05:27 PM
trans-1,2-Dichloroethene	ND	0.0253		mg/Kg-dry	1	10/2/2020 3:05:27 PM
cis-1,2-Dichloroethene	ND	0.0253		mg/Kg-dry	1	10/2/2020 3:05:27 PM
Benzene	ND	0.0253		mg/Kg-dry	1	10/2/2020 3:05:27 PM
Trichloroethene (TCE)	ND	0.0253		mg/Kg-dry	1	10/2/2020 3:05:27 PM
Toluene	ND	0.0253		mg/Kg-dry	1	10/2/2020 3:05:27 PM
Tetrachloroethene (PCE)	0.0913	0.0253		mg/Kg-dry	1	10/2/2020 3:05:27 PM
Ethylbenzene	ND	0.0316		mg/Kg-dry	1	10/2/2020 3:05:27 PM
m,p-Xylene	ND	0.0632		mg/Kg-dry	1	10/2/2020 3:05:27 PM
o-Xylene	ND	0.0316		mg/Kg-dry	1	10/2/2020 3:05:27 PM
Surr: Dibromofluoromethane	101	85.2 - 113		%Rec	1	10/2/2020 3:05:27 PM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	10/2/2020 3:05:27 PM
Surr: 1-Bromo-4-fluorobenzene	99.6	88.6 - 109		%Rec	1	10/2/2020 3:05:27 PM
Sample Moisture (Percent Moisture)				Batch ID: R62358		Analyst: RL
Percent Moisture	10.4	0.500		wt%	1	10/6/2020 12:13:00 PM

Analytical Report

Work Order: **2010002**
Date Reported: **10/8/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010002-003 **Collection Date:** 9/30/2020 7:45:00 AM
Client Sample ID: **SW-P18-60-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29899		Analyst: DW
Diesel (Fuel Oil)	ND	20.8		mg/Kg-dry	1	10/5/2020 6:53:26 PM
Heavy Oil	93.5	51.9		mg/Kg-dry	1	10/5/2020 6:53:26 PM
Surr: 2-Fluorobiphenyl	99.6	50 - 150		%Rec	1	10/5/2020 6:53:26 PM
Surr: o-Terphenyl	87.1	50 - 150		%Rec	1	10/5/2020 6:53:26 PM
Gasoline by NWTPH-Gx				Batch ID: 29885		Analyst: KT
Gasoline	ND	5.79		mg/Kg-dry	1	10/2/2020 3:35:39 PM
Surr: Toluene-d8	104	65 - 135		%Rec	1	10/2/2020 3:35:39 PM
Surr: 4-Bromofluorobenzene	99.4	65 - 135		%Rec	1	10/2/2020 3:35:39 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29885		Analyst: KT
Vinyl chloride	ND	0.0231		mg/Kg-dry	1	10/2/2020 3:35:39 PM
1,1-Dichloroethene	ND	0.0231		mg/Kg-dry	1	10/2/2020 3:35:39 PM
trans-1,2-Dichloroethene	ND	0.0231		mg/Kg-dry	1	10/2/2020 3:35:39 PM
cis-1,2-Dichloroethene	ND	0.0231		mg/Kg-dry	1	10/2/2020 3:35:39 PM
Benzene	ND	0.0231		mg/Kg-dry	1	10/2/2020 3:35:39 PM
Trichloroethene (TCE)	ND	0.0231		mg/Kg-dry	1	10/2/2020 3:35:39 PM
Toluene	ND	0.0231		mg/Kg-dry	1	10/2/2020 3:35:39 PM
Tetrachloroethene (PCE)	ND	0.0231		mg/Kg-dry	1	10/2/2020 3:35:39 PM
Ethylbenzene	ND	0.0289		mg/Kg-dry	1	10/2/2020 3:35:39 PM
m,p-Xylene	ND	0.0579		mg/Kg-dry	1	10/2/2020 3:35:39 PM
o-Xylene	ND	0.0289		mg/Kg-dry	1	10/2/2020 3:35:39 PM
Surr: Dibromofluoromethane	102	85.2 - 113		%Rec	1	10/2/2020 3:35:39 PM
Surr: Toluene-d8	101	88.5 - 110		%Rec	1	10/2/2020 3:35:39 PM
Surr: 1-Bromo-4-fluorobenzene	99.8	88.6 - 109		%Rec	1	10/2/2020 3:35:39 PM
Sample Moisture (Percent Moisture)				Batch ID: R62358		Analyst: RL
Percent Moisture	10.0	0.500		wt%	1	10/6/2020 12:13:00 PM

Analytical Report

Work Order: **2010002**
Date Reported: **10/8/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010002-004 **Collection Date:** 9/30/2020 8:20:00 AM
Client Sample ID: **SW-P36-55-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29899		Analyst: DW
Diesel (Fuel Oil)	ND	19.5		mg/Kg-dry	1	10/5/2020 7:54:17 PM
Heavy Oil	ND	48.7		mg/Kg-dry	1	10/5/2020 7:54:17 PM
Surr: 2-Fluorobiphenyl	94.8	50 - 150		%Rec	1	10/5/2020 7:54:17 PM
Surr: o-Terphenyl	88.1	50 - 150		%Rec	1	10/5/2020 7:54:17 PM
Gasoline by NWTPH-Gx				Batch ID: 29885		Analyst: KT
Gasoline	ND	5.74		mg/Kg-dry	1	10/2/2020 4:05:51 PM
Surr: Toluene-d8	104	65 - 135		%Rec	1	10/2/2020 4:05:51 PM
Surr: 4-Bromofluorobenzene	98.4	65 - 135		%Rec	1	10/2/2020 4:05:51 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29885		Analyst: KT
Vinyl chloride	ND	0.0230		mg/Kg-dry	1	10/2/2020 4:05:51 PM
1,1-Dichloroethene	ND	0.0230		mg/Kg-dry	1	10/2/2020 4:05:51 PM
trans-1,2-Dichloroethene	ND	0.0230		mg/Kg-dry	1	10/2/2020 4:05:51 PM
cis-1,2-Dichloroethene	ND	0.0230		mg/Kg-dry	1	10/2/2020 4:05:51 PM
Benzene	ND	0.0230		mg/Kg-dry	1	10/2/2020 4:05:51 PM
Trichloroethene (TCE)	ND	0.0230		mg/Kg-dry	1	10/2/2020 4:05:51 PM
Toluene	ND	0.0230		mg/Kg-dry	1	10/2/2020 4:05:51 PM
Tetrachloroethene (PCE)	ND	0.0230		mg/Kg-dry	1	10/2/2020 4:05:51 PM
Ethylbenzene	ND	0.0287		mg/Kg-dry	1	10/2/2020 4:05:51 PM
m,p-Xylene	ND	0.0574		mg/Kg-dry	1	10/2/2020 4:05:51 PM
o-Xylene	ND	0.0287		mg/Kg-dry	1	10/2/2020 4:05:51 PM
Surr: Dibromofluoromethane	102	85.2 - 113		%Rec	1	10/2/2020 4:05:51 PM
Surr: Toluene-d8	101	88.5 - 110		%Rec	1	10/2/2020 4:05:51 PM
Surr: 1-Bromo-4-fluorobenzene	98.7	88.6 - 109		%Rec	1	10/2/2020 4:05:51 PM
Sample Moisture (Percent Moisture)				Batch ID: R62358		Analyst: RL
Percent Moisture	6.51	0.500		wt%	1	10/6/2020 12:13:00 PM

Analytical Report

Work Order: **2010002**
Date Reported: **10/8/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010002-005 **Collection Date:** 9/30/2020 8:30:00 AM
Client Sample ID: **SW-P38-55-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29899		Analyst: DW
Diesel (Fuel Oil)	ND	19.1		mg/Kg-dry	1	10/5/2020 7:54:17 PM
Heavy Oil	ND	47.8		mg/Kg-dry	1	10/5/2020 7:54:17 PM
Surr: 2-Fluorobiphenyl	92.4	50 - 150		%Rec	1	10/5/2020 7:54:17 PM
Surr: o-Terphenyl	82.3	50 - 150		%Rec	1	10/5/2020 7:54:17 PM
Gasoline by NWTPH-Gx				Batch ID: 29885		Analyst: KT
Gasoline	ND	5.28		mg/Kg-dry	1	10/2/2020 4:36:03 PM
Surr: Toluene-d8	105	65 - 135		%Rec	1	10/2/2020 4:36:03 PM
Surr: 4-Bromofluorobenzene	99.3	65 - 135		%Rec	1	10/2/2020 4:36:03 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29885		Analyst: KT
Vinyl chloride	ND	0.0211		mg/Kg-dry	1	10/2/2020 4:36:03 PM
1,1-Dichloroethene	ND	0.0211		mg/Kg-dry	1	10/2/2020 4:36:03 PM
trans-1,2-Dichloroethene	ND	0.0211		mg/Kg-dry	1	10/2/2020 4:36:03 PM
cis-1,2-Dichloroethene	ND	0.0211		mg/Kg-dry	1	10/2/2020 4:36:03 PM
Benzene	ND	0.0211		mg/Kg-dry	1	10/2/2020 4:36:03 PM
Trichloroethene (TCE)	ND	0.0211		mg/Kg-dry	1	10/2/2020 4:36:03 PM
Toluene	ND	0.0211		mg/Kg-dry	1	10/2/2020 4:36:03 PM
Tetrachloroethene (PCE)	ND	0.0211		mg/Kg-dry	1	10/2/2020 4:36:03 PM
Ethylbenzene	ND	0.0264		mg/Kg-dry	1	10/2/2020 4:36:03 PM
m,p-Xylene	ND	0.0528		mg/Kg-dry	1	10/2/2020 4:36:03 PM
o-Xylene	ND	0.0264		mg/Kg-dry	1	10/2/2020 4:36:03 PM
Surr: Dibromofluoromethane	103	85.2 - 113		%Rec	1	10/2/2020 4:36:03 PM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	10/2/2020 4:36:03 PM
Surr: 1-Bromo-4-fluorobenzene	99.7	88.6 - 109		%Rec	1	10/2/2020 4:36:03 PM
Sample Moisture (Percent Moisture)				Batch ID: R62358		Analyst: RL
Percent Moisture	7.69	0.500		wt%	1	10/6/2020 12:13:00 PM

Analytical Report

Work Order: **2010002**
Date Reported: **10/8/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010002-006 **Collection Date:** 9/30/2020 9:30:00 AM
Client Sample ID: **SW-P40-60-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29862		Analyst: DW
Diesel (Fuel Oil)	ND	20.0		mg/Kg-dry	1	10/2/2020 4:34:38 PM
Heavy Oil	ND	50.0		mg/Kg-dry	1	10/5/2020 12:40:44 PM
Surr: 2-Fluorobiphenyl	85.4	50 - 150		%Rec	1	10/2/2020 4:34:38 PM
Surr: o-Terphenyl	80.4	50 - 150		%Rec	1	10/2/2020 4:34:38 PM
Gasoline by NWTPH-Gx				Batch ID: 29885		Analyst: KT
Gasoline	ND	5.57		mg/Kg-dry	1	10/2/2020 5:06:19 PM
Surr: Toluene-d8	104	65 - 135		%Rec	1	10/2/2020 5:06:19 PM
Surr: 4-Bromofluorobenzene	99.0	65 - 135		%Rec	1	10/2/2020 5:06:19 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29885		Analyst: KT
Vinyl chloride	ND	0.0223		mg/Kg-dry	1	10/2/2020 5:06:19 PM
1,1-Dichloroethene	ND	0.0223		mg/Kg-dry	1	10/2/2020 5:06:19 PM
trans-1,2-Dichloroethene	ND	0.0223		mg/Kg-dry	1	10/2/2020 5:06:19 PM
cis-1,2-Dichloroethene	ND	0.0223		mg/Kg-dry	1	10/2/2020 5:06:19 PM
Benzene	ND	0.0223		mg/Kg-dry	1	10/2/2020 5:06:19 PM
Trichloroethene (TCE)	ND	0.0223		mg/Kg-dry	1	10/2/2020 5:06:19 PM
Toluene	ND	0.0223		mg/Kg-dry	1	10/2/2020 5:06:19 PM
Tetrachloroethene (PCE)	ND	0.0223		mg/Kg-dry	1	10/2/2020 5:06:19 PM
Ethylbenzene	ND	0.0278		mg/Kg-dry	1	10/2/2020 5:06:19 PM
m,p-Xylene	ND	0.0557		mg/Kg-dry	1	10/2/2020 5:06:19 PM
o-Xylene	ND	0.0278		mg/Kg-dry	1	10/2/2020 5:06:19 PM
Surr: Dibromofluoromethane	103	85.2 - 113		%Rec	1	10/2/2020 5:06:19 PM
Surr: Toluene-d8	101	88.5 - 110		%Rec	1	10/2/2020 5:06:19 PM
Surr: 1-Bromo-4-fluorobenzene	99.4	88.6 - 109		%Rec	1	10/2/2020 5:06:19 PM
Sample Moisture (Percent Moisture)				Batch ID: R62358		Analyst: RL
Percent Moisture	10.0	0.500		wt%	1	10/6/2020 12:13:00 PM

Analytical Report

Work Order: **2010002**
Date Reported: **10/8/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010002-007 **Collection Date:** 9/30/2020 9:35:00 AM
Client Sample ID: **SW-P42-60-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29899		Analyst: DW
Diesel (Fuel Oil)	ND	20.0		mg/Kg-dry	1	10/5/2020 8:24:38 PM
Heavy Oil	ND	50.0		mg/Kg-dry	1	10/5/2020 8:24:38 PM
Surr: 2-Fluorobiphenyl	100	50 - 150		%Rec	1	10/5/2020 8:24:38 PM
Surr: o-Terphenyl	92.8	50 - 150		%Rec	1	10/5/2020 8:24:38 PM
Gasoline by NWTPH-Gx				Batch ID: 29885		Analyst: KT
Gasoline	ND	4.32		mg/Kg-dry	1	10/2/2020 5:36:30 PM
Surr: Toluene-d8	105	65 - 135		%Rec	1	10/2/2020 5:36:30 PM
Surr: 4-Bromofluorobenzene	98.3	65 - 135		%Rec	1	10/2/2020 5:36:30 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29885		Analyst: KT
Vinyl chloride	ND	0.0173		mg/Kg-dry	1	10/2/2020 5:36:30 PM
1,1-Dichloroethene	ND	0.0173		mg/Kg-dry	1	10/2/2020 5:36:30 PM
trans-1,2-Dichloroethene	ND	0.0173		mg/Kg-dry	1	10/2/2020 5:36:30 PM
cis-1,2-Dichloroethene	ND	0.0173		mg/Kg-dry	1	10/2/2020 5:36:30 PM
Benzene	ND	0.0173		mg/Kg-dry	1	10/2/2020 5:36:30 PM
Trichloroethene (TCE)	ND	0.0173		mg/Kg-dry	1	10/2/2020 5:36:30 PM
Toluene	ND	0.0173		mg/Kg-dry	1	10/2/2020 5:36:30 PM
Tetrachloroethene (PCE)	ND	0.0173		mg/Kg-dry	1	10/2/2020 5:36:30 PM
Ethylbenzene	ND	0.0216		mg/Kg-dry	1	10/2/2020 5:36:30 PM
m,p-Xylene	ND	0.0432		mg/Kg-dry	1	10/2/2020 5:36:30 PM
o-Xylene	ND	0.0216		mg/Kg-dry	1	10/2/2020 5:36:30 PM
Surr: Dibromofluoromethane	102	85.2 - 113		%Rec	1	10/2/2020 5:36:30 PM
Surr: Toluene-d8	101	88.5 - 110		%Rec	1	10/2/2020 5:36:30 PM
Surr: 1-Bromo-4-fluorobenzene	98.7	88.6 - 109		%Rec	1	10/2/2020 5:36:30 PM
Sample Moisture (Percent Moisture)				Batch ID: R62358		Analyst: RL
Percent Moisture	10.6	0.500		wt%	1	10/6/2020 12:13:00 PM

Analytical Report

Work Order: **2010002**
Date Reported: **10/8/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010002-008 **Collection Date:** 9/29/2020 3:18:00 PM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Gasoline by NWTPH-Gx				Batch ID: 29877		Analyst: CR
Gasoline	ND	5.00		mg/Kg	1	10/2/2020 11:06:57 AM
Surr: Toluene-d8	100	65 - 135		%Rec	1	10/2/2020 11:06:57 AM
Surr: 4-Bromofluorobenzene	90.0	65 - 135		%Rec	1	10/2/2020 11:06:57 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 29877		Analyst: CR
Vinyl chloride	ND	0.0200		mg/Kg	1	10/2/2020 11:06:57 AM
1,1-Dichloroethene	ND	0.0200		mg/Kg	1	10/2/2020 11:06:57 AM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/2/2020 11:06:57 AM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/2/2020 11:06:57 AM
Benzene	ND	0.0200		mg/Kg	1	10/2/2020 11:06:57 AM
Trichloroethene (TCE)	ND	0.0200		mg/Kg	1	10/2/2020 11:06:57 AM
Toluene	ND	0.0200		mg/Kg	1	10/2/2020 11:06:57 AM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg	1	10/2/2020 11:06:57 AM
Ethylbenzene	ND	0.0250		mg/Kg	1	10/2/2020 11:06:57 AM
m,p-Xylene	ND	0.0500		mg/Kg	1	10/2/2020 11:06:57 AM
o-Xylene	ND	0.0250		mg/Kg	1	10/2/2020 11:06:57 AM
Surr: Dibromofluoromethane	95.4	85.2 - 113		%Rec	1	10/2/2020 11:06:57 AM
Surr: Toluene-d8	98.7	88.5 - 110		%Rec	1	10/2/2020 11:06:57 AM
Surr: 1-Bromo-4-fluorobenzene	95.3	88.6 - 109		%Rec	1	10/2/2020 11:06:57 AM

Work Order: 2010002
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-29862** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/1/2020** RunNo: **62265**
Client ID: **MBLKS** Batch ID: **29862** Analysis Date: **10/1/2020** SeqNo: **1249177**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	16.3		20.00		81.4	50	150				
Surr: o-Terphenyl	15.0		20.00		74.9	50	150				

Sample ID: **LCS-29862** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/1/2020** RunNo: **62265**
Client ID: **LCSS** Batch ID: **29862** Analysis Date: **10/1/2020** SeqNo: **1249181**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	412	20.0	500.0	0	82.4	65	135				
Surr: 2-Fluorobiphenyl	16.9		20.00		84.5	50	150				
Surr: o-Terphenyl	18.0		20.00		90.3	50	150				

Sample ID: **2009528-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/1/2020** RunNo: **62265**
Client ID: **BATCH** Batch ID: **29862** Analysis Date: **10/1/2020** SeqNo: **1249498**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	479	21.6	541.1	0	88.4	65	135				
Surr: 2-Fluorobiphenyl	17.2		21.64		79.3	50	150				
Surr: o-Terphenyl	18.9		21.64		87.2	50	150				

Sample ID: **2009528-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/1/2020** RunNo: **62265**
Client ID: **BATCH** Batch ID: **29862** Analysis Date: **10/1/2020** SeqNo: **1249499**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	511	21.9	548.6	0	93.2	65	135	478.5	6.57	30	
Surr: 2-Fluorobiphenyl	18.9		21.94		86.0	50	150		0		
Surr: o-Terphenyl	20.3		21.94		92.7	50	150		0		

Work Order: 2010002
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-29899** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/5/2020** RunNo: **62340**
Client ID: **MBLKS** Batch ID: **29899** Analysis Date: **10/5/2020** SeqNo: **1250739**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	18.6		20.00		92.8	50	150				
Surr: o-Terphenyl	16.7		20.00		83.6	50	150				

Sample ID: **LCS-29899** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/5/2020** RunNo: **62340**
Client ID: **LCSS** Batch ID: **29899** Analysis Date: **10/5/2020** SeqNo: **1250740**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	448	20.0	500.0	0	89.6	65	135				
Surr: 2-Fluorobiphenyl	19.1		20.00		95.4	50	150				
Surr: o-Terphenyl	19.8		20.00		99.0	50	150				

Sample ID: **2010019-005ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/5/2020** RunNo: **62340**
Client ID: **BATCH** Batch ID: **29899** Analysis Date: **10/5/2020** SeqNo: **1250904**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	19.6						0		30	
Heavy Oil	ND	48.9						0		30	
Surr: 2-Fluorobiphenyl	18.7		19.57		95.7	50	150		0		
Surr: o-Terphenyl	16.8		19.57		86.1	50	150		0		

Sample ID: **2010002-003AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/5/2020** RunNo: **62340**
Client ID: **SW-P18-60-S** Batch ID: **29899** Analysis Date: **10/5/2020** SeqNo: **1250910**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	391	19.1	478.3	0	81.8	65	135				
Surr: 2-Fluorobiphenyl	18.6		19.13		97.4	50	150				
Surr: o-Terphenyl	19.1		19.13		99.8	50	150				

Work Order: 2010002
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2010002-003AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/5/2020** RunNo: **62340**
Client ID: **SW-P18-60-S** Batch ID: **29899** Analysis Date: **10/5/2020** SeqNo: **1250910**

Sample ID: **2010002-003AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/5/2020** RunNo: **62340**
Client ID: **SW-P18-60-S** Batch ID: **29899** Analysis Date: **10/5/2020** SeqNo: **1250913**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	516	21.9	546.5	0	94.5	65	135	391.3	27.6	30	
Surr: 2-Fluorobiphenyl	21.8		21.86		99.7	50	150		0		
Surr: o-Terphenyl	22.6		21.86		104	50	150		0		

Work Order: 2010002
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-29877**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/2/2020**	RunNo: **62316**
Client ID: **LCSS**	Batch ID: **29877**		Analysis Date: **10/2/2020**	SeqNo: **1250315**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	24.3	5.00	25.00	0	97.2	65	135				
Surr: Toluene-d8	1.26		1.250		101	65	135				
Surr: 4-Bromofluorobenzene	1.18		1.250		94.1	65	135				

Sample ID: **MB-29877**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/2/2020**	RunNo: **62316**
Client ID: **MBLKS**	Batch ID: **29877**		Analysis Date: **10/2/2020**	SeqNo: **1250316**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.25		1.250		100	65	135				
Surr: 4-Bromofluorobenzene	1.13		1.250		90.5	65	135				

Sample ID: **2009556-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/2/2020**	RunNo: **62316**
Client ID: **BATCH**	Batch ID: **29877**		Analysis Date: **10/2/2020**	SeqNo: **1250293**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.03						0		30	
Surr: Toluene-d8	1.27		1.258		101	65	135		0		
Surr: 4-Bromofluorobenzene	1.13		1.258		89.4	65	135		0		

Sample ID: **LCS-29885**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/2/2020**	RunNo: **62306**
Client ID: **LCSS**	Batch ID: **29885**		Analysis Date: **10/2/2020**	SeqNo: **1250103**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	29.6	5.00	25.00	0	118	65	135				
Surr: Toluene-d8	1.31		1.250		105	65	135				
Surr: 4-Bromofluorobenzene	1.25		1.250		100	65	135				

Work Order: 2010002
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **MB-29885**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/2/2020**	RunNo: **62306**
Client ID: **MBLKS**	Batch ID: **29885**		Analysis Date: **10/2/2020**	SeqNo: **1250104**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.30		1.250		104	65	135				
Surr: 4-Bromofluorobenzene	1.24		1.250		98.9	65	135				

Sample ID: **2010002-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/2/2020**	RunNo: **62306**
Client ID: **SW-P22-55-S**	Batch ID: **29885**		Analysis Date: **10/2/2020**	SeqNo: **1250092**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	6.76						0		30	
Surr: Toluene-d8	1.76		1.689		104	65	135		0		
Surr: 4-Bromofluorobenzene	1.67		1.689		99.1	65	135		0		

Sample ID: **2010026-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/2/2020**	RunNo: **62316**
Client ID: **BATCH**	Batch ID: **29877**		Analysis Date: **10/2/2020**	SeqNo: **1250303**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.98						0		30	
Surr: Toluene-d8	1.49		1.496		99.8	65	135		0		
Surr: 4-Bromofluorobenzene	1.37		1.496		91.6	65	135		0		

Sample ID: **2010026-002BMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **10/2/2020**	RunNo: **62316**
Client ID: **BATCH**	Batch ID: **29877**		Analysis Date: **10/2/2020**	SeqNo: **1250305**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	27.4	5.61	28.05	0	97.7	65	135				
Surr: Toluene-d8	1.42		1.403		101	65	135				
Surr: 4-Bromofluorobenzene	1.32		1.403		94.4	65	135				

Work Order: 2010002
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2010026-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62316**
Client ID: **BATCH** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250306**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	25.2	5.61	28.05	0	89.7	65	135	27.39	8.45	30	
Surr: Toluene-d8	1.39		1.403		99.4	65	135		0		
Surr: 4-Bromofluorobenzene	1.35		1.403		95.9	65	135		0		

Sample ID: **2010002-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62306**
Client ID: **SW-P20-55-S** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250094**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	36.1	6.32	31.60	2.238	107	65	135				
Surr: Toluene-d8	1.65		1.580		104	65	135				
Surr: 4-Bromofluorobenzene	1.61		1.580		102	65	135				

Sample ID: **2010002-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62306**
Client ID: **SW-P20-55-S** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250095**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	34.3	6.32	31.60	2.238	102	65	135	36.06	4.93	30	
Surr: Toluene-d8	1.65		1.580		104	65	135		0		
Surr: 4-Bromofluorobenzene	1.61		1.580		102	65	135		0		

Work Order: 2010002
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-29877** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/2/2020** RunNo: **62315**
Client ID: **LCSS** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250273**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.918	0.0200	1.000	0	91.8	66	131				
1,1-Dichloroethene	0.926	0.0200	1.000	0	92.6	63.4	139				
trans-1,2-Dichloroethene	0.970	0.0200	1.000	0	97.0	80.5	116				
cis-1,2-Dichloroethene	0.979	0.0200	1.000	0	97.9	81.8	114				
Benzene	0.964	0.0200	1.000	0	96.4	79.4	116				
Trichloroethene (TCE)	0.971	0.0200	1.000	0	97.1	80.8	117				
Toluene	0.991	0.0200	1.000	0	99.1	80.5	115				
Tetrachloroethene (PCE)	1.00	0.0200	1.000	0	100	81.8	116				
Ethylbenzene	1.02	0.0250	1.000	0	102	81.6	116				
m,p-Xylene	2.01	0.0500	2.000	0	100	83.2	115				
o-Xylene	0.991	0.0250	1.000	0	99.1	82.5	114				
Surr: Dibromofluoromethane	1.25		1.250		100	85.2	113				
Surr: Toluene-d8	1.24		1.250		99.3	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.250		99.1	88.6	109				

Sample ID: **MB-29877** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/2/2020** RunNo: **62315**
Client ID: **MBLKS** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250274**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2010002
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29877** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/2/2020** RunNo: **62315**
Client ID: **MBLKS** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250274**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.20		1.250		95.7	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.2	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		95.9	88.6	109				

Sample ID: **LCS-29885** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/2/2020** RunNo: **62305**
Client ID: **LCSS** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250088**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.976	0.0200	1.000	0	97.6	66	131				
1,1-Dichloroethene	1.48	0.0200	1.000	0	148	63.4	139				S
trans-1,2-Dichloroethene	1.01	0.0200	1.000	0	101	80.5	116				
cis-1,2-Dichloroethene	1.01	0.0200	1.000	0	101	81.8	114				
Benzene	0.999	0.0200	1.000	0	99.9	79.4	116				
Trichloroethene (TCE)	0.983	0.0200	1.000	0	98.3	80.8	117				
Toluene	0.989	0.0200	1.000	0	98.9	80.5	115				
Tetrachloroethene (PCE)	0.981	0.0200	1.000	0	98.1	81.8	116				
Ethylbenzene	0.990	0.0250	1.000	0	99.0	81.6	116				
m,p-Xylene	1.99	0.0500	2.000	0	99.3	83.2	115				
o-Xylene	0.991	0.0250	1.000	0	99.1	82.5	114				
Surr: Dibromofluoromethane	1.31		1.250		105	85.2	113				
Surr: Toluene-d8	1.27		1.250		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.29		1.250		104	88.6	109				

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.

Sample ID: **2009556-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62315**
Client ID: **BATCH** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250251**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0201						0		30	

Work Order: 2010002
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009556-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62315**
Client ID: **BATCH** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250251**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0201						0		30	
trans-1,2-Dichloroethene	ND	0.0201						0		30	
cis-1,2-Dichloroethene	ND	0.0201						0		30	
Benzene	ND	0.0201						0		30	
Trichloroethene (TCE)	ND	0.0201						0		30	
Toluene	ND	0.0201						0		30	
Tetrachloroethene (PCE)	ND	0.0201						0		30	
Ethylbenzene	ND	0.0252						0		30	
m,p-Xylene	ND	0.0503						0		30	
o-Xylene	ND	0.0252						0		30	
Surr: Dibromofluoromethane	1.21		1.258		96.1	85.2	113		0		
Surr: Toluene-d8	1.23		1.258		98.2	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.19		1.258		94.8	88.6	109		0		

Sample ID: **MB-29885** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/2/2020** RunNo: **62305**
Client ID: **MBLKS** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250089**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Surr: Dibromofluoromethane	1.27		1.250		102	85.2	113				

Work Order: 2010002
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-29885** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/2/2020** RunNo: **62305**
Client ID: **MBLKS** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250089**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	1.25		1.250		100	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.250		99.2	88.6	109				

Sample ID: **2010002-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62305**
Client ID: **SW-P22-55-S** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250077**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0270						0		30	
1,1-Dichloroethene	ND	0.0270						0		30	
trans-1,2-Dichloroethene	ND	0.0270						0		30	
cis-1,2-Dichloroethene	ND	0.0270						0		30	
Benzene	ND	0.0270						0		30	
Trichloroethene (TCE)	ND	0.0270						0		30	
Toluene	ND	0.0270						0		30	
Tetrachloroethene (PCE)	0.0928	0.0270						0.08364	10.4	30	
Ethylbenzene	ND	0.0338						0		30	
m,p-Xylene	ND	0.0676						0		30	
o-Xylene	ND	0.0338						0		30	
Surr: Dibromofluoromethane	1.72		1.689		102	85.2	113		0		
Surr: Toluene-d8	1.69		1.689		100	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.68		1.689		99.4	88.6	109		0		

Sample ID: **2010026-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62315**
Client ID: **BATCH** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250263**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0239						0		30	
1,1-Dichloroethene	ND	0.0239						0		30	
trans-1,2-Dichloroethene	ND	0.0239						0		30	

Work Order: 2010002
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010026-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62315**
Client ID: **BATCH** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250263**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	ND	0.0239						0		30	
Benzene	ND	0.0239						0		30	
Trichloroethene (TCE)	ND	0.0239						0		30	
Toluene	ND	0.0239						0		30	
Tetrachloroethene (PCE)	ND	0.0239						0		30	
Ethylbenzene	ND	0.0299						0		30	
m,p-Xylene	ND	0.0598						0		30	
o-Xylene	ND	0.0299						0		30	
Surr: Dibromofluoromethane	1.45		1.496		97.2	85.2	113		0		
Surr: Toluene-d8	1.48		1.496		99.3	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.45		1.496		96.8	88.6	109		0		

Sample ID: **2009556-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62315**
Client ID: **BATCH** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250253**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.14	0.0209	1.043	0	109	52.8	150				
1,1-Dichloroethene	1.20	0.0209	1.043	0	115	62.9	149				
trans-1,2-Dichloroethene	1.24	0.0209	1.043	0	119	73.1	130				
cis-1,2-Dichloroethene	1.26	0.0209	1.043	0	121	77.5	125				
Benzene	1.26	0.0209	1.043	0.03039	118	74.6	126				
Trichloroethene (TCE)	1.22	0.0209	1.043	0	117	72	133				
Toluene	1.34	0.0209	1.043	0.07124	121	72.6	127				
Tetrachloroethene (PCE)	1.26	0.0209	1.043	0	121	72.7	128				
Ethylbenzene	1.28	0.0261	1.043	0	123	77.3	126				
m,p-Xylene	2.52	0.0522	2.087	0	121	78.5	126				
o-Xylene	1.25	0.0261	1.043	0	120	79.4	123				
Surr: Dibromofluoromethane	1.31		1.304		100	85.2	113				
Surr: Toluene-d8	1.30		1.304		99.8	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.27		1.304		97.4	88.6	109				

Work Order: 2010002
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2009556-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62315**
Client ID: **BATCH** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250253**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2009556-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62315**
Client ID: **BATCH** Batch ID: **29877** Analysis Date: **10/2/2020** SeqNo: **1250252**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.08	0.0209	1.043	0	103	52.8	150	1.137	5.47	30	
1,1-Dichloroethene	1.15	0.0209	1.043	0	110	62.9	149	1.196	3.94	30	
trans-1,2-Dichloroethene	1.19	0.0209	1.043	0	115	73.1	130	1.243	3.93	30	
cis-1,2-Dichloroethene	1.22	0.0209	1.043	0	117	77.5	125	1.258	3.39	30	
Benzene	1.23	0.0209	1.043	0.03039	115	74.6	126	1.265	2.48	30	
Trichloroethene (TCE)	1.18	0.0209	1.043	0	113	72	133	1.222	3.76	30	
Toluene	1.29	0.0209	1.043	0.07124	117	72.6	127	1.339	3.71	30	
Tetrachloroethene (PCE)	1.20	0.0209	1.043	0	115	72.7	128	1.261	5.20	30	
Ethylbenzene	1.22	0.0261	1.043	0	117	77.3	126	1.281	5.00	30	
m,p-Xylene	2.42	0.0522	2.087	0	116	78.5	126	2.523	4.22	30	
o-Xylene	1.18	0.0261	1.043	0	113	79.4	123	1.247	5.25	30	
Surr: Dibromofluoromethane	1.32		1.304		101	85.2	113		0		
Surr: Toluene-d8	1.31		1.304		100	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.27		1.304		97.4	88.6	109		0		

Sample ID: **2010002-003BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62305**
Client ID: **SW-P18-60-S** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250080**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.11	0.0231	1.157	0	95.5	52.8	150				
1,1-Dichloroethene	1.74	0.0231	1.157	0	150	62.9	149				S
trans-1,2-Dichloroethene	1.19	0.0231	1.157	0	102	73.1	130				
cis-1,2-Dichloroethene	1.19	0.0231	1.157	0	103	77.5	125				
Benzene	1.22	0.0231	1.157	0	105	74.6	126				

Work Order: 2010002
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010002-003BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62305**
Client ID: **SW-P18-60-S** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250080**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	1.20	0.0231	1.157	0	104	72	133				
Toluene	1.22	0.0231	1.157	0.007949	105	72.6	127				
Tetrachloroethene (PCE)	1.19	0.0231	1.157	0.01228	102	72.7	128				
Ethylbenzene	1.21	0.0289	1.157	0	104	77.3	126				
m,p-Xylene	2.38	0.0579	2.315	0	103	78.5	126				
o-Xylene	1.18	0.0289	1.157	0	102	79.4	123				
Surr: Dibromofluoromethane	1.52		1.447		105	85.2	113				
Surr: Toluene-d8	1.48		1.447		102	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.50		1.447		104	88.6	109				

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.

Sample ID: **2010002-003BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62305**
Client ID: **SW-P18-60-S** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250081**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.12	0.0231	1.157	0	96.4	52.8	150	1.105	0.978	30	
1,1-Dichloroethene	1.77	0.0231	1.157	0	153	62.9	149	1.742	1.42	30	S
trans-1,2-Dichloroethene	1.16	0.0231	1.157	0	100	73.1	130	1.185	2.06	30	
cis-1,2-Dichloroethene	1.17	0.0231	1.157	0	101	77.5	125	1.190	1.68	30	
Benzene	1.20	0.0231	1.157	0	103	74.6	126	1.219	1.86	30	
Trichloroethene (TCE)	1.20	0.0231	1.157	0	103	72	133	1.202	0.421	30	
Toluene	1.20	0.0231	1.157	0.007949	103	72.6	127	1.218	1.65	30	
Tetrachloroethene (PCE)	1.17	0.0231	1.157	0.01228	99.9	72.7	128	1.188	1.68	30	
Ethylbenzene	1.19	0.0289	1.157	0	103	77.3	126	1.207	1.24	30	
m,p-Xylene	2.37	0.0579	2.315	0	102	78.5	126	2.384	0.558	30	
o-Xylene	1.17	0.0289	1.157	0	101	79.4	123	1.185	1.17	30	
Surr: Dibromofluoromethane	1.53		1.447		106	85.2	113		0		
Surr: Toluene-d8	1.46		1.447		101	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.51		1.447		104	88.6	109		0		

Work Order: 2010002
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010002-003BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/2/2020** RunNo: **62305**
Client ID: **SW-P18-60-S** Batch ID: **29885** Analysis Date: **10/2/2020** SeqNo: **1250081**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010002**
Logged by:	**Carissa True**	Date Received:	**10/1/2020 8:37:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI		

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
9.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
10.	Are samples properly preserved?	Yes ☑	No ☐	
11.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
14.	Does paperwork match bottle labels?	Yes ☑	No ☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
16.	Is it clear what analyses were requested?	Yes ☑	No ☐	
17.	Were all holding times able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	4.1

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 9th 10/1/2020 Page: 1 of: 1
Laboratory Project No (internal): 2010007
Project Name: Maddux South
Special Remarks:

Client: Aspect Consulting
Project No: 160324
Address: 710 2nd Ave, Ste. 550
Collected by: DWU
City, State, Zip: Seattle, WA. 98104
Location: Maddux South
Telephone: (206)413-5411
Report To (PM): A. Yonkofski
Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)
Fax:
PM Email: ayonkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	VOCs 8260				Comments
1	SW-P22-55-S	9/30/20	0800	S		X				X								X					
2	SW-P20-55-S		0750																				
3	SW-P18-60-S		0745																				
4	SW-P36-55-S		0820																				
5	SW-P38-55-S		0830																				
6	SW-P40-60-S		0930																				
7	SW-P42-60-S		0935																				
8	Trip Blank	—	—	W		X												X					
9																							
10																							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

	Relinquished	Date/Time	Received	Date/Time
x	[signature]	10/1/2020 0810	x [signature]	10/01 08:10
x	[signature]	10/1/20 08:35	x [signature]	10/1/20 0837

Turn-around Time:
- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux South
Work Order Number: 2010059

October 06, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 1 sample(s) on 10/5/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)
Sample Moisture (Percent Moisture)

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/06/2020*

CLIENT: Aspect Consulting
Project: Maddux South
Work Order: 2010059

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010059-001	SP-P31-55-S	10/05/2020 10:25 AM	10/05/2020 2:27 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2010059**
Date: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010059**
Date Reported: **10/6/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010059-001 **Collection Date:** 10/5/2020 10:25:00 AM
Client Sample ID: **SP-P31-55-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 29906		Analyst: DW
Diesel (Fuel Oil)	ND	21.4		mg/Kg-dry	1	10/6/2020 12:37:33 AM
Diesel Range Organics (C12-C24)	109	21.4		mg/Kg-dry	1	10/6/2020 12:37:33 AM
Heavy Oil	13,700	535	D	mg/Kg-dry	10	10/6/2020 8:58:32 AM
Surr: 2-Fluorobiphenyl	99.2	50 - 150		%Rec	1	10/6/2020 12:37:33 AM
Surr: o-Terphenyl	97.5	50 - 150		%Rec	1	10/6/2020 12:37:33 AM

NOTES:
Diesel Range Organics - Indicates unresolved compounds in the Diesel range inconsistent with a known petroleum standard.

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batch ID: 29896		Analyst: SB
Naphthalene	ND	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
2-Methylnaphthalene	124	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
1-Methylnaphthalene	88.3	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
Acenaphthylene	ND	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
Acenaphthene	ND	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
Fluorene	ND	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
Phenanthrene	ND	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
Anthracene	ND	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
Fluoranthene	ND	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
Pyrene	ND	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
Benz(a)anthracene	ND	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
Chrysene	ND	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
Benzo(b)fluoranthene	ND	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
Benzo(k)fluoranthene	ND	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
Benzo(a)pyrene	ND	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
Indeno(1,2,3-cd)pyrene	ND	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
Dibenz(a,h)anthracene	ND	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
Benzo(g,h,i)perylene	ND	45.7		µg/Kg-dry	1	10/6/2020 10:10:40 AM
Surr: 2-Fluorobiphenyl	67.1	16.9 - 122		%Rec	1	10/6/2020 10:10:40 AM
Surr: Terphenyl-d14 (surr)	77.0	38.4 - 153		%Rec	1	10/6/2020 10:10:40 AM
Sample Moisture (Percent Moisture)				Batch ID: R62350		Analyst: RL
Percent Moisture	20.8	0.500		wt%	1	10/6/2020 10:12:38 AM

Work Order: 2010059
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-29906**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/5/2020**	RunNo: **62359**
Client ID: **MBLKS**	Batch ID: **29906**		Analysis Date: **10/5/2020**	SeqNo: **1251170**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	20.1		20.00		100	50	150				
Surr: o-Terphenyl	19.1		20.00		95.4	50	150				

Sample ID: **LCS-29906**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/5/2020**	RunNo: **62359**
Client ID: **LCSS**	Batch ID: **29906**		Analysis Date: **10/5/2020**	SeqNo: **1251171**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	455	20.0	500.0	0	91.0	65	135				
Surr: 2-Fluorobiphenyl	20.2		20.00		101	50	150				
Surr: o-Terphenyl	20.3		20.00		101	50	150				

Sample ID: **2010037-005AMS**	SampType: **MS**	Units: **mg/Kg**	Prep Date: **10/5/2020**	RunNo: **62359**
Client ID: **BATCH**	Batch ID: **29906**		Analysis Date: **10/5/2020**	SeqNo: **1251173**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	461	20.0	499.5	5.321	91.2	65	135				
Surr: 2-Fluorobiphenyl	21.0		19.98		105	50	150				
Surr: o-Terphenyl	21.0		19.98		105	50	150				

Sample ID: **2010037-005AMSD**	SampType: **MSD**	Units: **mg/Kg**	Prep Date: **10/5/2020**	RunNo: **62359**
Client ID: **BATCH**	Batch ID: **29906**		Analysis Date: **10/5/2020**	SeqNo: **1251174**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	421	18.7	468.2	5.321	88.7	65	135	460.8	9.12	30	
Surr: 2-Fluorobiphenyl	18.6		18.73		99.5	50	150		0		
Surr: o-Terphenyl	18.7		18.73		100	50	150		0		

Work Order: 2010059
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2010046-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/5/2020** RunNo: **62359**
Client ID: **BATCH** Batch ID: **29906** Analysis Date: **10/5/2020** SeqNo: **1251178**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	19.8						0		30	
Heavy Oil	ND	49.4						0		30	
Surr: 2-Fluorobiphenyl	19.6		19.76		99.4	50	150		0		
Surr: o-Terphenyl	18.9		19.76		95.5	50	150		0		

Work Order: 2010059
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **MB-29896** SampType: **MBLK** Units: **µg/Kg** Prep Date: **10/5/2020** RunNo: **62327**
Client ID: **MBLKS** Batch ID: **29896** Analysis Date: **10/5/2020** SeqNo: **1250490**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	40.0									
2-Methylnaphthalene	ND	40.0									
1-Methylnaphthalene	ND	40.0									
Acenaphthylene	ND	40.0									
Acenaphthene	ND	40.0									
Fluorene	ND	40.0									
Phenanthrene	ND	40.0									
Anthracene	ND	40.0									
Fluoranthene	ND	40.0									
Pyrene	ND	40.0									
Benz(a)anthracene	ND	40.0									
Chrysene	ND	40.0									
Benzo(b)fluoranthene	ND	40.0									
Benzo(k)fluoranthene	ND	40.0									
Benzo(a)pyrene	ND	40.0									
Indeno(1,2,3-cd)pyrene	ND	40.0									
Dibenz(a,h)anthracene	ND	40.0									
Benzo(g,h,i)perylene	ND	40.0									
Surr: 2-Fluorobiphenyl	451		500.0		90.3	16.9	122				
Surr: Terphenyl-d14 (surr)	529		500.0		106	38.4	153				

Sample ID: **LCS-29896** SampType: **LCS** Units: **µg/Kg** Prep Date: **10/5/2020** RunNo: **62327**
Client ID: **LCSS** Batch ID: **29896** Analysis Date: **10/5/2020** SeqNo: **1250491**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	1,120	40.0	1,000	0	112	57.2	127				
2-Methylnaphthalene	1,160	40.0	1,000	0	116	55.1	134				
1-Methylnaphthalene	1,120	40.0	1,000	0	112	56.9	136				
Acenaphthylene	1,170	40.0	1,000	0	117	58.5	132				
Acenaphthene	1,180	40.0	1,000	0	118	57.9	132				

Work Order: 2010059
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **LCS-29896** SampType: **LCS** Units: **µg/Kg** Prep Date: **10/5/2020** RunNo: **62327**
Client ID: **LCSS** Batch ID: **29896** Analysis Date: **10/5/2020** SeqNo: **1250491**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluorene	1,160	40.0	1,000	0	116	59.2	134				
Phenanthrene	1,220	40.0	1,000	0	122	57.1	135				
Anthracene	1,130	40.0	1,000	0	113	55.7	137				
Fluoranthene	1,150	40.0	1,000	0	115	58.1	134				
Pyrene	1,140	40.0	1,000	0	114	59.6	136				
Benz(a)anthracene	1,150	40.0	1,000	0	115	51.5	139				
Chrysene	1,190	40.0	1,000	0	119	58.3	130				
Benzo(b)fluoranthene	1,350	40.0	1,000	0	135	53.4	138				
Benzo(k)fluoranthene	1,000	40.0	1,000	0	100	50.9	140				
Benzo(a)pyrene	1,140	40.0	1,000	0	114	50.4	143				
Indeno(1,2,3-cd)pyrene	1,110	40.0	1,000	0	111	52.3	138				
Dibenz(a,h)anthracene	1,140	40.0	1,000	0	114	53	140				
Benzo(g,h,i)perylene	1,110	40.0	1,000	0	111	51.7	139				
Surr: 2-Fluorobiphenyl	530		500.0		106	16.9	122				
Surr: Terphenyl-d14 (surr)	584		500.0		117	38.4	153				

Sample ID: **2009550-015AMS** SampType: **MS** Units: **µg/Kg** Prep Date: **10/5/2020** RunNo: **62327**
Client ID: **BATCH** Batch ID: **29896** Analysis Date: **10/5/2020** SeqNo: **1250766**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	923	38.9	972.8	0	94.9	46	106				
2-Methylnaphthalene	964	38.9	972.8	0	99.1	45.3	117				
1-Methylnaphthalene	946	38.9	972.8	0	97.2	48.6	116				
Acenaphthylene	1,000	38.9	972.8	0	103	50	114				
Acenaphthene	988	38.9	972.8	0	102	54.9	108				
Fluorene	971	38.9	972.8	0	99.9	54.3	110				
Phenanthrene	1,030	38.9	972.8	30.37	103	48.9	114				
Anthracene	969	38.9	972.8	0	99.6	53.1	111				
Fluoranthene	1,010	38.9	972.8	13.29	103	48.5	117				
Pyrene	1,020	38.9	972.8	19.30	103	48.5	121				

Work Order: 2010059
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2009550-015AMS** SampType: **MS** Units: **µg/Kg** Prep Date: **10/5/2020** RunNo: **62327**
Client ID: **BATCH** Batch ID: **29896** Analysis Date: **10/5/2020** SeqNo: **1250766**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benz(a)anthracene	1,020	38.9	972.8	21.05	103	39.9	125				
Chrysene	1,050	38.9	972.8	41.94	104	46.8	112				
Benzo(b)fluoranthene	1,200	38.9	972.8	21.22	121	42.4	123				
Benzo(k)fluoranthene	861	38.9	972.8	15.81	86.9	41.7	122				
Benzo(a)pyrene	1,010	38.9	972.8	17.92	102	48.2	121				
Indeno(1,2,3-cd)pyrene	903	38.9	972.8	9.525	91.9	43.6	114				
Dibenz(a,h)anthracene	937	38.9	972.8	7.095	95.6	43.7	116				
Benzo(g,h,i)perylene	871	38.9	972.8	23.16	87.1	43.7	115				
Surr: 2-Fluorobiphenyl	396		486.4		81.4	16.9	122				
Surr: Terphenyl-d14 (surr)	465		486.4		95.5	38.4	153				

Sample ID: **2009550-015AMSD** SampType: **MSD** Units: **µg/Kg** Prep Date: **10/5/2020** RunNo: **62327**
Client ID: **BATCH** Batch ID: **29896** Analysis Date: **10/5/2020** SeqNo: **1250767**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	998	39.9	997.0	0	100	46	106	923.4	7.76	30	
2-Methylnaphthalene	1,050	39.9	997.0	0	105	45.3	117	963.7	8.26	30	
1-Methylnaphthalene	1,020	39.9	997.0	0	102	48.6	116	945.8	7.46	30	
Acenaphthylene	1,080	39.9	997.0	0	108	50	114	1,004	7.00	30	
Acenaphthene	1,070	39.9	997.0	0	107	54.9	108	987.8	7.83	30	
Fluorene	1,050	39.9	997.0	0	106	54.3	110	971.4	8.01	30	
Phenanthrene	1,140	39.9	997.0	30.37	111	48.9	114	1,030	9.73	30	
Anthracene	1,060	39.9	997.0	0	106	53.1	111	969.0	8.54	30	
Fluoranthene	1,110	39.9	997.0	13.29	110	48.5	117	1,011	9.05	30	
Pyrene	1,110	39.9	997.0	19.30	109	48.5	121	1,017	8.78	30	
Benz(a)anthracene	1,100	39.9	997.0	21.05	109	39.9	125	1,018	8.16	30	
Chrysene	1,150	39.9	997.0	41.94	111	46.8	112	1,052	9.17	30	
Benzo(b)fluoranthene	1,280	39.9	997.0	21.22	127	42.4	123	1,197	7.04	30	S
Benzo(k)fluoranthene	931	39.9	997.0	15.81	91.8	41.7	122	861.3	7.77	30	
Benzo(a)pyrene	1,070	39.9	997.0	17.92	105	48.2	121	1,007	5.69	30	

Work Order: 2010059
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)

Sample ID: **2009550-015AMSD** SampType: **MSD** Units: **µg/Kg** Prep Date: **10/5/2020** RunNo: **62327**
Client ID: **BATCH** Batch ID: **29896** Analysis Date: **10/5/2020** SeqNo: **1250767**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Indeno(1,2,3-cd)pyrene	846	39.9	997.0	9.525	83.9	43.6	114	903.2	6.50	30	
Dibenz(a,h)anthracene	889	39.9	997.0	7.095	88.4	43.7	116	937.0	5.31	30	
Benzo(g,h,i)perylene	777	39.9	997.0	23.16	75.6	43.7	115	870.7	11.4	30	
Surr: 2-Fluorobiphenyl	424		498.5		85.1	16.9	122		0		
Surr: Terphenyl-d14 (surr)	485		498.5		97.3	38.4	153		0		

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010059**
Logged by:	**Gabrielle Coeuille**	Date Received:	**10/5/2020 2:27:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☑	No	☐	Not Present ☐
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☑	No	☐	NA ☐

Person Notified:	Andrew Yonkofski	Date:	10/5/2020
By Whom:	Gabrielle Coeuille	Via:	☑ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	Would you like full list PAHs or just napthalenes?		
Client Instructions:			

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	0.8

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/5/2020 Page: 1 of: 1

Laboratory Project No (internal): 2010059

Project Name: Maddox South

Project No: 160324

Collected by: RAC

Location: Maddox South

Report To (PM): A. Yorkotski

PM Email: ayorkotski@espeetconsulting.com

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave Ste. 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 413-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Naphthalenes				Comments
1	SP-P31-55-S	10/5/20	1025	S						X		X					X					24 TAT
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Rachel C	10/5/2020	x Emily Hawk	10/5/20 @ 1427
Relinquished x	Date/Time	Received x	Date/Time

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux South
Work Order Number: 2010233

October 20, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 2 sample(s) on 10/15/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/20/2020*

CLIENT: Aspect Consulting
Project: Maddux South
Work Order: 2010233

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010233-001	SW-P16-55-S	10/14/2020 11:50 AM	10/15/2020 9:23 AM
2010233-002	SW-P18-55-S	10/14/2020 11:55 AM	10/15/2020 9:23 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010233**
Date: **10/20/2020**

CLIENT: Aspect Consulting
Project: Maddux South

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010233**
Date Reported: **10/20/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010233-001 **Collection Date:** 10/14/2020 11:50:00 AM
Client Sample ID: **SW-P16-55-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30035		Analyst: DW
Diesel (Fuel Oil)	ND	22.6		mg/Kg-dry	1	10/16/2020 9:44:01 AM
Heavy Oil	ND	56.6		mg/Kg-dry	1	10/16/2020 9:44:01 AM
Surr: 2-Fluorobiphenyl	95.6	50 - 150		%Rec	1	10/16/2020 9:44:01 AM
Surr: o-Terphenyl	89.9	50 - 150		%Rec	1	10/16/2020 9:44:01 AM
Gasoline by NWTPH-Gx				Batch ID: 30045		Analyst: KT
Gasoline	ND	5.47		mg/Kg-dry	1	10/16/2020 11:59:08 AM
Surr: Toluene-d8	104	65 - 135		%Rec	1	10/16/2020 11:59:08 AM
Surr: 4-Bromofluorobenzene	92.5	65 - 135		%Rec	1	10/16/2020 11:59:08 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30045		Analyst: KT
Vinyl chloride	ND	0.0219		mg/Kg-dry	1	10/16/2020 11:59:08 AM
1,1-Dichloroethene	ND	0.0219		mg/Kg-dry	1	10/16/2020 11:59:08 AM
trans-1,2-Dichloroethene	ND	0.0219		mg/Kg-dry	1	10/16/2020 11:59:08 AM
cis-1,2-Dichloroethene	ND	0.0219		mg/Kg-dry	1	10/16/2020 11:59:08 AM
Benzene	ND	0.0219		mg/Kg-dry	1	10/16/2020 11:59:08 AM
Trichloroethene (TCE)	ND	0.0219		mg/Kg-dry	1	10/16/2020 11:59:08 AM
Toluene	ND	0.0219		mg/Kg-dry	1	10/16/2020 11:59:08 AM
Tetrachloroethene (PCE)	0.772	0.0219		mg/Kg-dry	1	10/16/2020 11:59:08 AM
Ethylbenzene	ND	0.0274		mg/Kg-dry	1	10/16/2020 11:59:08 AM
m,p-Xylene	ND	0.0547		mg/Kg-dry	1	10/16/2020 11:59:08 AM
o-Xylene	ND	0.0274		mg/Kg-dry	1	10/16/2020 11:59:08 AM
Surr: Dibromofluoromethane	97.7	85.2 - 113		%Rec	1	10/16/2020 11:59:08 AM
Surr: Toluene-d8	93.6	88.5 - 110		%Rec	1	10/16/2020 11:59:08 AM
Surr: 1-Bromo-4-fluorobenzene	94.4	88.6 - 109		%Rec	1	10/16/2020 11:59:08 AM
Sample Moisture (Percent Moisture)				Batch ID: R62658		Analyst: LB
Percent Moisture	16.3	0.500		wt%	1	10/19/2020 2:38:08 PM

Analytical Report

Work Order: **2010233**
Date Reported: **10/20/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010233-002 **Collection Date:** 10/14/2020 11:55:00 AM
Client Sample ID: **SW-P18-55-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30035		Analyst: DW
Diesel (Fuel Oil)	ND	23.1		mg/Kg-dry	1	10/16/2020 10:13:58 AM
Heavy Oil	ND	57.6		mg/Kg-dry	1	10/16/2020 10:13:58 AM
Surr: 2-Fluorobiphenyl	90.2	50 - 150		%Rec	1	10/16/2020 10:13:58 AM
Surr: o-Terphenyl	84.5	50 - 150		%Rec	1	10/16/2020 10:13:58 AM
Gasoline by NWTPH-Gx				Batch ID: 30045		Analyst: KT
Gasoline	ND	5.61		mg/Kg-dry	1	10/16/2020 1:00:07 PM
Surr: Toluene-d8	104	65 - 135		%Rec	1	10/16/2020 1:00:07 PM
Surr: 4-Bromofluorobenzene	91.4	65 - 135		%Rec	1	10/16/2020 1:00:07 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30045		Analyst: KT
Vinyl chloride	ND	0.0224		mg/Kg-dry	1	10/16/2020 1:00:07 PM
1,1-Dichloroethene	ND	0.0224		mg/Kg-dry	1	10/16/2020 1:00:07 PM
trans-1,2-Dichloroethene	ND	0.0224		mg/Kg-dry	1	10/16/2020 1:00:07 PM
cis-1,2-Dichloroethene	ND	0.0224		mg/Kg-dry	1	10/16/2020 1:00:07 PM
Benzene	ND	0.0224		mg/Kg-dry	1	10/16/2020 1:00:07 PM
Trichloroethene (TCE)	ND	0.0224		mg/Kg-dry	1	10/16/2020 1:00:07 PM
Toluene	ND	0.0224		mg/Kg-dry	1	10/16/2020 1:00:07 PM
Tetrachloroethene (PCE)	0.0524	0.0224		mg/Kg-dry	1	10/16/2020 1:00:07 PM
Ethylbenzene	ND	0.0281		mg/Kg-dry	1	10/16/2020 1:00:07 PM
m,p-Xylene	ND	0.0561		mg/Kg-dry	1	10/16/2020 1:00:07 PM
o-Xylene	ND	0.0281		mg/Kg-dry	1	10/16/2020 1:00:07 PM
Surr: Dibromofluoromethane	99.2	85.2 - 113		%Rec	1	10/16/2020 1:00:07 PM
Surr: Toluene-d8	94.0	88.5 - 110		%Rec	1	10/16/2020 1:00:07 PM
Surr: 1-Bromo-4-fluorobenzene	93.3	88.6 - 109		%Rec	1	10/16/2020 1:00:07 PM
Sample Moisture (Percent Moisture)				Batch ID: R62658		Analyst: LB
Percent Moisture	18.1	0.500		wt%	1	10/19/2020 2:38:08 PM

Work Order: 2010233
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2010242-002ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/15/2020** RunNo: **62608**
Client ID: **BATCH** Batch ID: **30035** Analysis Date: **10/16/2020** SeqNo: **1256456**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.5						0		30	
Heavy Oil	ND	51.4						0		30	
Surr: 2-Fluorobiphenyl	18.0		20.54		87.4	50	150		0		
Surr: o-Terphenyl	16.7		20.54		81.1	50	150		0		

Sample ID: **MB-30035** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/15/2020** RunNo: **62608**
Client ID: **MBLKS** Batch ID: **30035** Analysis Date: **10/16/2020** SeqNo: **1256463**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	20.1		20.00		101	50	150				
Surr: o-Terphenyl	18.6		20.00		92.9	50	150				

Sample ID: **LCS-30035** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/15/2020** RunNo: **62608**
Client ID: **LCSS** Batch ID: **30035** Analysis Date: **10/16/2020** SeqNo: **1256464**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	429	20.0	500.0	0	85.8	65	135				
Surr: 2-Fluorobiphenyl	19.6		20.00		98.0	50	150				
Surr: o-Terphenyl	20.4		20.00		102	50	150				

Sample ID: **2010233-002AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/15/2020** RunNo: **62608**
Client ID: **SW-P18-55-S** Batch ID: **30035** Analysis Date: **10/16/2020** SeqNo: **1256467**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	485	22.3	556.9	0	87.0	65	135				
Surr: 2-Fluorobiphenyl	20.2		22.27		90.9	50	150				
Surr: o-Terphenyl	21.4		22.27		96.2	50	150				

Work Order: 2010233
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2010233-002AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/15/2020** RunNo: **62608**
Client ID: **SW-P18-55-S** Batch ID: **30035** Analysis Date: **10/16/2020** SeqNo: **1256467**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2010233-002AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/15/2020** RunNo: **62608**
Client ID: **SW-P18-55-S** Batch ID: **30035** Analysis Date: **10/16/2020** SeqNo: **1256468**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	503	22.9	572.5	0	87.9	65	135	484.6	3.75	30	
Surr: 2-Fluorobiphenyl	20.1		22.90		87.8	50	150		0		
Surr: o-Terphenyl	21.7		22.90		94.8	50	150		0		

Work Order: 2010233
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-30045**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/16/2020**	RunNo: **62648**
Client ID: **LCSS**	Batch ID: **30045**		Analysis Date: **10/16/2020**	SeqNo: **1257058**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	26.6	5.00	25.00	0	106	65	135				
Surr: Toluene-d8	1.30		1.250		104	65	135				
Surr: 4-Bromofluorobenzene	1.20		1.250		96.1	65	135				

Sample ID: **MB-30045**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/16/2020**	RunNo: **62648**
Client ID: **MBLKS**	Batch ID: **30045**		Analysis Date: **10/16/2020**	SeqNo: **1257059**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.31		1.250		104	65	135				
Surr: 4-Bromofluorobenzene	1.15		1.250		92.1	65	135				

Sample ID: **2010233-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/16/2020**	RunNo: **62648**
Client ID: **SW-P16-55-S**	Batch ID: **30045**		Analysis Date: **10/16/2020**	SeqNo: **1257044**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.47						0		30	
Surr: Toluene-d8	1.43		1.368		105	65	135		0		
Surr: 4-Bromofluorobenzene	1.28		1.368		93.4	65	135		0		

Sample ID: **2010205-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/16/2020**	RunNo: **62648**
Client ID: **BATCH**	Batch ID: **30045**		Analysis Date: **10/16/2020**	SeqNo: **1257042**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	2,010	501						1,656	19.2	30	D
Surr: Toluene-d8	131		125.4		105	65	135		0		D
Surr: 4-Bromofluorobenzene	120		125.4		95.5	65	135		0		D

Work Order: 2010233
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2010233-002BMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **10/16/2020**	RunNo: **62648**
Client ID: **SW-P18-55-S**	Batch ID: **30045**		Analysis Date: **10/16/2020**	SeqNo: **1257046**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	28.8	5.61	28.05	0	103	65	135				
Surr: Toluene-d8	1.46		1.403		104	65	135				
Surr: 4-Bromofluorobenzene	1.34		1.403		95.5	65	135				

Sample ID: **2010233-002BMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **10/16/2020**	RunNo: **62648**
Client ID: **SW-P18-55-S**	Batch ID: **30045**		Analysis Date: **10/16/2020**	SeqNo: **1257047**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	27.1	5.61	28.05	0	96.7	65	135	28.78	5.85	30	
Surr: Toluene-d8	1.47		1.403		105	65	135		0		
Surr: 4-Bromofluorobenzene	1.33		1.403		94.9	65	135		0		

Work Order: 2010233
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30045** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **LCSS** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257037**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.11	0.0200	1.000	0	111	66	131				
1,1-Dichloroethene	1.13	0.0200	1.000	0	113	63.4	139				
trans-1,2-Dichloroethene	1.05	0.0200	1.000	0	105	80.5	116				
cis-1,2-Dichloroethene	1.05	0.0200	1.000	0	105	81.8	114				
Benzene	1.05	0.0200	1.000	0	105	79.4	116				
Trichloroethene (TCE)	1.02	0.0200	1.000	0	102	80.8	117				
Toluene	0.978	0.0200	1.000	0	97.8	80.5	115				
Tetrachloroethene (PCE)	0.958	0.0200	1.000	0	95.8	81.8	116				
Ethylbenzene	1.01	0.0250	1.000	0	101	81.6	116				
m,p-Xylene	2.05	0.0500	2.000	0	102	83.2	115				
o-Xylene	1.02	0.0250	1.000	0	102	82.5	114				
Surr: Dibromofluoromethane	1.31		1.250		105	85.2	113				
Surr: Toluene-d8	1.19		1.250		95.1	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.26		1.250		101	88.6	109				

Sample ID: **MB-30045** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **MBLKS** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257038**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2010233
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-30045** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **MBLKS** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257038**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.21		1.250		96.7	85.2	113				
Surr: Toluene-d8	1.19		1.250		95.0	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.17		1.250		93.9	88.6	109				

Sample ID: **2010233-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **SW-P16-55-S** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257015**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0219						0		30	
1,1-Dichloroethene	ND	0.0219						0		30	
trans-1,2-Dichloroethene	ND	0.0219						0		30	
cis-1,2-Dichloroethene	ND	0.0219						0		30	
Benzene	ND	0.0219						0		30	
Trichloroethene (TCE)	ND	0.0219						0		30	
Toluene	ND	0.0219						0		30	
Tetrachloroethene (PCE)	0.807	0.0219						0.7725	4.33	30	
Ethylbenzene	ND	0.0274						0		30	
m,p-Xylene	ND	0.0547						0		30	
o-Xylene	ND	0.0274						0		30	
Surr: Dibromofluoromethane	1.34		1.368		98.1	85.2	113		0		
Surr: Toluene-d8	1.30		1.368		94.9	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.30		1.368		95.3	88.6	109		0		

Sample ID: **2010205-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **BATCH** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257013**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	2.01						0		30	D
1,1-Dichloroethene	ND	2.01						0		30	D

Work Order: 2010233
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010205-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **BATCH** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257013**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	2.01						0		30	D
cis-1,2-Dichloroethene	ND	2.01						0		30	D
Benzene	ND	2.01						0		30	D
Trichloroethene (TCE)	ND	2.01						0		30	D
Toluene	ND	2.01						0		30	D
Tetrachloroethene (PCE)	ND	2.01						0		30	D
Ethylbenzene	ND	2.51						0		30	D
m,p-Xylene	ND	5.01						0		30	D
o-Xylene	ND	2.51						0		30	D
Surr: Dibromofluoromethane	129		125.4		103	85.2	113		0		D
Surr: Toluene-d8	117		125.4		93.1	88.5	110		0		D
Surr: 1-Bromo-4-fluorobenzene	122		125.4		97.3	88.6	109		0		D

Sample ID: **2010235-003BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **BATCH** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257019**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.07	0.0235	1.174	0	91.2	52.8	150				
1,1-Dichloroethene	1.21	0.0235	1.174	0	103	62.9	149				
trans-1,2-Dichloroethene	1.22	0.0235	1.174	0	104	73.1	130				
cis-1,2-Dichloroethene	1.26	0.0235	1.174	0	107	77.5	125				
Benzene	1.28	0.0235	1.174	0	109	74.6	126				
Trichloroethene (TCE)	1.20	0.0235	1.174	0	102	72	133				
Toluene	1.16	0.0235	1.174	0	99.1	72.6	127				
Tetrachloroethene (PCE)	1.10	0.0235	1.174	0	93.8	72.7	128				
Ethylbenzene	1.18	0.0293	1.174	0	100	77.3	126				
m,p-Xylene	2.42	0.0587	2.347	0	103	78.5	126				
o-Xylene	1.21	0.0293	1.174	0	103	79.4	123				
Surr: Dibromofluoromethane	1.49		1.467		101	85.2	113				
Surr: Toluene-d8	1.40		1.467		95.1	88.5	110				

Work Order: 2010233
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010235-003BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **BATCH** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257019**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	1.44		1.467		98.0	88.6	109				

Sample ID: **2010235-003BMSD** SampType: **MSD** Units: **mg/Kg** Prep Date: **10/16/2020** RunNo: **62647**
Client ID: **BATCH** Batch ID: **30045** Analysis Date: **10/16/2020** SeqNo: **1257020**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.10	0.0235	1.174	0	93.9	52.8	150	1.070	2.93	30	
1,1-Dichloroethene	1.23	0.0235	1.174	0	105	62.9	149	1.210	1.44	30	
trans-1,2-Dichloroethene	1.22	0.0235	1.174	0	104	73.1	130	1.219	0.0912	30	
cis-1,2-Dichloroethene	1.26	0.0235	1.174	0	108	77.5	125	1.259	0.232	30	
Benzene	1.28	0.0235	1.174	0	109	74.6	126	1.285	0.0153	30	
Trichloroethene (TCE)	1.20	0.0235	1.174	0	102	72	133	1.201	0.0585	30	
Toluene	1.15	0.0235	1.174	0	97.9	72.6	127	1.163	1.24	30	
Tetrachloroethene (PCE)	1.09	0.0235	1.174	0	92.8	72.7	128	1.101	1.05	30	
Ethylbenzene	1.16	0.0293	1.174	0	99.1	77.3	126	1.178	1.25	30	
m,p-Xylene	2.38	0.0587	2.347	0	101	78.5	126	2.417	1.55	30	
o-Xylene	1.19	0.0293	1.174	0	102	79.4	123	1.206	0.877	30	
Surr: Dibromofluoromethane	1.58		1.467		107	85.2	113		0		
Surr: Toluene-d8	1.40		1.467		95.1	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.44		1.467		98.0	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010233**
Logged by:	**Gabrielle Coeuille**	Date Received:	**10/15/2020 9:23:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	0.6

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/14/20 Page: 1 of: 1
Laboratory Project No (internal): 2010233
Project Name: Maddux South
Special Remarks:
Project No: 160324
Client: Aspect Consulting
Collected by: Kristin Beck
Address: 710 2nd Ave. Suite 550
Location: Seattle, WA
City, State, Zip: Seattle, WA 98104
Report To (PM): Andrew Yonkofski
Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)
Telephone:
PM Email: ayonkofski@aspectconsulting.com
Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX by 8260	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs by 8260				Comments
1	SW-P16-55-S	10/14/20	1150	S			X	X		X							X				
2	SW-P18-55-S	↓	1155	S			X	X		X							X				
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard
☒ 3 Day
☐ 2 Day
☐ Next Day
Same Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Kat Beck	10/15/20 @ 9:54	x Gabrielle Coulter	10/15/20 8:54
x Gabrielle Coulter	10/15/20 09:19	x Claire Anderson	10/15/20 0923

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux South
Work Order Number: 2010262

October 20, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 4 sample(s) on 10/16/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/20/2020*

CLIENT: Aspect Consulting
Project: Maddux South
Work Order: 2010262

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010262-001	SW-P20-50-S	10/16/2020 7:55 AM	10/16/2020 9:11 AM
2010262-002	SW-P22-50-S	10/16/2020 8:00 AM	10/16/2020 9:11 AM
2010262-003	SW-P24-50-S	10/16/2020 8:15 AM	10/16/2020 9:11 AM
2010262-004	SW-P14-55-S	10/16/2020 8:35 AM	10/16/2020 9:11 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010262**
Date: **10/20/2020**

CLIENT: Aspect Consulting
Project: Maddux South

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010262**
Date Reported: **10/20/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010262-001 **Collection Date:** 10/16/2020 7:55:00 AM
Client Sample ID: **SW-P20-50-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30050		Analyst: DW
Diesel (Fuel Oil)	ND	18.4		mg/Kg-dry	1	10/19/2020 12:59:57 PM
Heavy Oil	6,950	46.1		mg/Kg-dry	1	10/19/2020 12:59:57 PM
Surr: 2-Fluorobiphenyl	99.1	50 - 150		%Rec	1	10/19/2020 12:59:57 PM
Surr: o-Terphenyl	79.2	50 - 150		%Rec	1	10/19/2020 12:59:57 PM
Gasoline by NWTPH-Gx				Batch ID: 30060		Analyst: KT
Gasoline	ND	7.07		mg/Kg-dry	1	10/19/2020 11:42:23 AM
Surr: Toluene-d8	122	65 - 135		%Rec	1	10/19/2020 11:42:23 AM
Surr: 4-Bromofluorobenzene	87.0	65 - 135		%Rec	1	10/19/2020 11:42:23 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0283		mg/Kg-dry	1	10/19/2020 11:42:23 AM
1,1-Dichloroethene	ND	0.0283		mg/Kg-dry	1	10/19/2020 11:42:23 AM
trans-1,2-Dichloroethene	ND	0.0283		mg/Kg-dry	1	10/19/2020 11:42:23 AM
cis-1,2-Dichloroethene	ND	0.0283		mg/Kg-dry	1	10/19/2020 11:42:23 AM
Benzene	ND	0.0283		mg/Kg-dry	1	10/19/2020 11:42:23 AM
Trichloroethene (TCE)	ND	0.0283		mg/Kg-dry	1	10/19/2020 11:42:23 AM
Toluene	ND	0.0283		mg/Kg-dry	1	10/19/2020 11:42:23 AM
Tetrachloroethene (PCE)	0.194	0.0283		mg/Kg-dry	1	10/19/2020 11:42:23 AM
Ethylbenzene	ND	0.0354		mg/Kg-dry	1	10/19/2020 11:42:23 AM
m,p-Xylene	ND	0.0707		mg/Kg-dry	1	10/19/2020 11:42:23 AM
o-Xylene	ND	0.0354		mg/Kg-dry	1	10/19/2020 11:42:23 AM
Surr: Dibromofluoromethane	102	85.2 - 113		%Rec	1	10/19/2020 11:42:23 AM
Surr: Toluene-d8	106	88.5 - 110		%Rec	1	10/19/2020 11:42:23 AM
Surr: 1-Bromo-4-fluorobenzene	88.8	88.6 - 109		%Rec	1	10/19/2020 11:42:23 AM
Sample Moisture (Percent Moisture)				Batch ID: R62658		Analyst: LB
Percent Moisture	9.22	0.500		wt%	1	10/19/2020 2:38:08 PM

Analytical Report

Work Order: **2010262**
Date Reported: **10/20/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010262-002 **Collection Date:** 10/16/2020 8:00:00 AM
Client Sample ID: **SW-P22-50-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30050		Analyst: DW
Diesel (Fuel Oil)	ND	19.9		mg/Kg-dry	1	10/19/2020 1:29:45 PM
Heavy Oil	3,340	49.8		mg/Kg-dry	1	10/19/2020 1:29:45 PM
Surr: 2-Fluorobiphenyl	103	50 - 150		%Rec	1	10/19/2020 1:29:45 PM
Surr: o-Terphenyl	81.8	50 - 150		%Rec	1	10/19/2020 1:29:45 PM
Gasoline by NWTPH-Gx				Batch ID: 30060		Analyst: KT
Gasoline	ND	4.38		mg/Kg-dry	1	10/19/2020 12:43:08 PM
Surr: Toluene-d8	111	65 - 135		%Rec	1	10/19/2020 12:43:08 PM
Surr: 4-Bromofluorobenzene	81.1	65 - 135		%Rec	1	10/19/2020 12:43:08 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0175		mg/Kg-dry	1	10/19/2020 12:43:08 PM
1,1-Dichloroethene	ND	0.0175		mg/Kg-dry	1	10/19/2020 12:43:08 PM
trans-1,2-Dichloroethene	ND	0.0175		mg/Kg-dry	1	10/19/2020 12:43:08 PM
cis-1,2-Dichloroethene	ND	0.0175		mg/Kg-dry	1	10/19/2020 12:43:08 PM
Benzene	ND	0.0175		mg/Kg-dry	1	10/19/2020 12:43:08 PM
Trichloroethene (TCE)	ND	0.0175		mg/Kg-dry	1	10/19/2020 12:43:08 PM
Toluene	ND	0.0175		mg/Kg-dry	1	10/19/2020 12:43:08 PM
Tetrachloroethene (PCE)	0.0898	0.0175		mg/Kg-dry	1	10/19/2020 12:43:08 PM
Ethylbenzene	ND	0.0219		mg/Kg-dry	1	10/19/2020 12:43:08 PM
m,p-Xylene	ND	0.0438		mg/Kg-dry	1	10/19/2020 12:43:08 PM
o-Xylene	ND	0.0219		mg/Kg-dry	1	10/19/2020 12:43:08 PM
Surr: Dibromofluoromethane	97.9	85.2 - 113		%Rec	1	10/19/2020 12:43:08 PM
Surr: Toluene-d8	111	88.5 - 110	S	%Rec	1	10/19/2020 12:43:08 PM
Surr: 1-Bromo-4-fluorobenzene	81.3	88.6 - 109	S	%Rec	1	10/19/2020 12:43:08 PM

NOTES:
S - Outlying surrogate recovery(ies) observed.

Sample Moisture (Percent Moisture)				Batch ID: R62658		Analyst: LB
Percent Moisture	11.1	0.500		wt%	1	10/19/2020 2:38:08 PM

Analytical Report

Work Order: **2010262**
Date Reported: **10/20/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010262-003 **Collection Date:** 10/16/2020 8:15:00 AM
Client Sample ID: **SW-P24-50-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30050		Analyst: DW
Diesel (Fuel Oil)	ND	22.3		mg/Kg-dry	1	10/19/2020 1:59:31 PM
Heavy Oil	5,480	55.7		mg/Kg-dry	1	10/19/2020 1:59:31 PM
Surr: 2-Fluorobiphenyl	94.4	50 - 150		%Rec	1	10/19/2020 1:59:31 PM
Surr: o-Terphenyl	74.9	50 - 150		%Rec	1	10/19/2020 1:59:31 PM
Gasoline by NWTPH-Gx				Batch ID: 30060		Analyst: KT
Gasoline	ND	6.15		mg/Kg-dry	1	10/19/2020 1:13:24 PM
Surr: Toluene-d8	96.1	65 - 135		%Rec	1	10/19/2020 1:13:24 PM
Surr: 4-Bromofluorobenzene	92.1	65 - 135		%Rec	1	10/19/2020 1:13:24 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0246		mg/Kg-dry	1	10/19/2020 1:13:24 PM
1,1-Dichloroethene	ND	0.0246		mg/Kg-dry	1	10/19/2020 1:13:24 PM
trans-1,2-Dichloroethene	ND	0.0246		mg/Kg-dry	1	10/19/2020 1:13:24 PM
cis-1,2-Dichloroethene	ND	0.0246		mg/Kg-dry	1	10/19/2020 1:13:24 PM
Benzene	ND	0.0246		mg/Kg-dry	1	10/19/2020 1:13:24 PM
Trichloroethene (TCE)	ND	0.0246		mg/Kg-dry	1	10/19/2020 1:13:24 PM
Toluene	ND	0.0246		mg/Kg-dry	1	10/19/2020 1:13:24 PM
Tetrachloroethene (PCE)	0.164	0.0246		mg/Kg-dry	1	10/19/2020 1:13:24 PM
Ethylbenzene	ND	0.0308		mg/Kg-dry	1	10/19/2020 1:13:24 PM
m,p-Xylene	ND	0.0615		mg/Kg-dry	1	10/19/2020 1:13:24 PM
o-Xylene	ND	0.0308		mg/Kg-dry	1	10/19/2020 1:13:24 PM
Surr: Dibromofluoromethane	99.3	85.2 - 113		%Rec	1	10/19/2020 1:13:24 PM
Surr: Toluene-d8	90.9	88.5 - 110		%Rec	1	10/19/2020 1:13:24 PM
Surr: 1-Bromo-4-fluorobenzene	94.0	88.6 - 109		%Rec	1	10/19/2020 1:13:24 PM
Sample Moisture (Percent Moisture)				Batch ID: R62673		Analyst: RL
Percent Moisture	10.4	0.500		wt%	1	10/20/2020 9:53:47 AM

Analytical Report

Work Order: **2010262**
Date Reported: **10/20/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010262-004 **Collection Date:** 10/16/2020 8:35:00 AM
Client Sample ID: **SW-P14-55-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30050		Analyst: DW
Diesel (Fuel Oil)	ND	20.3		mg/Kg-dry	1	10/19/2020 4:59:03 PM
Heavy Oil	152	50.6		mg/Kg-dry	1	10/19/2020 4:59:03 PM
Surr: 2-Fluorobiphenyl	94.6	50 - 150		%Rec	1	10/19/2020 4:59:03 PM
Surr: o-Terphenyl	75.3	50 - 150		%Rec	1	10/19/2020 4:59:03 PM
Gasoline by NWTPH-Gx				Batch ID: 30060		Analyst: KT
Gasoline	ND	4.18		mg/Kg-dry	1	10/19/2020 1:43:41 PM
Surr: Toluene-d8	124	65 - 135		%Rec	1	10/19/2020 1:43:41 PM
Surr: 4-Bromofluorobenzene	103	65 - 135		%Rec	1	10/19/2020 1:43:41 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0167		mg/Kg-dry	1	10/19/2020 1:43:41 PM
1,1-Dichloroethene	ND	0.0167		mg/Kg-dry	1	10/19/2020 1:43:41 PM
trans-1,2-Dichloroethene	ND	0.0167		mg/Kg-dry	1	10/19/2020 1:43:41 PM
cis-1,2-Dichloroethene	ND	0.0167		mg/Kg-dry	1	10/19/2020 1:43:41 PM
Benzene	ND	0.0167		mg/Kg-dry	1	10/19/2020 1:43:41 PM
Trichloroethene (TCE)	ND	0.0167		mg/Kg-dry	1	10/19/2020 1:43:41 PM
Toluene	ND	0.0167		mg/Kg-dry	1	10/19/2020 1:43:41 PM
Tetrachloroethene (PCE)	0.140	0.0167		mg/Kg-dry	1	10/19/2020 1:43:41 PM
Ethylbenzene	ND	0.0209		mg/Kg-dry	1	10/19/2020 1:43:41 PM
m,p-Xylene	ND	0.0418		mg/Kg-dry	1	10/19/2020 1:43:41 PM
o-Xylene	ND	0.0209		mg/Kg-dry	1	10/19/2020 1:43:41 PM
Surr: Dibromofluoromethane	106	85.2 - 113		%Rec	1	10/19/2020 1:43:41 PM
Surr: Toluene-d8	116	88.5 - 110	S	%Rec	1	10/19/2020 1:43:41 PM
Surr: 1-Bromo-4-fluorobenzene	105	88.6 - 109		%Rec	1	10/19/2020 1:43:41 PM

NOTES:
S - Outlying surrogate recovery(ies) observed.

Sample Moisture (Percent Moisture)				Batch ID: R62673		Analyst: RL
Percent Moisture	13.6	0.500		wt%	1	10/20/2020 9:53:47 AM

Work Order: 2010262
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-30050** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/16/2020** RunNo: **62628**
Client ID: **MBLKS** Batch ID: **30050** Analysis Date: **10/16/2020** SeqNo: **1256674**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	14.2		20.00		70.9	50	150				
Surr: o-Terphenyl	13.1		20.00		65.7	50	150				

Sample ID: **LCS-30050** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/16/2020** RunNo: **62628**
Client ID: **LCSS** Batch ID: **30050** Analysis Date: **10/16/2020** SeqNo: **1256675**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	390	20.0	500.0	0	78.0	65	135				
Surr: 2-Fluorobiphenyl	14.8		20.00		73.8	50	150				
Surr: o-Terphenyl	15.0		20.00		74.9	50	150				

Sample ID: **2010254-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/16/2020** RunNo: **62628**
Client ID: **BATCH** Batch ID: **30050** Analysis Date: **10/16/2020** SeqNo: **1256676**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	1,810	18.1						1,803	0.607	30	
Heavy Oil	ND	45.2						0		30	
Surr: 2-Fluorobiphenyl	15.1		18.07		83.5	50	150		0		
Surr: o-Terphenyl	29.2		18.07		161	50	150		0		S

NOTES:
S - Outlying surrogate recovery attributed to TPH interference. The method is in control as indicated by the Method Blank (MB) & Laboratory Control Sample (LCS).

Sample ID: **2010249-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/16/2020** RunNo: **62665**
Client ID: **BATCH** Batch ID: **30050** Analysis Date: **10/19/2020** SeqNo: **1257374**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	551	22.9	571.9	0	96.4	65	135				
Surr: 2-Fluorobiphenyl	28.9		22.87		126	50	150				

Work Order: 2010262
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2010249-001AMS**	SampType: **MS**			Units: **mg/Kg-dry**	Prep Date: **10/16/2020**			RunNo: **62665**		
Client ID: **BATCH**	Batch ID: **30050**				Analysis Date: **10/19/2020**			SeqNo: **1257374**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: o-Terphenyl	27.0		22.87		118	50	150				

Sample ID: **2010249-001AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**	Prep Date: **10/16/2020**			RunNo: **62665**		
Client ID: **BATCH**	Batch ID: **30050**				Analysis Date: **10/19/2020**			SeqNo: **1257375**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	647	24.3	607.9	0	106	65	135	551.2	15.9	30	
Surr: 2-Fluorobiphenyl	31.3		24.32		129	50	150		0		
Surr: o-Terphenyl	29.5		24.32		121	50	150		0		

Work Order: 2010262
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **MB-30060**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/19/2020**	RunNo: **62671**
Client ID: **MBLKS**	Batch ID: **30060**		Analysis Date: **10/19/2020**	SeqNo: **1257517**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.31		1.250		105	65	135				
Surr: 4-Bromofluorobenzene	1.11		1.250		88.6	65	135				

Sample ID: **LCS-30060**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/19/2020**	RunNo: **62671**
Client ID: **LCSS**	Batch ID: **30060**		Analysis Date: **10/19/2020**	SeqNo: **1257516**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	29.0	5.00	25.00	0	116	65	135				
Surr: Toluene-d8	1.62		1.250		130	65	135				
Surr: 4-Bromofluorobenzene	1.20		1.250		96.4	65	135				

Sample ID: **2010262-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/19/2020**	RunNo: **62671**
Client ID: **SW-P20-50-S**	Batch ID: **30060**		Analysis Date: **10/19/2020**	SeqNo: **1257496**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	7.07						0		30	
Surr: Toluene-d8	1.85		1.768		105	65	135		0		
Surr: 4-Bromofluorobenzene	1.65		1.768		93.3	65	135		0		

Sample ID: **2010275-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/19/2020**	RunNo: **62671**
Client ID: **BATCH**	Batch ID: **30060**		Analysis Date: **10/19/2020**	SeqNo: **1257501**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.52						0		30	
Surr: Toluene-d8	1.41		1.130		125	65	135		0		
Surr: 4-Bromofluorobenzene	1.25		1.130		110	65	135		0		

Work Order: 2010262
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2010275-009BMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **10/19/2020**	RunNo: **62671**
Client ID: **BATCH**	Batch ID: **30060**		Analysis Date: **10/20/2020**	SeqNo: **1257510**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	22.0	4.13	20.65	0	107	65	135				
Surr: Toluene-d8	1.15		1.032		111	65	135				
Surr: 4-Bromofluorobenzene	0.968		1.032		93.8	65	135				

Sample ID: **2010275-009BMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **10/19/2020**	RunNo: **62671**
Client ID: **BATCH**	Batch ID: **30060**		Analysis Date: **10/20/2020**	SeqNo: **1257511**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	19.1	4.13	20.65	0	92.4	65	135	22.00	14.2	30	
Surr: Toluene-d8	1.09		1.032		105	65	135		0		
Surr: 4-Bromofluorobenzene	0.970		1.032		94.0	65	135		0		

Work Order: 2010262
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30060** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **LCSS** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257455**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.05	0.0200	1.000	0	105	66	131				
1,1-Dichloroethene	1.12	0.0200	1.000	0	112	63.4	139				
trans-1,2-Dichloroethene	1.06	0.0200	1.000	0	106	80.5	116				
cis-1,2-Dichloroethene	1.12	0.0200	1.000	0	112	81.8	114				
Benzene	1.13	0.0200	1.000	0	113	79.4	116				
Trichloroethene (TCE)	1.12	0.0200	1.000	0	112	80.8	117				
Toluene	1.14	0.0200	1.000	0	114	80.5	115				
Tetrachloroethene (PCE)	0.823	0.0200	1.000	0	82.3	81.8	116				
Ethylbenzene	1.05	0.0250	1.000	0	105	81.6	116				
m,p-Xylene	2.12	0.0500	2.000	0	106	83.2	115				
o-Xylene	1.06	0.0250	1.000	0	106	82.5	114				
Surr: Dibromofluoromethane	1.30		1.250		104	85.2	113				
Surr: Toluene-d8	1.29		1.250		103	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.27		1.250		101	88.6	109				

Sample ID: **MB-30060** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **MBLKS** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257456**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2010262
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-30060** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **MBLKS** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257456**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.34		1.250		107	85.2	113				
Surr: Toluene-d8	1.35		1.250		108	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.13		1.250		90.4	88.6	109				

Sample ID: **2010262-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **SW-P20-50-S** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257429**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0283						0		30	
1,1-Dichloroethene	ND	0.0283						0		30	
trans-1,2-Dichloroethene	ND	0.0283						0		30	
cis-1,2-Dichloroethene	ND	0.0283						0		30	
Benzene	ND	0.0283						0		30	
Trichloroethene (TCE)	ND	0.0283						0		30	
Toluene	ND	0.0283						0		30	
Tetrachloroethene (PCE)	0.191	0.0283						0.1941	1.45	30	
Ethylbenzene	ND	0.0354						0		30	
m,p-Xylene	ND	0.0707						0		30	
o-Xylene	ND	0.0354						0		30	
Surr: Dibromofluoromethane	1.76		1.768		99.7	85.2	113		0		
Surr: Toluene-d8	1.73		1.768		97.7	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.68		1.768		95.2	88.6	109		0		

Sample ID: **2010262-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **SW-P22-50-S** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257431**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.11	0.0175	0.8766	0	127	52.8	150				
1,1-Dichloroethene	1.06	0.0175	0.8766	0	121	62.9	149				

Work Order: 2010262
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010262-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **SW-P22-50-S** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257431**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.02	0.0175	0.8766	0	117	73.1	130				
cis-1,2-Dichloroethene	1.03	0.0175	0.8766	0	118	77.5	125				
Benzene	1.06	0.0175	0.8766	0	121	74.6	126				
Trichloroethene (TCE)	1.17	0.0175	0.8766	0	133	72	133				S
Toluene	0.954	0.0175	0.8766	0	109	72.6	127				
Tetrachloroethene (PCE)	0.996	0.0175	0.8766	0.08977	103	72.7	128				
Ethylbenzene	0.976	0.0219	0.8766	0	111	77.3	126				
m,p-Xylene	1.94	0.0438	1.753	0	110	78.5	126				
o-Xylene	0.938	0.0219	0.8766	0	107	79.4	123				
Surr: Dibromofluoromethane	1.16		1.096		106	85.2	113				
Surr: Toluene-d8	1.01		1.096		92.4	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	0.940		1.096		85.8	88.6	109				S

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.
S - Outlying surrogate recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample ID: **2010262-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **SW-P22-50-S** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257432**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.05	0.0175	0.8766	0	120	52.8	150	1.113	5.86	30	
1,1-Dichloroethene	1.07	0.0175	0.8766	0	122	62.9	149	1.063	0.602	30	
trans-1,2-Dichloroethene	0.975	0.0175	0.8766	0	111	73.1	130	1.022	4.73	30	
cis-1,2-Dichloroethene	0.987	0.0175	0.8766	0	113	77.5	125	1.035	4.74	30	
Benzene	0.973	0.0175	0.8766	0	111	74.6	126	1.062	8.75	30	
Trichloroethene (TCE)	1.09	0.0175	0.8766	0	125	72	133	1.169	6.83	30	
Toluene	0.932	0.0175	0.8766	0	106	72.6	127	0.9544	2.34	30	
Tetrachloroethene (PCE)	0.949	0.0175	0.8766	0.08977	98.0	72.7	128	0.9956	4.81	30	
Ethylbenzene	0.941	0.0219	0.8766	0	107	77.3	126	0.9759	3.61	30	
m,p-Xylene	1.87	0.0438	1.753	0	107	78.5	126	1.935	3.49	30	
o-Xylene	0.933	0.0219	0.8766	0	106	79.4	123	0.9380	0.573	30	

Work Order: 2010262
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010262-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **SW-P22-50-S** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257432**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.16		1.096		106	85.2	113		0		
Surr: Toluene-d8	1.02		1.096		93.4	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.09		1.096		99.3	88.6	109		0		

Sample ID: **2010275-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **BATCH** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257436**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0181						0		30	
1,1-Dichloroethene	ND	0.0181						0		30	
trans-1,2-Dichloroethene	ND	0.0181						0		30	
cis-1,2-Dichloroethene	ND	0.0181						0		30	
Benzene	ND	0.0181						0		30	
Trichloroethene (TCE)	ND	0.0181						0		30	
Toluene	ND	0.0181						0		30	
Tetrachloroethene (PCE)	ND	0.0181						0		30	
Ethylbenzene	ND	0.0226						0		30	
m,p-Xylene	ND	0.0452						0		30	
o-Xylene	ND	0.0226						0		30	
Surr: Dibromofluoromethane	1.11		1.130		98.4	85.2	113		0		
Surr: Toluene-d8	1.12		1.130		99.5	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.27		1.130		113	88.6	109		0		S

NOTES:
S - Outlying surrogate recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010262**
Logged by:	**Gabrielle Coeuille**	Date Received:	**10/16/2020 9:11:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	4.8

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/16/20 Page: 1 of: 1

Laboratory Project No (internal): 20107162

Project Name: Maddux South

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave Suite 550

Collected by: Kristin Beck

City, State, Zip: Seattle, WA 98104

Location: Seattle, WA

Telephone:

Report To (PM): Andrew Yankofski

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs			Comments
1	SW-P20-50-S	10/16/20	0755	S			X	X		X							X				
2	SW-P22-50-S	↓	0800	S			X	X		X							X				
3	SW-P24-50-S		0815	S			X	X		X							X				
4	SW-P14-55-S	↓	0835	S			X	X		X							X				
5																					
6																					
7																					
8																					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual*: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☒ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Kat Beck	10/16/20 @	x Jennifer Coelle	10/16/20 8.40
x Jennifer Coelle	10/16/20 9.1	x Elaine Audron	10/19/20 0911

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux South
Work Order Number: 2010275

October 20, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 9 sample(s) on 10/16/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/20/2020*

CLIENT: Aspect Consulting
Project: Maddux South
Work Order: 2010275

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010275-001	SW-P28-50-S	10/16/2020 9:05 AM	10/16/2020 12:52 PM
2010275-002	SW-P30-50-S	10/16/2020 9:35 AM	10/16/2020 12:52 PM
2010275-003	SW-P32-50-S	10/16/2020 9:45 AM	10/16/2020 12:52 PM
2010275-004	SW-P34-50-S	10/16/2020 9:50 AM	10/16/2020 12:52 PM
2010275-005	SW-P36-50-S	10/16/2020 10:40 AM	10/16/2020 12:52 PM
2010275-006	SW-P38-50-S	10/16/2020 11:15 AM	10/16/2020 12:52 PM
2010275-007	SW-P40-55-S	10/16/2020 11:30 AM	10/16/2020 12:52 PM
2010275-008	Trip Blank	10/12/2020 5:29 PM	10/16/2020 12:52 PM
2010275-009	SW-DUP-1-S	10/16/2020 11:00 AM	10/16/2020 12:52 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2010275**
Date: **10/20/2020**

CLIENT: Aspect Consulting
Project: Maddux South

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010275**
Date Reported: **10/20/2020**

Client: Aspect Consulting
Collection Date: 10/16/2020 9:05:00 AM
Project: Maddux South
Lab ID: 2010275-001
Matrix: Soil
Client Sample ID: SW-P28-50-S

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30061		Analyst: DW
Diesel (Fuel Oil)	ND	20.9		mg/Kg-dry	1	10/20/2020 5:20:54 AM
Heavy Oil	ND	52.3		mg/Kg-dry	1	10/20/2020 5:20:54 AM
Surr: 2-Fluorobiphenyl	103	50 - 150		%Rec	1	10/20/2020 5:20:54 AM
Surr: o-Terphenyl	83.8	50 - 150		%Rec	1	10/20/2020 5:20:54 AM
Gasoline by NWTPH-Gx				Batch ID: 30060		Analyst: KT
Gasoline	ND	4.52		mg/Kg-dry	1	10/19/2020 7:47:41 PM
Surr: Toluene-d8	118	65 - 135		%Rec	1	10/19/2020 7:47:41 PM
Surr: 4-Bromofluorobenzene	96.7	65 - 135		%Rec	1	10/19/2020 7:47:41 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0181		mg/Kg-dry	1	10/19/2020 7:47:41 PM
1,1-Dichloroethene	ND	0.0181		mg/Kg-dry	1	10/19/2020 7:47:41 PM
trans-1,2-Dichloroethene	ND	0.0181		mg/Kg-dry	1	10/19/2020 7:47:41 PM
cis-1,2-Dichloroethene	ND	0.0181		mg/Kg-dry	1	10/19/2020 7:47:41 PM
Benzene	ND	0.0181		mg/Kg-dry	1	10/19/2020 7:47:41 PM
Trichloroethene (TCE)	ND	0.0181		mg/Kg-dry	1	10/19/2020 7:47:41 PM
Toluene	ND	0.0181		mg/Kg-dry	1	10/19/2020 7:47:41 PM
Tetrachloroethene (PCE)	ND	0.0181		mg/Kg-dry	1	10/19/2020 7:47:41 PM
Ethylbenzene	ND	0.0226		mg/Kg-dry	1	10/19/2020 7:47:41 PM
m,p-Xylene	ND	0.0452		mg/Kg-dry	1	10/19/2020 7:47:41 PM
o-Xylene	ND	0.0226		mg/Kg-dry	1	10/19/2020 7:47:41 PM
Surr: Dibromofluoromethane	102	85.2 - 113		%Rec	1	10/19/2020 7:47:41 PM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	10/19/2020 7:47:41 PM
Surr: 1-Bromo-4-fluorobenzene	98.6	88.6 - 109		%Rec	1	10/19/2020 7:47:41 PM
Sample Moisture (Percent Moisture)				Batch ID: R62673		Analyst: RL
Percent Moisture	12.1	0.500		wt%	1	10/20/2020 9:53:47 AM

Analytical Report

Work Order: **2010275**
Date Reported: **10/20/2020**

Client: Aspect Consulting
Collection Date: 10/16/2020 9:35:00 AM
Project: Maddux South
Lab ID: 2010275-002
Matrix: Soil
Client Sample ID: SW-P30-50-S

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30061		Analyst: DW
Diesel (Fuel Oil)	ND	22.3		mg/Kg-dry	1	10/20/2020 8:18:52 AM
Heavy Oil	ND	55.7		mg/Kg-dry	1	10/20/2020 8:18:52 AM
Surr: 2-Fluorobiphenyl	105	50 - 150		%Rec	1	10/20/2020 8:18:52 AM
Surr: o-Terphenyl	86.6	50 - 150		%Rec	1	10/20/2020 8:18:52 AM
Gasoline by NWTPH-Gx				Batch ID: 30060		Analyst: KT
Gasoline	ND	5.21		mg/Kg-dry	1	10/19/2020 8:48:18 PM
Surr: Toluene-d8	133	65 - 135		%Rec	1	10/19/2020 8:48:18 PM
Surr: 4-Bromofluorobenzene	91.1	65 - 135		%Rec	1	10/19/2020 8:48:18 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0208		mg/Kg-dry	1	10/19/2020 8:48:18 PM
1,1-Dichloroethene	ND	0.0208		mg/Kg-dry	1	10/19/2020 8:48:18 PM
trans-1,2-Dichloroethene	ND	0.0208		mg/Kg-dry	1	10/19/2020 8:48:18 PM
cis-1,2-Dichloroethene	ND	0.0208		mg/Kg-dry	1	10/19/2020 8:48:18 PM
Benzene	ND	0.0208		mg/Kg-dry	1	10/19/2020 8:48:18 PM
Trichloroethene (TCE)	ND	0.0208		mg/Kg-dry	1	10/19/2020 8:48:18 PM
Toluene	ND	0.0208		mg/Kg-dry	1	10/19/2020 8:48:18 PM
Tetrachloroethene (PCE)	ND	0.0208		mg/Kg-dry	1	10/19/2020 8:48:18 PM
Ethylbenzene	ND	0.0260		mg/Kg-dry	1	10/19/2020 8:48:18 PM
m,p-Xylene	ND	0.0521		mg/Kg-dry	1	10/19/2020 8:48:18 PM
o-Xylene	ND	0.0260		mg/Kg-dry	1	10/19/2020 8:48:18 PM
Surr: Dibromofluoromethane	95.1	85.2 - 113		%Rec	1	10/19/2020 8:48:18 PM
Surr: Toluene-d8	101	88.5 - 110		%Rec	1	10/19/2020 8:48:18 PM
Surr: 1-Bromo-4-fluorobenzene	93.0	88.6 - 109		%Rec	1	10/19/2020 8:48:18 PM
Sample Moisture (Percent Moisture)				Batch ID: R62673		Analyst: RL
Percent Moisture	14.2	0.500		wt%	1	10/20/2020 9:53:47 AM

Analytical Report

Work Order: **2010275**
Date Reported: **10/20/2020**

Client: Aspect Consulting
Collection Date: 10/16/2020 9:45:00 AM
Project: Maddux South
Lab ID: 2010275-003
Matrix: Soil
Client Sample ID: SW-P32-50-S

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30061		Analyst: DW
Diesel (Fuel Oil)	ND	24.0		mg/Kg-dry	1	10/20/2020 8:48:32 AM
Heavy Oil	ND	59.9		mg/Kg-dry	1	10/20/2020 8:48:32 AM
Surr: 2-Fluorobiphenyl	106	50 - 150		%Rec	1	10/20/2020 8:48:32 AM
Surr: o-Terphenyl	88.7	50 - 150		%Rec	1	10/20/2020 8:48:32 AM
Gasoline by NWTPH-Gx				Batch ID: 30060		Analyst: KT
Gasoline	ND	4.40		mg/Kg-dry	1	10/19/2020 9:18:39 PM
Surr: Toluene-d8	103	65 - 135		%Rec	1	10/19/2020 9:18:39 PM
Surr: 4-Bromofluorobenzene	95.5	65 - 135		%Rec	1	10/19/2020 9:18:39 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0176		mg/Kg-dry	1	10/19/2020 9:18:39 PM
1,1-Dichloroethene	ND	0.0176		mg/Kg-dry	1	10/19/2020 9:18:39 PM
trans-1,2-Dichloroethene	ND	0.0176		mg/Kg-dry	1	10/19/2020 9:18:39 PM
cis-1,2-Dichloroethene	ND	0.0176		mg/Kg-dry	1	10/19/2020 9:18:39 PM
Benzene	ND	0.0176		mg/Kg-dry	1	10/19/2020 9:18:39 PM
Trichloroethene (TCE)	ND	0.0176		mg/Kg-dry	1	10/19/2020 9:18:39 PM
Toluene	ND	0.0176		mg/Kg-dry	1	10/19/2020 9:18:39 PM
Tetrachloroethene (PCE)	0.0673	0.0176		mg/Kg-dry	1	10/19/2020 9:18:39 PM
Ethylbenzene	ND	0.0220		mg/Kg-dry	1	10/19/2020 9:18:39 PM
m,p-Xylene	ND	0.0440		mg/Kg-dry	1	10/19/2020 9:18:39 PM
o-Xylene	ND	0.0220		mg/Kg-dry	1	10/19/2020 9:18:39 PM
Surr: Dibromofluoromethane	102	85.2 - 113		%Rec	1	10/19/2020 9:18:39 PM
Surr: Toluene-d8	93.2	88.5 - 110		%Rec	1	10/19/2020 9:18:39 PM
Surr: 1-Bromo-4-fluorobenzene	97.5	88.6 - 109		%Rec	1	10/19/2020 9:18:39 PM
Sample Moisture (Percent Moisture)				Batch ID: R62673		Analyst: RL
Percent Moisture	19.9	0.500		wt%	1	10/20/2020 9:53:47 AM

Analytical Report

Work Order: **2010275**
Date Reported: **10/20/2020**

Client: Aspect Consulting
Collection Date: 10/16/2020 9:50:00 AM
Project: Maddux South
Lab ID: 2010275-004
Matrix: Soil
Client Sample ID: SW-P34-50-S

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30061		Analyst: DW
Diesel (Fuel Oil)	ND	20.8		mg/Kg-dry	1	10/20/2020 9:18:27 AM
Heavy Oil	ND	52.0		mg/Kg-dry	1	10/20/2020 9:18:27 AM
Surr: 2-Fluorobiphenyl	96.6	50 - 150		%Rec	1	10/20/2020 9:18:27 AM
Surr: o-Terphenyl	80.7	50 - 150		%Rec	1	10/20/2020 9:18:27 AM
Gasoline by NWTPH-Gx				Batch ID: 30060		Analyst: KT
Gasoline	ND	3.62		mg/Kg-dry	1	10/19/2020 9:49:01 PM
Surr: Toluene-d8	107	65 - 135		%Rec	1	10/19/2020 9:49:01 PM
Surr: 4-Bromofluorobenzene	93.6	65 - 135		%Rec	1	10/19/2020 9:49:01 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0145		mg/Kg-dry	1	10/19/2020 9:49:01 PM
1,1-Dichloroethene	ND	0.0145		mg/Kg-dry	1	10/19/2020 9:49:01 PM
trans-1,2-Dichloroethene	ND	0.0145		mg/Kg-dry	1	10/19/2020 9:49:01 PM
cis-1,2-Dichloroethene	ND	0.0145		mg/Kg-dry	1	10/19/2020 9:49:01 PM
Benzene	ND	0.0145		mg/Kg-dry	1	10/19/2020 9:49:01 PM
Trichloroethene (TCE)	ND	0.0145		mg/Kg-dry	1	10/19/2020 9:49:01 PM
Toluene	ND	0.0145		mg/Kg-dry	1	10/19/2020 9:49:01 PM
Tetrachloroethene (PCE)	ND	0.0145		mg/Kg-dry	1	10/19/2020 9:49:01 PM
Ethylbenzene	ND	0.0181		mg/Kg-dry	1	10/19/2020 9:49:01 PM
m,p-Xylene	ND	0.0362		mg/Kg-dry	1	10/19/2020 9:49:01 PM
o-Xylene	ND	0.0181		mg/Kg-dry	1	10/19/2020 9:49:01 PM
Surr: Dibromofluoromethane	99.8	85.2 - 113		%Rec	1	10/19/2020 9:49:01 PM
Surr: Toluene-d8	96.1	88.5 - 110		%Rec	1	10/19/2020 9:49:01 PM
Surr: 1-Bromo-4-fluorobenzene	95.5	88.6 - 109		%Rec	1	10/19/2020 9:49:01 PM
Sample Moisture (Percent Moisture)				Batch ID: R62673		Analyst: RL
Percent Moisture	11.7	0.500		wt%	1	10/20/2020 9:53:47 AM

Analytical Report

Work Order: **2010275**
Date Reported: **10/20/2020**

Client: Aspect Consulting
Collection Date: 10/16/2020 10:40:00 AM
Project: Maddux South
Lab ID: 2010275-005
Matrix: Soil
Client Sample ID: SW-P36-50-S

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30061		Analyst: DW
Diesel (Fuel Oil)	ND	20.2		mg/Kg-dry	1	10/20/2020 9:48:10 AM
Diesel Range Organics (C12-C24)	147	20.2		mg/Kg-dry	1	10/20/2020 9:48:10 AM
Heavy Oil	ND	50.5		mg/Kg-dry	1	10/20/2020 9:48:10 AM
Surr: 2-Fluorobiphenyl	110	50 - 150		%Rec	1	10/20/2020 9:48:10 AM
Surr: o-Terphenyl	87.2	50 - 150		%Rec	1	10/20/2020 9:48:10 AM

NOTES:
DRO - Indicates the presence of unresolved compounds eluting from dodecane through tetracosane (~C12-C24). Chromatographic pattern demonstrates a continuation of Gasoline.

Gasoline by NWTPH-Gx				Batch ID: 30060		Analyst: KT
Gasoline	4,160	835	D	mg/Kg-dry	200	10/20/2020 7:54:22 AM
Surr: Toluene-d8	96.7	65 - 135	D	%Rec	200	10/20/2020 7:54:22 AM
Surr: 4-Bromofluorobenzene	85.9	65 - 135	D	%Rec	200	10/20/2020 7:54:22 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.167	D	mg/Kg-dry	10	10/19/2020 11:50:29 PM
1,1-Dichloroethene	ND	0.167	D	mg/Kg-dry	10	10/19/2020 11:50:29 PM
trans-1,2-Dichloroethene	ND	0.167	D	mg/Kg-dry	10	10/19/2020 11:50:29 PM
cis-1,2-Dichloroethene	ND	0.167	D	mg/Kg-dry	10	10/19/2020 11:50:29 PM
Benzene	ND	0.167	D	mg/Kg-dry	10	10/19/2020 11:50:29 PM
Trichloroethene (TCE)	ND	0.167	D	mg/Kg-dry	10	10/19/2020 11:50:29 PM
Toluene	ND	0.167	D	mg/Kg-dry	10	10/19/2020 11:50:29 PM
Tetrachloroethene (PCE)	ND	0.167	D	mg/Kg-dry	10	10/19/2020 11:50:29 PM
Ethylbenzene	1.56	0.209	D	mg/Kg-dry	10	10/19/2020 11:50:29 PM
m,p-Xylene	13.7	0.417	D	mg/Kg-dry	10	10/19/2020 11:50:29 PM
o-Xylene	3.34	0.209	D	mg/Kg-dry	10	10/19/2020 11:50:29 PM
Surr: Dibromofluoromethane	104	85.2 - 113	D	%Rec	10	10/19/2020 11:50:29 PM
Surr: Toluene-d8	93.8	88.5 - 110	D	%Rec	10	10/19/2020 11:50:29 PM
Surr: 1-Bromo-4-fluorobenzene	92.2	88.6 - 109	D	%Rec	10	10/19/2020 11:50:29 PM

NOTES:
Diluted due to matrix.

Sample Moisture (Percent Moisture)				Batch ID: R62673		Analyst: RL
Percent Moisture	10.6	0.500		wt%	1	10/20/2020 9:53:47 AM

Analytical Report

Work Order: **2010275**
Date Reported: **10/20/2020**

Client: Aspect Consulting
Collection Date: 10/16/2020 11:15:00 AM
Project: Maddux South
Lab ID: 2010275-006
Matrix: Soil
Client Sample ID: SW-P38-50-S

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30061		Analyst: DW
Diesel (Fuel Oil)	ND	20.2		mg/Kg-dry	1	10/20/2020 10:17:54 AM
Heavy Oil	ND	50.6		mg/Kg-dry	1	10/20/2020 10:17:54 AM
Surr: 2-Fluorobiphenyl	101	50 - 150		%Rec	1	10/20/2020 10:17:54 AM
Surr: o-Terphenyl	87.1	50 - 150		%Rec	1	10/20/2020 10:17:54 AM
Gasoline by NWTPH-Gx				Batch ID: 30060		Analyst: KT
Gasoline	ND	4.21		mg/Kg-dry	1	10/19/2020 10:19:22 PM
Surr: Toluene-d8	114	65 - 135		%Rec	1	10/19/2020 10:19:22 PM
Surr: 4-Bromofluorobenzene	89.6	65 - 135		%Rec	1	10/19/2020 10:19:22 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0169		mg/Kg-dry	1	10/19/2020 10:19:22 PM
1,1-Dichloroethene	ND	0.0169		mg/Kg-dry	1	10/19/2020 10:19:22 PM
trans-1,2-Dichloroethene	ND	0.0169		mg/Kg-dry	1	10/19/2020 10:19:22 PM
cis-1,2-Dichloroethene	ND	0.0169		mg/Kg-dry	1	10/19/2020 10:19:22 PM
Benzene	ND	0.0169		mg/Kg-dry	1	10/19/2020 10:19:22 PM
Trichloroethene (TCE)	ND	0.0169		mg/Kg-dry	1	10/19/2020 10:19:22 PM
Toluene	ND	0.0169		mg/Kg-dry	1	10/19/2020 10:19:22 PM
Tetrachloroethene (PCE)	ND	0.0169		mg/Kg-dry	1	10/19/2020 10:19:22 PM
Ethylbenzene	ND	0.0211		mg/Kg-dry	1	10/19/2020 10:19:22 PM
m,p-Xylene	ND	0.0421		mg/Kg-dry	1	10/19/2020 10:19:22 PM
o-Xylene	ND	0.0211		mg/Kg-dry	1	10/19/2020 10:19:22 PM
Surr: Dibromofluoromethane	100	85.2 - 113		%Rec	1	10/19/2020 10:19:22 PM
Surr: Toluene-d8	108	88.5 - 110		%Rec	1	10/19/2020 10:19:22 PM
Surr: 1-Bromo-4-fluorobenzene	91.4	88.6 - 109		%Rec	1	10/19/2020 10:19:22 PM
Sample Moisture (Percent Moisture)				Batch ID: R62673		Analyst: RL
Percent Moisture	10.4	0.500		wt%	1	10/20/2020 9:53:47 AM

Analytical Report

Work Order: **2010275**
Date Reported: **10/20/2020**

Client: Aspect Consulting
Collection Date: 10/16/2020 11:30:00 AM
Project: Maddux South
Lab ID: 2010275-007
Matrix: Soil
Client Sample ID: SW-P40-55-S

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30061		Analyst: DW
Diesel (Fuel Oil)	ND	18.6		mg/Kg-dry	1	10/20/2020 10:47:37 AM
Heavy Oil	ND	46.5		mg/Kg-dry	1	10/20/2020 10:47:37 AM
Surr: 2-Fluorobiphenyl	102	50 - 150		%Rec	1	10/20/2020 10:47:37 AM
Surr: o-Terphenyl	85.0	50 - 150		%Rec	1	10/20/2020 10:47:37 AM
Gasoline by NWTPH-Gx				Batch ID: 30060		Analyst: KT
Gasoline	ND	4.15		mg/Kg-dry	1	10/19/2020 10:49:45 PM
Surr: Toluene-d8	128	65 - 135		%Rec	1	10/19/2020 10:49:45 PM
Surr: 4-Bromofluorobenzene	91.1	65 - 135		%Rec	1	10/19/2020 10:49:45 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0166		mg/Kg-dry	1	10/19/2020 10:49:45 PM
1,1-Dichloroethene	ND	0.0166		mg/Kg-dry	1	10/19/2020 10:49:45 PM
trans-1,2-Dichloroethene	ND	0.0166		mg/Kg-dry	1	10/19/2020 10:49:45 PM
cis-1,2-Dichloroethene	ND	0.0166		mg/Kg-dry	1	10/19/2020 10:49:45 PM
Benzene	ND	0.0166		mg/Kg-dry	1	10/19/2020 10:49:45 PM
Trichloroethene (TCE)	ND	0.0166		mg/Kg-dry	1	10/19/2020 10:49:45 PM
Toluene	ND	0.0166		mg/Kg-dry	1	10/19/2020 10:49:45 PM
Tetrachloroethene (PCE)	ND	0.0166		mg/Kg-dry	1	10/19/2020 10:49:45 PM
Ethylbenzene	ND	0.0208		mg/Kg-dry	1	10/19/2020 10:49:45 PM
m,p-Xylene	ND	0.0415		mg/Kg-dry	1	10/19/2020 10:49:45 PM
o-Xylene	ND	0.0208		mg/Kg-dry	1	10/19/2020 10:49:45 PM
Surr: Dibromofluoromethane	98.9	85.2 - 113		%Rec	1	10/19/2020 10:49:45 PM
Surr: Toluene-d8	97.8	88.5 - 110		%Rec	1	10/19/2020 10:49:45 PM
Surr: 1-Bromo-4-fluorobenzene	92.9	88.6 - 109		%Rec	1	10/19/2020 10:49:45 PM
Sample Moisture (Percent Moisture)				Batch ID: R62673		Analyst: RL
Percent Moisture	10.0	0.500		wt%	1	10/20/2020 9:53:47 AM

Analytical Report

Work Order: **2010275**
Date Reported: **10/20/2020**

Client: Aspect Consulting
Collection Date: 10/12/2020 5:29:00 PM
Project: Maddux South
Lab ID: 2010275-008
Matrix: Soil
Client Sample ID: Trip Blank

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0200		mg/Kg	1	10/19/2020 10:41:32 AM
1,1-Dichloroethene	ND	0.0200		mg/Kg	1	10/19/2020 10:41:32 AM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/19/2020 10:41:32 AM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/19/2020 10:41:32 AM
Trichloroethene (TCE)	ND	0.0200		mg/Kg	1	10/19/2020 10:41:32 AM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg	1	10/19/2020 10:41:32 AM
Surr: Dibromofluoromethane	99.5	85.2 - 113		%Rec	1	10/19/2020 10:41:32 AM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/19/2020 10:41:32 AM
Surr: 1-Bromo-4-fluorobenzene	96.3	88.6 - 109		%Rec	1	10/19/2020 10:41:32 AM

Analytical Report

Work Order: **2010275**
Date Reported: **10/20/2020**

Client: Aspect Consulting
Collection Date: 10/16/2020 11:00:00 AM
Project: Maddux South
Lab ID: 2010275-009
Matrix: Soil
Client Sample ID: SW-DUP-1-S

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30061		Analyst: DW
Diesel (Fuel Oil)	ND	20.8		mg/Kg-dry	1	10/20/2020 11:17:23 AM
Heavy Oil	ND	52.0		mg/Kg-dry	1	10/20/2020 11:17:23 AM
Surr: 2-Fluorobiphenyl	103	50 - 150		%Rec	1	10/20/2020 11:17:23 AM
Surr: o-Terphenyl	85.4	50 - 150		%Rec	1	10/20/2020 11:17:23 AM
Gasoline by NWTPH-Gx				Batch ID: 30060		Analyst: KT
Gasoline	ND	4.13		mg/Kg-dry	1	10/19/2020 11:20:06 PM
Surr: Toluene-d8	115	65 - 135		%Rec	1	10/19/2020 11:20:06 PM
Surr: 4-Bromofluorobenzene	95.9	65 - 135		%Rec	1	10/19/2020 11:20:06 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30060		Analyst: KT
Vinyl chloride	ND	0.0165		mg/Kg-dry	1	10/19/2020 11:20:06 PM
1,1-Dichloroethene	ND	0.0165		mg/Kg-dry	1	10/19/2020 11:20:06 PM
trans-1,2-Dichloroethene	ND	0.0165		mg/Kg-dry	1	10/19/2020 11:20:06 PM
cis-1,2-Dichloroethene	ND	0.0165		mg/Kg-dry	1	10/19/2020 11:20:06 PM
Benzene	ND	0.0165		mg/Kg-dry	1	10/19/2020 11:20:06 PM
Trichloroethene (TCE)	ND	0.0165		mg/Kg-dry	1	10/19/2020 11:20:06 PM
Toluene	ND	0.0165		mg/Kg-dry	1	10/19/2020 11:20:06 PM
Tetrachloroethene (PCE)	ND	0.0165		mg/Kg-dry	1	10/19/2020 11:20:06 PM
Ethylbenzene	ND	0.0206		mg/Kg-dry	1	10/19/2020 11:20:06 PM
m,p-Xylene	ND	0.0413		mg/Kg-dry	1	10/19/2020 11:20:06 PM
o-Xylene	ND	0.0206		mg/Kg-dry	1	10/19/2020 11:20:06 PM
Surr: Dibromofluoromethane	99.0	85.2 - 113		%Rec	1	10/19/2020 11:20:06 PM
Surr: Toluene-d8	95.9	88.5 - 110		%Rec	1	10/19/2020 11:20:06 PM
Surr: 1-Bromo-4-fluorobenzene	97.8	88.6 - 109		%Rec	1	10/19/2020 11:20:06 PM
Sample Moisture (Percent Moisture)				Batch ID: R62673		Analyst: RL
Percent Moisture	9.05	0.500		wt%	1	10/20/2020 9:53:47 AM

Work Order: 2010275
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-30061**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/19/2020**	RunNo: **62689**
Client ID: **MBLKS**	Batch ID: **30061**		Analysis Date: **10/19/2020**	SeqNo: **1257882**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	20.6		20.00		103	50	150				
Surr: o-Terphenyl	17.0		20.00		84.8	50	150				

Sample ID: **LCS-30061**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/19/2020**	RunNo: **62689**
Client ID: **LCSS**	Batch ID: **30061**		Analysis Date: **10/20/2020**	SeqNo: **1257884**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	479	20.0	500.0	0	95.7	65	135				
Surr: 2-Fluorobiphenyl	21.4		20.00		107	50	150				
Surr: o-Terphenyl	19.9		20.00		99.4	50	150				

Sample ID: **2009377-004ADUP**	SampType: **DUP**	Units: **mg/Kg**	Prep Date: **10/19/2020**	RunNo: **62689**
Client ID: **BATCH**	Batch ID: **30061**		Analysis Date: **10/20/2020**	SeqNo: **1257887**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	18.6						0		30	H
Heavy Oil	ND	46.6						0		30	H
Surr: 2-Fluorobiphenyl	18.9		18.64		102	50	150		0		H
Surr: o-Terphenyl	15.2		18.64		81.3	50	150		0		H

Sample ID: **2010275-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **10/19/2020**	RunNo: **62689**
Client ID: **SW-P28-50-S**	Batch ID: **30061**		Analysis Date: **10/20/2020**	SeqNo: **1257894**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	570	22.1	552.0	0	103	65	135				
Surr: 2-Fluorobiphenyl	23.1		22.08		105	50	150				
Surr: o-Terphenyl	21.6		22.08		98.0	50	150				

Work Order: 2010275
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2010275-001AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62689**
Client ID: **SW-P28-50-S** Batch ID: **30061** Analysis Date: **10/20/2020** SeqNo: **1257894**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2010275-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62689**
Client ID: **SW-P28-50-S** Batch ID: **30061** Analysis Date: **10/20/2020** SeqNo: **1257895**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	510	22.0	548.8	0	92.9	65	135	569.9	11.1	30	
Surr: 2-Fluorobiphenyl	21.5		21.95		97.9	50	150		0		
Surr: o-Terphenyl	19.7		21.95		90.0	50	150		0		

Work Order: 2010275
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **MB-30060**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/19/2020**	RunNo: **62671**
Client ID: **MBLKS**	Batch ID: **30060**		Analysis Date: **10/19/2020**	SeqNo: **1257517**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.31		1.250		105	65	135				
Surr: 4-Bromofluorobenzene	1.11		1.250		88.6	65	135				

Sample ID: **LCS-30060**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/19/2020**	RunNo: **62671**
Client ID: **LCSS**	Batch ID: **30060**		Analysis Date: **10/19/2020**	SeqNo: **1257516**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	29.0	5.00	25.00	0	116	65	135				
Surr: Toluene-d8	1.62		1.250		130	65	135				
Surr: 4-Bromofluorobenzene	1.20		1.250		96.4	65	135				

Sample ID: **2010262-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/19/2020**	RunNo: **62671**
Client ID: **BATCH**	Batch ID: **30060**		Analysis Date: **10/19/2020**	SeqNo: **1257496**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	7.07						0		30	
Surr: Toluene-d8	1.85		1.768		105	65	135		0		
Surr: 4-Bromofluorobenzene	1.65		1.768		93.3	65	135		0		

Sample ID: **2010275-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/19/2020**	RunNo: **62671**
Client ID: **SW-P28-50-S**	Batch ID: **30060**		Analysis Date: **10/19/2020**	SeqNo: **1257501**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.52						0		30	
Surr: Toluene-d8	1.41		1.130		125	65	135		0		
Surr: 4-Bromofluorobenzene	1.25		1.130		110	65	135		0		

Work Order: 2010275
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2010275-009BMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **10/19/2020**	RunNo: **62671**
Client ID: **SW-DUP-1-S**	Batch ID: **30060**		Analysis Date: **10/20/2020**	SeqNo: **1257510**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	22.0	4.13	20.65	0	107	65	135				
Surr: Toluene-d8	1.15		1.032		111	65	135				
Surr: 4-Bromofluorobenzene	0.968		1.032		93.8	65	135				

Sample ID: **2010275-009BMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **10/19/2020**	RunNo: **62671**
Client ID: **SW-DUP-1-S**	Batch ID: **30060**		Analysis Date: **10/20/2020**	SeqNo: **1257511**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	19.1	4.13	20.65	0	92.4	65	135	22.00	14.2	30	
Surr: Toluene-d8	1.09		1.032		105	65	135		0		
Surr: 4-Bromofluorobenzene	0.970		1.032		94.0	65	135		0		

Work Order: 2010275
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30060** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **LCSS** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257455**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.05	0.0200	1.000	0	105	66	131				
1,1-Dichloroethene	1.12	0.0200	1.000	0	112	63.4	139				
trans-1,2-Dichloroethene	1.06	0.0200	1.000	0	106	80.5	116				
cis-1,2-Dichloroethene	1.12	0.0200	1.000	0	112	81.8	114				
Benzene	1.13	0.0200	1.000	0	113	79.4	116				
Trichloroethene (TCE)	1.12	0.0200	1.000	0	112	80.8	117				
Toluene	1.14	0.0200	1.000	0	114	80.5	115				
Tetrachloroethene (PCE)	0.823	0.0200	1.000	0	82.3	81.8	116				
Ethylbenzene	1.05	0.0250	1.000	0	105	81.6	116				
m,p-Xylene	2.12	0.0500	2.000	0	106	83.2	115				
o-Xylene	1.06	0.0250	1.000	0	106	82.5	114				
Surr: Dibromofluoromethane	1.30		1.250		104	85.2	113				
Surr: Toluene-d8	1.29		1.250		103	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.27		1.250		101	88.6	109				

Sample ID: **MB-30060** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **MBLKS** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257456**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2010275
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-30060** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **MBLKS** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257456**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.34		1.250		107	85.2	113				
Surr: Toluene-d8	1.35		1.250		108	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.13		1.250		90.4	88.6	109				

Sample ID: **2010262-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **BATCH** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257429**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0283						0		30	
1,1-Dichloroethene	ND	0.0283						0		30	
trans-1,2-Dichloroethene	ND	0.0283						0		30	
cis-1,2-Dichloroethene	ND	0.0283						0		30	
Benzene	ND	0.0283						0		30	
Trichloroethene (TCE)	ND	0.0283						0		30	
Toluene	ND	0.0283						0		30	
Tetrachloroethene (PCE)	0.191	0.0283						0.1941	1.45	30	
Ethylbenzene	ND	0.0354						0		30	
m,p-Xylene	ND	0.0707						0		30	
o-Xylene	ND	0.0354						0		30	
Surr: Dibromofluoromethane	1.76		1.768		99.7	85.2	113		0		
Surr: Toluene-d8	1.73		1.768		97.7	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.68		1.768		95.2	88.6	109		0		

Sample ID: **2010262-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **BATCH** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257431**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.11	0.0175	0.8766	0	127	52.8	150				
1,1-Dichloroethene	1.06	0.0175	0.8766	0	121	62.9	149				

Work Order: 2010275
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010262-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **BATCH** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257431**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	1.02	0.0175	0.8766	0	117	73.1	130				
cis-1,2-Dichloroethene	1.03	0.0175	0.8766	0	118	77.5	125				
Benzene	1.06	0.0175	0.8766	0	121	74.6	126				
Trichloroethene (TCE)	1.17	0.0175	0.8766	0	133	72	133				S
Toluene	0.954	0.0175	0.8766	0	109	72.6	127				
Tetrachloroethene (PCE)	0.996	0.0175	0.8766	0.08977	103	72.7	128				
Ethylbenzene	0.976	0.0219	0.8766	0	111	77.3	126				
m,p-Xylene	1.94	0.0438	1.753	0	110	78.5	126				
o-Xylene	0.938	0.0219	0.8766	0	107	79.4	123				
Surr: Dibromofluoromethane	1.16		1.096		106	85.2	113				
Surr: Toluene-d8	1.01		1.096		92.4	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	0.940		1.096		85.8	88.6	109				S

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.
S - Outlying surrogate recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample ID: **2010262-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **BATCH** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257432**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.05	0.0175	0.8766	0	120	52.8	150	1.113	5.86	30	
1,1-Dichloroethene	1.07	0.0175	0.8766	0	122	62.9	149	1.063	0.602	30	
trans-1,2-Dichloroethene	0.975	0.0175	0.8766	0	111	73.1	130	1.022	4.73	30	
cis-1,2-Dichloroethene	0.987	0.0175	0.8766	0	113	77.5	125	1.035	4.74	30	
Benzene	0.973	0.0175	0.8766	0	111	74.6	126	1.062	8.75	30	
Trichloroethene (TCE)	1.09	0.0175	0.8766	0	125	72	133	1.169	6.83	30	
Toluene	0.932	0.0175	0.8766	0	106	72.6	127	0.9544	2.34	30	
Tetrachloroethene (PCE)	0.949	0.0175	0.8766	0.08977	98.0	72.7	128	0.9956	4.81	30	
Ethylbenzene	0.941	0.0219	0.8766	0	107	77.3	126	0.9759	3.61	30	
m,p-Xylene	1.87	0.0438	1.753	0	107	78.5	126	1.935	3.49	30	
o-Xylene	0.933	0.0219	0.8766	0	106	79.4	123	0.9380	0.573	30	

Work Order: 2010275
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010262-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **BATCH** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257432**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.16		1.096		106	85.2	113		0		
Surr: Toluene-d8	1.02		1.096		93.4	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.09		1.096		99.3	88.6	109		0		

Sample ID: **2010275-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/19/2020** RunNo: **62668**
Client ID: **SW-P28-50-S** Batch ID: **30060** Analysis Date: **10/19/2020** SeqNo: **1257436**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0181						0		30	
1,1-Dichloroethene	ND	0.0181						0		30	
trans-1,2-Dichloroethene	ND	0.0181						0		30	
cis-1,2-Dichloroethene	ND	0.0181						0		30	
Benzene	ND	0.0181						0		30	
Trichloroethene (TCE)	ND	0.0181						0		30	
Toluene	ND	0.0181						0		30	
Tetrachloroethene (PCE)	ND	0.0181						0		30	
Ethylbenzene	ND	0.0226						0		30	
m,p-Xylene	ND	0.0452						0		30	
o-Xylene	ND	0.0226						0		30	
Surr: Dibromofluoromethane	1.11		1.130		98.4	85.2	113		0		
Surr: Toluene-d8	1.12		1.130		99.5	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.27		1.130		113	88.6	109		0		S

NOTES:
S - Outlying surrogate recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010275**
Logged by:	**Carissa True**	Date Received:	**10/16/2020 12:52:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No ☐	Not Present	☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No ☐	NA	☐
4.	Shipping container/cooler in good condition?	Yes	☑	No ☐		
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No ☐	Not Present	☑
6.	Was an attempt made to cool the samples?	Yes	☑	No ☐	NA	☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No ☐	NA	☐
8.	Sample(s) in proper container(s)?	Yes	☑	No ☐		
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No ☐		
10.	Are samples properly preserved?	Yes	☑	No ☐		
11.	Was preservative added to bottles?	Yes	☐	No ☑	NA	☐
12.	Is there headspace in the VOA vials?	Yes	☐	No ☐	NA	☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No ☐		
14.	Does paperwork match bottle labels?	Yes	☑	No ☐		
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No ☐		
16.	Is it clear what analyses were requested?	Yes	☑	No ☐		
17.	Were all holding times able to be met?	Yes	☑	No ☐		

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No ☐	NA	☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	3.2
Sample 2	3.9

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/16/20 Page: 1 of: 1
Laboratory Project No (internal): 2010275
Project Name: Maddux South
Special Remarks:
Project No: 160324
Client: Aspect Consulting
Collected by: Kristin Beck
Address: 710 Second Ave Suite 550
Location: Seattle, WA
City, State, Zip: Seattle, WA 98104
Report To (PM): Andrew Yonkofski
Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)
Telephone:
Fax:
PM Email:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs				Comments
1	SW-P28-50-S	10/16/20	0905	S			X	X		X							X				
2	SW-P30-50-S		0935				X	X		X							X				
3	SW-P32-50-S		0945				X	X		X							X				
4	SW-P34-50-S		0950				X	X		X							X				
5	SW-P36-50-S		1040				X	X		X							X				
6	SW-P38-50-S		1115				X	X		X							X				
7	SW-P40-55-S	↓	1130				X	X		X							X				
8	Trip Blank	10/12/20	1729														X				
9	SW-DUP-1-S	10/16/20	1100				X	X		X							X				
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
☐ Standard
☐ 3 Day
☒ 2 Day
☐ Next Day
Same Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Kristin Beck	10/16/20 1252	x	10/16/20 @ 1252
Relinquished	Date/Time	Received	Date/Time
x		x	

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux South
Work Order Number: 2010332

October 22, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 8 sample(s) on 10/20/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/22/2020*

CLIENT: Aspect Consulting
Project: Maddux South
Work Order: 2010332

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010332-001	SW-P24-45-S	10/20/2020 10:15 AM	10/20/2020 1:51 PM
2010332-002	SW-P22-45-S	10/20/2020 11:05 AM	10/20/2020 1:51 PM
2010332-003	SW-P20-45-S	10/20/2020 11:15 AM	10/20/2020 1:51 PM
2010332-004	SW-P18-50-S	10/20/2020 11:50 AM	10/20/2020 1:51 PM
2010332-005	SW-P16-50-S	10/20/2020 12:00 PM	10/20/2020 1:51 PM
2010332-006	SW-P18-45-S	10/20/2020 12:20 PM	10/20/2020 1:51 PM
2010332-007	SW-P16-45-S	10/20/2020 12:25 PM	10/20/2020 1:51 PM
2010332-008	Trip Blank	09/29/2020 3:18 PM	10/20/2020 1:51 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010332**
Date: **10/22/2020**

CLIENT: Aspect Consulting
Project: Maddux South

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010332**
Date Reported: **10/22/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010332-001 **Collection Date:** 10/20/2020 10:15:00 AM
Client Sample ID: **SW-P24-45-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30100		Analyst: DW
Diesel (Fuel Oil)	ND	23.1		mg/Kg-dry	1	10/21/2020 3:32:53 PM
Heavy Oil	425	57.8		mg/Kg-dry	1	10/21/2020 3:32:53 PM
Surr: 2-Fluorobiphenyl	107	50 - 150		%Rec	1	10/21/2020 3:32:53 PM
Surr: o-Terphenyl	103	50 - 150		%Rec	1	10/21/2020 3:32:53 PM
Gasoline by NWTPH-Gx				Batch ID: 30103		Analyst: CR
Gasoline	ND	5.22		mg/Kg-dry	1	10/22/2020 1:21:43 AM
Gasoline Range Organics (C6-C12)	18.0	5.22		mg/Kg-dry	1	10/22/2020 1:21:43 AM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/22/2020 1:21:43 AM
Surr: 4-Bromofluorobenzene	105	65 - 135		%Rec	1	10/22/2020 1:21:43 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30103		Analyst: CR
Vinyl chloride	ND	0.0209		mg/Kg-dry	1	10/22/2020 1:21:43 AM
1,1-Dichloroethene	ND	0.0209		mg/Kg-dry	1	10/22/2020 1:21:43 AM
trans-1,2-Dichloroethene	ND	0.0209		mg/Kg-dry	1	10/22/2020 1:21:43 AM
cis-1,2-Dichloroethene	ND	0.0209		mg/Kg-dry	1	10/22/2020 1:21:43 AM
Benzene	ND	0.0209		mg/Kg-dry	1	10/22/2020 1:21:43 AM
Trichloroethene (TCE)	ND	0.0209		mg/Kg-dry	1	10/22/2020 1:21:43 AM
Toluene	ND	0.0209		mg/Kg-dry	1	10/22/2020 1:21:43 AM
Tetrachloroethene (PCE)	ND	0.0209		mg/Kg-dry	1	10/22/2020 1:21:43 AM
Ethylbenzene	ND	0.0261		mg/Kg-dry	1	10/22/2020 1:21:43 AM
m,p-Xylene	ND	0.0522		mg/Kg-dry	1	10/22/2020 1:21:43 AM
o-Xylene	ND	0.0261		mg/Kg-dry	1	10/22/2020 1:21:43 AM
Surr: Dibromofluoromethane	93.6	85.2 - 113		%Rec	1	10/22/2020 1:21:43 AM
Surr: Toluene-d8	104	88.5 - 110		%Rec	1	10/22/2020 1:21:43 AM
Surr: 1-Bromo-4-fluorobenzene	105	88.6 - 109		%Rec	1	10/22/2020 1:21:43 AM
Sample Moisture (Percent Moisture)				Batch ID: R62731		Analyst: CJ
Percent Moisture	16.3	0.500		wt%	1	10/21/2020 12:25:58 PM

NOTES:
GRO - Indicates the presence of unresolved compounds eluting from hexane to dodecane (~C6-C12). Pattern does not match a known petroleum distillate.

Analytical Report

Work Order: **2010332**
Date Reported: **10/22/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010332-002 **Collection Date:** 10/20/2020 11:05:00 AM
Client Sample ID: **SW-P22-45-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30100		Analyst: DW
Diesel (Fuel Oil)	ND	26.3		mg/Kg-dry	1	10/21/2020 4:32:31 PM
Heavy Oil	1,040	65.7		mg/Kg-dry	1	10/21/2020 4:32:31 PM
Surr: 2-Fluorobiphenyl	98.0	50 - 150		%Rec	1	10/21/2020 4:32:31 PM
Surr: o-Terphenyl	95.1	50 - 150		%Rec	1	10/21/2020 4:32:31 PM
Gasoline by NWTPH-Gx				Batch ID: 30103		Analyst: CR
Gasoline	ND	6.34		mg/Kg-dry	1	10/22/2020 2:22:21 AM
Surr: Toluene-d8	102	65 - 135		%Rec	1	10/22/2020 2:22:21 AM
Surr: 4-Bromofluorobenzene	97.8	65 - 135		%Rec	1	10/22/2020 2:22:21 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30103		Analyst: CR
Vinyl chloride	ND	0.0254		mg/Kg-dry	1	10/22/2020 2:22:21 AM
1,1-Dichloroethene	ND	0.0254		mg/Kg-dry	1	10/22/2020 2:22:21 AM
trans-1,2-Dichloroethene	ND	0.0254		mg/Kg-dry	1	10/22/2020 2:22:21 AM
cis-1,2-Dichloroethene	0.0623	0.0254		mg/Kg-dry	1	10/22/2020 2:22:21 AM
Benzene	ND	0.0254		mg/Kg-dry	1	10/22/2020 2:22:21 AM
Trichloroethene (TCE)	ND	0.0254		mg/Kg-dry	1	10/22/2020 2:22:21 AM
Toluene	ND	0.0254		mg/Kg-dry	1	10/22/2020 2:22:21 AM
Tetrachloroethene (PCE)	ND	0.0254		mg/Kg-dry	1	10/22/2020 2:22:21 AM
Ethylbenzene	ND	0.0317		mg/Kg-dry	1	10/22/2020 2:22:21 AM
m,p-Xylene	ND	0.0634		mg/Kg-dry	1	10/22/2020 2:22:21 AM
o-Xylene	ND	0.0317		mg/Kg-dry	1	10/22/2020 2:22:21 AM
Surr: Dibromofluoromethane	95.1	85.2 - 113		%Rec	1	10/22/2020 2:22:21 AM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/22/2020 2:22:21 AM
Surr: 1-Bromo-4-fluorobenzene	100	88.6 - 109		%Rec	1	10/22/2020 2:22:21 AM
Sample Moisture (Percent Moisture)				Batch ID: R62731		Analyst: CJ
Percent Moisture	24.7	0.500		wt%	1	10/21/2020 12:25:58 PM

Analytical Report

Work Order: **2010332**
Date Reported: **10/22/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010332-003 **Collection Date:** 10/20/2020 11:15:00 AM
Client Sample ID: **SW-P20-45-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30100		Analyst: DW
Diesel (Fuel Oil)	ND	24.7		mg/Kg-dry	1	10/22/2020 10:07:40 AM
Heavy Oil	ND	61.7		mg/Kg-dry	1	10/22/2020 10:07:40 AM
Surr: 2-Fluorobiphenyl	91.9	50 - 150		%Rec	1	10/22/2020 10:07:40 AM
Surr: o-Terphenyl	92.8	50 - 150		%Rec	1	10/22/2020 10:07:40 AM
Gasoline by NWTPH-Gx				Batch ID: 30103		Analyst: CR
Gasoline	ND	5.96		mg/Kg-dry	1	10/22/2020 2:52:48 AM
Surr: Toluene-d8	102	65 - 135		%Rec	1	10/22/2020 2:52:48 AM
Surr: 4-Bromofluorobenzene	98.7	65 - 135		%Rec	1	10/22/2020 2:52:48 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30103		Analyst: CR
Vinyl chloride	ND	0.0238		mg/Kg-dry	1	10/22/2020 2:52:48 AM
1,1-Dichloroethene	ND	0.0238		mg/Kg-dry	1	10/22/2020 2:52:48 AM
trans-1,2-Dichloroethene	ND	0.0238		mg/Kg-dry	1	10/22/2020 2:52:48 AM
cis-1,2-Dichloroethene	0.0885	0.0238		mg/Kg-dry	1	10/22/2020 2:52:48 AM
Benzene	ND	0.0238		mg/Kg-dry	1	10/22/2020 2:52:48 AM
Trichloroethene (TCE)	ND	0.0238		mg/Kg-dry	1	10/22/2020 2:52:48 AM
Toluene	ND	0.0238		mg/Kg-dry	1	10/22/2020 2:52:48 AM
Tetrachloroethene (PCE)	ND	0.0238		mg/Kg-dry	1	10/22/2020 2:52:48 AM
Ethylbenzene	ND	0.0298		mg/Kg-dry	1	10/22/2020 2:52:48 AM
m,p-Xylene	ND	0.0596		mg/Kg-dry	1	10/22/2020 2:52:48 AM
o-Xylene	ND	0.0298		mg/Kg-dry	1	10/22/2020 2:52:48 AM
Surr: Dibromofluoromethane	97.9	85.2 - 113		%Rec	1	10/22/2020 2:52:48 AM
Surr: Toluene-d8	103	88.5 - 110		%Rec	1	10/22/2020 2:52:48 AM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109		%Rec	1	10/22/2020 2:52:48 AM
Sample Moisture (Percent Moisture)				Batch ID: R62731		Analyst: CJ
Percent Moisture	23.2	0.500		wt%	1	10/21/2020 12:25:58 PM

Analytical Report

Work Order: **2010332**
Date Reported: **10/22/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010332-004 **Collection Date:** 10/20/2020 11:50:00 AM
Client Sample ID: **SW-P18-50-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30100		Analyst: DW
Diesel (Fuel Oil)	ND	23.7		mg/Kg-dry	1	10/22/2020 10:37:19 AM
Heavy Oil	1,500	59.2		mg/Kg-dry	1	10/22/2020 10:37:19 AM
Surr: 2-Fluorobiphenyl	100	50 - 150		%Rec	1	10/22/2020 10:37:19 AM
Surr: o-Terphenyl	96.6	50 - 150		%Rec	1	10/22/2020 10:37:19 AM
Gasoline by NWTPH-Gx				Batch ID: 30103		Analyst: CR
Gasoline	ND	5.97		mg/Kg-dry	1	10/22/2020 3:23:07 AM
Surr: Toluene-d8	102	65 - 135		%Rec	1	10/22/2020 3:23:07 AM
Surr: 4-Bromofluorobenzene	98.4	65 - 135		%Rec	1	10/22/2020 3:23:07 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30103		Analyst: CR
Vinyl chloride	ND	0.0239		mg/Kg-dry	1	10/22/2020 3:23:07 AM
1,1-Dichloroethene	ND	0.0239		mg/Kg-dry	1	10/22/2020 3:23:07 AM
trans-1,2-Dichloroethene	ND	0.0239		mg/Kg-dry	1	10/22/2020 3:23:07 AM
cis-1,2-Dichloroethene	ND	0.0239		mg/Kg-dry	1	10/22/2020 3:23:07 AM
Benzene	ND	0.0239		mg/Kg-dry	1	10/22/2020 3:23:07 AM
Trichloroethene (TCE)	ND	0.0239		mg/Kg-dry	1	10/22/2020 3:23:07 AM
Toluene	ND	0.0239		mg/Kg-dry	1	10/22/2020 3:23:07 AM
Tetrachloroethene (PCE)	0.0262	0.0239		mg/Kg-dry	1	10/22/2020 3:23:07 AM
Ethylbenzene	ND	0.0298		mg/Kg-dry	1	10/22/2020 3:23:07 AM
m,p-Xylene	ND	0.0597		mg/Kg-dry	1	10/22/2020 3:23:07 AM
o-Xylene	ND	0.0298		mg/Kg-dry	1	10/22/2020 3:23:07 AM
Surr: Dibromofluoromethane	95.5	85.2 - 113		%Rec	1	10/22/2020 3:23:07 AM
Surr: Toluene-d8	104	88.5 - 110		%Rec	1	10/22/2020 3:23:07 AM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109		%Rec	1	10/22/2020 3:23:07 AM
Sample Moisture (Percent Moisture)				Batch ID: R62731		Analyst: CJ
Percent Moisture	18.2	0.500		wt%	1	10/21/2020 12:25:58 PM

Analytical Report

Work Order: **2010332**
Date Reported: **10/22/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010332-005 **Collection Date:** 10/20/2020 12:00:00 PM
Client Sample ID: **SW-P16-50-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30100		Analyst: DW
Diesel (Fuel Oil)	ND	24.7		mg/Kg-dry	1	10/22/2020 12:36:02 PM
Heavy Oil	ND	61.8		mg/Kg-dry	1	10/22/2020 12:36:02 PM
Surr: 2-Fluorobiphenyl	103	50 - 150		%Rec	1	10/22/2020 12:36:02 PM
Surr: o-Terphenyl	100	50 - 150		%Rec	1	10/22/2020 12:36:02 PM
Gasoline by NWTPH-Gx				Batch ID: 30103		Analyst: CR
Gasoline	ND	5.45		mg/Kg-dry	1	10/22/2020 3:53:29 AM
Surr: Toluene-d8	102	65 - 135		%Rec	1	10/22/2020 3:53:29 AM
Surr: 4-Bromofluorobenzene	97.2	65 - 135		%Rec	1	10/22/2020 3:53:29 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30103		Analyst: CR
Vinyl chloride	ND	0.0218		mg/Kg-dry	1	10/22/2020 3:53:29 AM
1,1-Dichloroethene	ND	0.0218		mg/Kg-dry	1	10/22/2020 3:53:29 AM
trans-1,2-Dichloroethene	ND	0.0218		mg/Kg-dry	1	10/22/2020 3:53:29 AM
cis-1,2-Dichloroethene	0.0242	0.0218		mg/Kg-dry	1	10/22/2020 3:53:29 AM
Benzene	ND	0.0218		mg/Kg-dry	1	10/22/2020 3:53:29 AM
Trichloroethene (TCE)	0.0352	0.0218		mg/Kg-dry	1	10/22/2020 3:53:29 AM
Toluene	ND	0.0218		mg/Kg-dry	1	10/22/2020 3:53:29 AM
Tetrachloroethene (PCE)	0.139	0.0218		mg/Kg-dry	1	10/22/2020 3:53:29 AM
Ethylbenzene	ND	0.0272		mg/Kg-dry	1	10/22/2020 3:53:29 AM
m,p-Xylene	ND	0.0545		mg/Kg-dry	1	10/22/2020 3:53:29 AM
o-Xylene	ND	0.0272		mg/Kg-dry	1	10/22/2020 3:53:29 AM
Surr: Dibromofluoromethane	97.2	85.2 - 113		%Rec	1	10/22/2020 3:53:29 AM
Surr: Toluene-d8	104	88.5 - 110		%Rec	1	10/22/2020 3:53:29 AM
Surr: 1-Bromo-4-fluorobenzene	99.9	88.6 - 109		%Rec	1	10/22/2020 3:53:29 AM
Sample Moisture (Percent Moisture)				Batch ID: R62731		Analyst: CJ
Percent Moisture	19.1	0.500		wt%	1	10/21/2020 12:25:58 PM

Analytical Report

Work Order: **2010332**
Date Reported: **10/22/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010332-006 **Collection Date:** 10/20/2020 12:20:00 PM
Client Sample ID: **SW-P18-45-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30100		Analyst: DW
Diesel (Fuel Oil)	ND	22.0		mg/Kg-dry	1	10/22/2020 11:36:38 AM
Heavy Oil	ND	55.0		mg/Kg-dry	1	10/22/2020 11:36:38 AM
Surr: 2-Fluorobiphenyl	99.2	50 - 150		%Rec	1	10/22/2020 11:36:38 AM
Surr: o-Terphenyl	96.6	50 - 150		%Rec	1	10/22/2020 11:36:38 AM
Gasoline by NWTPH-Gx				Batch ID: 30103		Analyst: CR
Gasoline	ND	5.38		mg/Kg-dry	1	10/22/2020 4:23:45 AM
Surr: Toluene-d8	102	65 - 135		%Rec	1	10/22/2020 4:23:45 AM
Surr: 4-Bromofluorobenzene	97.0	65 - 135		%Rec	1	10/22/2020 4:23:45 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30103		Analyst: CR
Vinyl chloride	ND	0.0215		mg/Kg-dry	1	10/22/2020 4:23:45 AM
1,1-Dichloroethene	ND	0.0215		mg/Kg-dry	1	10/22/2020 4:23:45 AM
trans-1,2-Dichloroethene	ND	0.0215		mg/Kg-dry	1	10/22/2020 4:23:45 AM
cis-1,2-Dichloroethene	ND	0.0215		mg/Kg-dry	1	10/22/2020 4:23:45 AM
Benzene	ND	0.0215		mg/Kg-dry	1	10/22/2020 4:23:45 AM
Trichloroethene (TCE)	ND	0.0215		mg/Kg-dry	1	10/22/2020 4:23:45 AM
Toluene	ND	0.0215		mg/Kg-dry	1	10/22/2020 4:23:45 AM
Tetrachloroethene (PCE)	ND	0.0215		mg/Kg-dry	1	10/22/2020 4:23:45 AM
Ethylbenzene	ND	0.0269		mg/Kg-dry	1	10/22/2020 4:23:45 AM
m,p-Xylene	ND	0.0538		mg/Kg-dry	1	10/22/2020 4:23:45 AM
o-Xylene	ND	0.0269		mg/Kg-dry	1	10/22/2020 4:23:45 AM
Surr: Dibromofluoromethane	95.7	85.2 - 113		%Rec	1	10/22/2020 4:23:45 AM
Surr: Toluene-d8	104	88.5 - 110		%Rec	1	10/22/2020 4:23:45 AM
Surr: 1-Bromo-4-fluorobenzene	99.7	88.6 - 109		%Rec	1	10/22/2020 4:23:45 AM
Sample Moisture (Percent Moisture)				Batch ID: R62731		Analyst: CJ
Percent Moisture	17.3	0.500		wt%	1	10/21/2020 12:25:58 PM

Analytical Report

Work Order: **2010332**
Date Reported: **10/22/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010332-007 **Collection Date:** 10/20/2020 12:25:00 PM
Client Sample ID: **SW-P16-45-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30100		Analyst: DW
Diesel (Fuel Oil)	ND	23.7		mg/Kg-dry	1	10/22/2020 12:06:19 PM
Heavy Oil	ND	59.2		mg/Kg-dry	1	10/22/2020 12:06:19 PM
Surr: 2-Fluorobiphenyl	101	50 - 150		%Rec	1	10/22/2020 12:06:19 PM
Surr: o-Terphenyl	98.4	50 - 150		%Rec	1	10/22/2020 12:06:19 PM
Gasoline by NWTPH-Gx				Batch ID: 30103		Analyst: CR
Gasoline	ND	5.32		mg/Kg-dry	1	10/22/2020 4:54:10 AM
Surr: Toluene-d8	103	65 - 135		%Rec	1	10/22/2020 4:54:10 AM
Surr: 4-Bromofluorobenzene	97.5	65 - 135		%Rec	1	10/22/2020 4:54:10 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30103		Analyst: CR
Vinyl chloride	ND	0.0213		mg/Kg-dry	1	10/22/2020 4:54:10 AM
1,1-Dichloroethene	ND	0.0213		mg/Kg-dry	1	10/22/2020 4:54:10 AM
trans-1,2-Dichloroethene	ND	0.0213		mg/Kg-dry	1	10/22/2020 4:54:10 AM
cis-1,2-Dichloroethene	0.0282	0.0213		mg/Kg-dry	1	10/22/2020 4:54:10 AM
Benzene	ND	0.0213		mg/Kg-dry	1	10/22/2020 4:54:10 AM
Trichloroethene (TCE)	0.127	0.0213		mg/Kg-dry	1	10/22/2020 4:54:10 AM
Toluene	ND	0.0213		mg/Kg-dry	1	10/22/2020 4:54:10 AM
Tetrachloroethene (PCE)	0.107	0.0213		mg/Kg-dry	1	10/22/2020 4:54:10 AM
Ethylbenzene	ND	0.0266		mg/Kg-dry	1	10/22/2020 4:54:10 AM
m,p-Xylene	ND	0.0532		mg/Kg-dry	1	10/22/2020 4:54:10 AM
o-Xylene	ND	0.0266		mg/Kg-dry	1	10/22/2020 4:54:10 AM
Surr: Dibromofluoromethane	96.0	85.2 - 113		%Rec	1	10/22/2020 4:54:10 AM
Surr: Toluene-d8	104	88.5 - 110		%Rec	1	10/22/2020 4:54:10 AM
Surr: 1-Bromo-4-fluorobenzene	100	88.6 - 109		%Rec	1	10/22/2020 4:54:10 AM
Sample Moisture (Percent Moisture)				Batch ID: R62731		Analyst: CJ
Percent Moisture	17.8	0.500		wt%	1	10/21/2020 12:25:58 PM

Analytical Report

Work Order: **2010332**
Date Reported: **10/22/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010332-008 **Collection Date:** 9/29/2020 3:18:00 PM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Gasoline by NWTPH-Gx				Batch ID: 30103		Analyst: CR
Gasoline	ND	5.00	H	mg/Kg	1	10/21/2020 10:49:45 PM
Surr: Toluene-d8	102	65 - 135	H	%Rec	1	10/21/2020 10:49:45 PM
Surr: 4-Bromofluorobenzene	97.2	65 - 135	H	%Rec	1	10/21/2020 10:49:45 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30103		Analyst: CR
Vinyl chloride	ND	0.0200	H	mg/Kg	1	10/21/2020 10:49:45 PM
1,1-Dichloroethene	ND	0.0200	H	mg/Kg	1	10/21/2020 10:49:45 PM
trans-1,2-Dichloroethene	ND	0.0200	H	mg/Kg	1	10/21/2020 10:49:45 PM
cis-1,2-Dichloroethene	ND	0.0200	H	mg/Kg	1	10/21/2020 10:49:45 PM
Benzene	ND	0.0200	H	mg/Kg	1	10/21/2020 10:49:45 PM
Trichloroethene (TCE)	ND	0.0200	H	mg/Kg	1	10/21/2020 10:49:45 PM
Toluene	ND	0.0200	H	mg/Kg	1	10/21/2020 10:49:45 PM
Tetrachloroethene (PCE)	ND	0.0200	H	mg/Kg	1	10/21/2020 10:49:45 PM
Ethylbenzene	ND	0.0250	H	mg/Kg	1	10/21/2020 10:49:45 PM
m,p-Xylene	ND	0.0500	H	mg/Kg	1	10/21/2020 10:49:45 PM
o-Xylene	ND	0.0250	H	mg/Kg	1	10/21/2020 10:49:45 PM
Surr: Dibromofluoromethane	93.7	85.2 - 113	H	%Rec	1	10/21/2020 10:49:45 PM
Surr: Toluene-d8	103	88.5 - 110	H	%Rec	1	10/21/2020 10:49:45 PM
Surr: 1-Bromo-4-fluorobenzene	100	88.6 - 109	H	%Rec	1	10/21/2020 10:49:45 PM

Work Order: 2010332
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-30100**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/20/2020**	RunNo: **62736**
Client ID: **MBLKS**	Batch ID: **30100**		Analysis Date: **10/21/2020**	SeqNo: **1258828**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	20.7		20.00		103	50	150				
Surr: o-Terphenyl	19.7		20.00		98.5	50	150				

Sample ID: **LCS-30100**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/20/2020**	RunNo: **62736**
Client ID: **LCSS**	Batch ID: **30100**		Analysis Date: **10/21/2020**	SeqNo: **1258829**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	527	20.0	500.0	0	105	65	135				
Surr: 2-Fluorobiphenyl	22.0		20.00		110	50	150				
Surr: o-Terphenyl	23.2		20.00		116	50	150				

Sample ID: **2010320-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **10/20/2020**	RunNo: **62736**
Client ID: **BATCH**	Batch ID: **30100**		Analysis Date: **10/21/2020**	SeqNo: **1258838**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	5,120	19.6	489.2	3,829	263	65	135				S
Surr: 2-Fluorobiphenyl	20.6		19.57		105	50	150				
Surr: o-Terphenyl	58.4		19.57		298	50	150				S

NOTES:
S - Analyte concentration was too high for accurate spike recovery(ies).
S - Outlying surrogate recovery attributed to TPH interference.

Sample ID: **2010320-001AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **10/20/2020**	RunNo: **62736**
Client ID: **BATCH**	Batch ID: **30100**		Analysis Date: **10/21/2020**	SeqNo: **1259387**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	4,890	20.5	513.1	3,829	207	65	135	5,117	4.50	30	S
Surr: 2-Fluorobiphenyl	21.3		20.52		104	50	150		0		

Work Order: 2010332
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2010320-001AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/20/2020** RunNo: **62736**
Client ID: **BATCH** Batch ID: **30100** Analysis Date: **10/21/2020** SeqNo: **1259387**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: o-Terphenyl	57.8		20.52		282	50	150		0		S

NOTES:
S - Analyte concentration was too high for accurate spike recovery(ies).
S - Outlying surrogate recovery attributed to TPH interference

Sample ID: **2010332-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/20/2020** RunNo: **62736**
Client ID: **SW-P24-45-S** Batch ID: **30100** Analysis Date: **10/21/2020** SeqNo: **1259389**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	22.5						0		30	
Heavy Oil	418	56.2						424.9	1.71	30	
Surr: 2-Fluorobiphenyl	22.7		22.46		101	50	150		0		
Surr: o-Terphenyl	21.9		22.46		97.7	50	150		0		

Work Order: 2010332
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-30103**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/21/2020**	RunNo: **62757**
Client ID: **LCSS**	Batch ID: **30103**		Analysis Date: **10/21/2020**	SeqNo: **1259367**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	26.5	5.00	25.00	0	106	65	135				
Surr: Toluene-d8	1.28		1.250		102	65	135				
Surr: 4-Bromofluorobenzene	1.24		1.250		98.9	65	135				

Sample ID: **MB-30103**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/21/2020**	RunNo: **62757**
Client ID: **MBLKS**	Batch ID: **30103**		Analysis Date: **10/21/2020**	SeqNo: **1259368**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.27		1.250		102	65	135				
Surr: 4-Bromofluorobenzene	1.21		1.250		96.5	65	135				

Sample ID: **2010241-002BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/21/2020**	RunNo: **62757**
Client ID: **BATCH**	Batch ID: **30103**		Analysis Date: **10/22/2020**	SeqNo: **1259353**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.65						0		30	
Surr: Toluene-d8	1.19		1.162		102	65	135		0		
Surr: 4-Bromofluorobenzene	1.12		1.162		96.2	65	135		0		

Sample ID: **2010332-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/21/2020**	RunNo: **62757**
Client ID: **SW-P24-45-S**	Batch ID: **30103**		Analysis Date: **10/22/2020**	SeqNo: **1259355**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.22						0		30	
Gasoline Range Organics (C6-C12)	ND	5.22						17.96	139	30	R
Surr: Toluene-d8	1.33		1.305		102	65	135		0		
Surr: 4-Bromofluorobenzene	1.28		1.305		98.2	65	135		0		

Work Order: 2010332
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2010332-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/21/2020** RunNo: **62757**
Client ID: **SW-P24-45-S** Batch ID: **30103** Analysis Date: **10/22/2020** SeqNo: **1259355**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
R - High RPD observed. The method is in control as indicated by the LCS.
GRO - Indicates the presence of unresolved compounds eluting from hexane to dodecane (~C6-C12).

Sample ID: **2010332-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/21/2020** RunNo: **62757**
Client ID: **SW-P22-45-S** Batch ID: **30103** Analysis Date: **10/22/2020** SeqNo: **1259357**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	50.1	6.34	31.72	3.766	146	65	135				S
Surr: Toluene-d8	1.60		1.586		101	65	135				
Surr: 4-Bromofluorobenzene	1.69		1.586		106	65	135				

NOTES:
S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample ID: **2010332-002BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/21/2020** RunNo: **62757**
Client ID: **SW-P22-45-S** Batch ID: **30103** Analysis Date: **10/22/2020** SeqNo: **1259358**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	32.8	6.34	31.72	3.766	91.4	65	135	50.09	41.8	30	R
Surr: Toluene-d8	1.61		1.586		101	65	135		0		
Surr: 4-Bromofluorobenzene	1.63		1.586		103	65	135		0		

NOTES:
R - High RPD observed, spike recovery is within range.

Work Order: 2010332
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30103** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/21/2020** RunNo: **62756**
Client ID: **LCSS** Batch ID: **30103** Analysis Date: **10/21/2020** SeqNo: **1259350**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.965	0.0200	1.000	0	96.5	66	131				
1,1-Dichloroethene	1.15	0.0200	1.000	0	115	63.4	139				
trans-1,2-Dichloroethene	1.09	0.0200	1.000	0	109	80.5	116				
cis-1,2-Dichloroethene	1.07	0.0200	1.000	0	107	81.8	114				
Benzene	1.10	0.0200	1.000	0	110	79.4	116				
Trichloroethene (TCE)	1.08	0.0200	1.000	0	108	80.8	117				
Toluene	1.07	0.0200	1.000	0	107	80.5	115				
Tetrachloroethene (PCE)	1.00	0.0200	1.000	0	100	81.8	116				
Ethylbenzene	1.05	0.0250	1.000	0	105	81.6	116				
m,p-Xylene	2.05	0.0500	2.000	0	102	83.2	115				
o-Xylene	1.01	0.0250	1.000	0	101	82.5	114				
Surr: Dibromofluoromethane	1.06		1.250		84.8	85.2	113				S
Surr: Toluene-d8	1.31		1.250		105	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.29		1.250		104	88.6	109				

NOTES:
S - Outlying surrogate recovery(ies) observed.

Sample ID: **MB-30103** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/21/2020** RunNo: **62756**
Client ID: **MBLKS** Batch ID: **30103** Analysis Date: **10/21/2020** SeqNo: **1259351**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									

Work Order: 2010332
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-30103**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/21/2020**	RunNo: **62756**
Client ID: **MBLKS**	Batch ID: **30103**		Analysis Date: **10/21/2020**	SeqNo: **1259351**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	0.0250									
Surr: Dibromofluoromethane	1.18		1.250		94.1	85.2	113				
Surr: Toluene-d8	1.29		1.250		103	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.250		99.3	88.6	109				

Sample ID: **2010241-002BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/21/2020**	RunNo: **62756**
Client ID: **BATCH**	Batch ID: **30103**		Analysis Date: **10/22/2020**	SeqNo: **1259335**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0186						0		30	
1,1-Dichloroethene	ND	0.0186						0		30	
trans-1,2-Dichloroethene	ND	0.0186						0		30	
cis-1,2-Dichloroethene	ND	0.0186						0		30	
Benzene	ND	0.0186						0		30	
Trichloroethene (TCE)	ND	0.0186						0		30	
Toluene	ND	0.0186						0		30	
Tetrachloroethene (PCE)	ND	0.0186						0		30	
Ethylbenzene	ND	0.0232						0		30	
m,p-Xylene	ND	0.0465						0		30	
o-Xylene	ND	0.0232						0		30	
Surr: Dibromofluoromethane	1.14		1.162		98.5	85.2	113		0		
Surr: Toluene-d8	1.20		1.162		104	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.15		1.162		98.9	88.6	109		0		

Sample ID: **2010332-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/21/2020**	RunNo: **62756**
Client ID: **SW-P24-45-S**	Batch ID: **30103**		Analysis Date: **10/22/2020**	SeqNo: **1259340**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0209						0		30	

Work Order: 2010332
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010332-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/21/2020** RunNo: **62756**
Client ID: **SW-P24-45-S** Batch ID: **30103** Analysis Date: **10/22/2020** SeqNo: **1259340**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	0.0209						0		30	
trans-1,2-Dichloroethene	ND	0.0209						0		30	
cis-1,2-Dichloroethene	ND	0.0209						0		30	
Benzene	ND	0.0209						0		30	
Trichloroethene (TCE)	ND	0.0209						0		30	
Toluene	ND	0.0209						0		30	
Tetrachloroethene (PCE)	ND	0.0209						0		30	
Ethylbenzene	ND	0.0261						0		30	
m,p-Xylene	ND	0.0522						0		30	
o-Xylene	ND	0.0261						0		30	
Surr: Dibromofluoromethane	1.22		1.305		93.2	85.2	113		0		
Surr: Toluene-d8	1.34		1.305		103	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.31		1.305		100	88.6	109		0		

Sample ID: **2010248-048BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **10/21/2020** RunNo: **62756**
Client ID: **BATCH** Batch ID: **30103** Analysis Date: **10/22/2020** SeqNo: **1259337**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.700	0.0118	0.5889	0	119	52.8	150				
1,1-Dichloroethene	0.765	0.0118	0.5889	0	130	62.9	149				
trans-1,2-Dichloroethene	0.662	0.0118	0.5889	0	112	73.1	130				
cis-1,2-Dichloroethene	0.641	0.0118	0.5889	0	109	77.5	125				
Benzene	0.693	0.0118	0.5889	0	118	74.6	126				
Trichloroethene (TCE)	0.673	0.0118	0.5889	0	114	72	133				
Toluene	0.663	0.0118	0.5889	0	113	72.6	127				
Tetrachloroethene (PCE)	0.628	0.0118	0.5889	0	107	72.7	128				
Ethylbenzene	0.650	0.0147	0.5889	0	110	77.3	126				
m,p-Xylene	1.26	0.0294	1.178	0	107	78.5	126				
o-Xylene	0.622	0.0147	0.5889	0	106	79.4	123				
Surr: Dibromofluoromethane	0.548		0.7362		74.5	85.2	113				S

Work Order: 2010332
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010248-048BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **10/21/2020** RunNo: **62756**
Client ID: **BATCH** Batch ID: **30103** Analysis Date: **10/22/2020** SeqNo: **1259337**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	0.781		0.7362		106	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	3.95		3.681		107	88.6	109				

Sample ID: **2010248-048BMSD** SampType: **MSD** Units: **mg/Kg** Prep Date: **10/21/2020** RunNo: **62756**
Client ID: **BATCH** Batch ID: **30103** Analysis Date: **10/22/2020** SeqNo: **1259338**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.695	0.0118	0.5889	0	118	52.8	150	0.7002	0.717	30	
1,1-Dichloroethene	0.732	0.0118	0.5889	0	124	62.9	149	0.7653	4.51	30	
trans-1,2-Dichloroethene	0.673	0.0118	0.5889	0	114	73.1	130	0.6622	1.67	30	
cis-1,2-Dichloroethene	0.649	0.0118	0.5889	0	110	77.5	125	0.6409	1.29	30	
Benzene	0.673	0.0118	0.5889	0	114	74.6	126	0.6931	3.01	30	
Trichloroethene (TCE)	0.663	0.0118	0.5889	0	113	72	133	0.6730	1.55	30	
Toluene	0.650	0.0118	0.5889	0	110	72.6	127	0.6632	1.97	30	
Tetrachloroethene (PCE)	0.621	0.0118	0.5889	0	106	72.7	128	0.6279	1.06	30	
Ethylbenzene	0.646	0.0147	0.5889	0	110	77.3	126	0.6505	0.652	30	
m,p-Xylene	1.25	0.0294	1.178	0	107	78.5	126	1.265	0.800	30	
o-Xylene	0.623	0.0147	0.5889	0	106	79.4	123	0.6219	0.192	30	
Surr: Dibromofluoromethane	0.632		0.7362		85.8	85.2	113		0		
Surr: Toluene-d8	0.770		0.7362		105	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	3.99		3.681		108	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010332**
Logged by:	**Clare Griggs**	Date Received:	**10/20/2020 1:51:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☐	No	☑	NA ☐
	Samples were collected the same day and chilled.					
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample	9.9

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/20/2020 Page: 1 of: 1

Project Name: Maddux South

Project No: 160324

Collected by: DWO

Location: Maddux South

Report To (PM): A. Yonkofski @aspectconsulting.com

PM Email: ayonkofski@aspectconsulting.com

Laboratory Project No (internal): 2010337

Special Remarks:

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 413-5411

Fax:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)**	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260	Comments
1 SW-P24-45-S	10/20/20	1015	S		X				X							X			VOAs labeled SW-P24-50-S
2 SW-P22-45-S		1105																
3 SW-P20-45-S		1115																
4 SW-P18-50-S		1150																
5 SW-P16-50-S		1200																
6 SW-P18-45-S		1220																
7 SW-P16-45-S		1225																
8 Trip Blank	—	—	W															
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/20/20 1335	x [signature]	10/20/20 1351
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☒ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux S
Work Order Number: 2010371

October 29, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 6 sample(s) on 10/22/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

Date: *10/29/2020*

CLIENT: Aspect Consulting
Project: Maddux S
Work Order: 2010371

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010371-001	SW-P30-45-S	10/22/2020 8:31 AM	10/22/2020 2:43 PM
2010371-002	SW-P32-45-S	10/22/2020 8:45 AM	10/22/2020 2:43 PM
2010371-003	SW-P34-45-S	10/22/2020 10:25 AM	10/22/2020 2:43 PM
2010371-004	SW-P36-45-S	10/22/2020 10:30 AM	10/22/2020 2:43 PM
2010371-005	SW-DUP-2-S	10/22/2020 10:35 AM	10/22/2020 2:43 PM
2010371-006	SP-102120-S	10/21/2020 2:50 PM	10/22/2020 2:43 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010371**
Date: **10/29/2020**

CLIENT: Aspect Consulting
Project: Maddux S

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010371**
Date Reported: **10/29/2020**

Client: Aspect Consulting
Collection Date: 10/22/2020 8:31:00 AM
Project: Maddux S
Lab ID: 2010371-001
Matrix: Soil
Client Sample ID: **SW-P30-45-S**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30175		Analyst: IH
Diesel (Fuel Oil)	ND	20.2		mg/Kg-dry	1	10/27/2020 4:58:10 PM
Heavy Oil	ND	50.4		mg/Kg-dry	1	10/27/2020 4:58:10 PM
Surr: 2-Fluorobiphenyl	77.8	50 - 150		%Rec	1	10/27/2020 4:58:10 PM
Surr: o-Terphenyl	77.9	50 - 150		%Rec	1	10/27/2020 4:58:10 PM
Gasoline by NWTPH-Gx				Batch ID: 30189		Analyst: KT
Gasoline	ND	4.65		mg/Kg-dry	1	10/28/2020 4:14:21 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	10/28/2020 4:14:21 PM
Surr: 4-Bromofluorobenzene	101	65 - 135		%Rec	1	10/28/2020 4:14:21 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30189		Analyst: KT
Vinyl chloride	ND	0.0186		mg/Kg-dry	1	10/28/2020 4:14:21 PM
1,1-Dichloroethene	ND	0.0186		mg/Kg-dry	1	10/28/2020 4:14:21 PM
trans-1,2-Dichloroethene	ND	0.0186		mg/Kg-dry	1	10/28/2020 4:14:21 PM
cis-1,2-Dichloroethene	ND	0.0186		mg/Kg-dry	1	10/28/2020 4:14:21 PM
Benzene	ND	0.0186		mg/Kg-dry	1	10/28/2020 4:14:21 PM
Trichloroethene (TCE)	ND	0.0186		mg/Kg-dry	1	10/28/2020 4:14:21 PM
Toluene	ND	0.0186		mg/Kg-dry	1	10/28/2020 4:14:21 PM
Tetrachloroethene (PCE)	ND	0.0186		mg/Kg-dry	1	10/28/2020 4:14:21 PM
Ethylbenzene	ND	0.0232		mg/Kg-dry	1	10/28/2020 4:14:21 PM
m,p-Xylene	0.194	0.0465		mg/Kg-dry	1	10/28/2020 4:14:21 PM
o-Xylene	0.0624	0.0232		mg/Kg-dry	1	10/28/2020 4:14:21 PM
Surr: Dibromofluoromethane	97.6	85.2 - 113		%Rec	1	10/28/2020 4:14:21 PM
Surr: Toluene-d8	98.1	88.5 - 110		%Rec	1	10/28/2020 4:14:21 PM
Surr: 1-Bromo-4-fluorobenzene	99.6	88.6 - 109		%Rec	1	10/28/2020 4:14:21 PM
Sample Moisture (Percent Moisture)				Batch ID: R62839		Analyst: RL
Percent Moisture	12.0	0.500		wt%	1	10/26/2020 11:15:51 AM

Analytical Report

Work Order: **2010371**
Date Reported: **10/29/2020**

Client: Aspect Consulting
Collection Date: 10/22/2020 8:45:00 AM
Project: Maddux S
Lab ID: 2010371-002
Matrix: Soil
Client Sample ID: **SW-P32-45-S**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30175		Analyst: IH
Diesel (Fuel Oil)	ND	21.8		mg/Kg-dry	1	10/27/2020 5:27:59 PM
Heavy Oil	ND	54.5		mg/Kg-dry	1	10/27/2020 5:27:59 PM
Surr: 2-Fluorobiphenyl	77.7	50 - 150		%Rec	1	10/27/2020 5:27:59 PM
Surr: o-Terphenyl	78.0	50 - 150		%Rec	1	10/27/2020 5:27:59 PM
Gasoline by NWTPH-Gx				Batch ID: 30189		Analyst: KT
Gasoline	5.28	4.74		mg/Kg-dry	1	10/28/2020 5:15:09 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/28/2020 5:15:09 PM
Surr: 4-Bromofluorobenzene	98.3	65 - 135		%Rec	1	10/28/2020 5:15:09 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30189		Analyst: KT
Vinyl chloride	ND	0.0189		mg/Kg-dry	1	10/28/2020 5:15:09 PM
1,1-Dichloroethene	ND	0.0189		mg/Kg-dry	1	10/28/2020 5:15:09 PM
trans-1,2-Dichloroethene	ND	0.0189		mg/Kg-dry	1	10/28/2020 5:15:09 PM
cis-1,2-Dichloroethene	ND	0.0189		mg/Kg-dry	1	10/28/2020 5:15:09 PM
Benzene	ND	0.0189		mg/Kg-dry	1	10/28/2020 5:15:09 PM
Trichloroethene (TCE)	ND	0.0189		mg/Kg-dry	1	10/28/2020 5:15:09 PM
Toluene	ND	0.0189		mg/Kg-dry	1	10/28/2020 5:15:09 PM
Tetrachloroethene (PCE)	ND	0.0189		mg/Kg-dry	1	10/28/2020 5:15:09 PM
Ethylbenzene	ND	0.0237		mg/Kg-dry	1	10/28/2020 5:15:09 PM
m,p-Xylene	ND	0.0474		mg/Kg-dry	1	10/28/2020 5:15:09 PM
o-Xylene	ND	0.0237		mg/Kg-dry	1	10/28/2020 5:15:09 PM
Surr: Dibromofluoromethane	97.2	85.2 - 113		%Rec	1	10/28/2020 5:15:09 PM
Surr: Toluene-d8	97.3	88.5 - 110		%Rec	1	10/28/2020 5:15:09 PM
Surr: 1-Bromo-4-fluorobenzene	96.9	88.6 - 109		%Rec	1	10/28/2020 5:15:09 PM
Sample Moisture (Percent Moisture)				Batch ID: R62839		Analyst: RL
Percent Moisture	12.6	0.500		wt%	1	10/26/2020 11:15:51 AM

Analytical Report

Work Order: **2010371**
Date Reported: **10/29/2020**

Client: Aspect Consulting
Collection Date: 10/22/2020 10:25:00 AM
Project: Maddux S
Lab ID: 2010371-003
Matrix: Soil
Client Sample ID: **SW-P34-45-S**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30175		Analyst: IH
Diesel (Fuel Oil)	ND	21.0		mg/Kg-dry	1	10/27/2020 5:57:43 PM
Heavy Oil	ND	52.6		mg/Kg-dry	1	10/27/2020 5:57:43 PM
Surr: 2-Fluorobiphenyl	78.6	50 - 150		%Rec	1	10/27/2020 5:57:43 PM
Surr: o-Terphenyl	79.6	50 - 150		%Rec	1	10/27/2020 5:57:43 PM
Gasoline by NWTPH-Gx				Batch ID: 30189		Analyst: KT
Gasoline	ND	5.40		mg/Kg-dry	1	10/28/2020 5:45:31 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	10/28/2020 5:45:31 PM
Surr: 4-Bromofluorobenzene	99.4	65 - 135		%Rec	1	10/28/2020 5:45:31 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30189		Analyst: KT
Vinyl chloride	ND	0.0216		mg/Kg-dry	1	10/28/2020 5:45:31 PM
1,1-Dichloroethene	ND	0.0216		mg/Kg-dry	1	10/28/2020 5:45:31 PM
trans-1,2-Dichloroethene	ND	0.0216		mg/Kg-dry	1	10/28/2020 5:45:31 PM
cis-1,2-Dichloroethene	ND	0.0216		mg/Kg-dry	1	10/28/2020 5:45:31 PM
Benzene	ND	0.0216		mg/Kg-dry	1	10/28/2020 5:45:31 PM
Trichloroethene (TCE)	ND	0.0216		mg/Kg-dry	1	10/28/2020 5:45:31 PM
Toluene	ND	0.0216		mg/Kg-dry	1	10/28/2020 5:45:31 PM
Tetrachloroethene (PCE)	ND	0.0216		mg/Kg-dry	1	10/28/2020 5:45:31 PM
Ethylbenzene	ND	0.0270		mg/Kg-dry	1	10/28/2020 5:45:31 PM
m,p-Xylene	ND	0.0540		mg/Kg-dry	1	10/28/2020 5:45:31 PM
o-Xylene	ND	0.0270		mg/Kg-dry	1	10/28/2020 5:45:31 PM
Surr: Dibromofluoromethane	98.0	85.2 - 113		%Rec	1	10/28/2020 5:45:31 PM
Surr: Toluene-d8	98.0	88.5 - 110		%Rec	1	10/28/2020 5:45:31 PM
Surr: 1-Bromo-4-fluorobenzene	97.9	88.6 - 109		%Rec	1	10/28/2020 5:45:31 PM
Sample Moisture (Percent Moisture)				Batch ID: R62839		Analyst: RL
Percent Moisture	13.6	0.500		wt%	1	10/26/2020 11:15:51 AM

Analytical Report

Work Order: **2010371**
Date Reported: **10/29/2020**

Client: Aspect Consulting
Collection Date: 10/22/2020 10:30:00 AM
Project: Maddux S
Lab ID: 2010371-004
Matrix: Soil
Client Sample ID: **SW-P36-45-S**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30175		Analyst: IH
Diesel (Fuel Oil)	ND	23.5		mg/Kg-dry	1	10/27/2020 7:26:53 PM
Heavy Oil	ND	58.8		mg/Kg-dry	1	10/27/2020 7:26:53 PM
Surr: 2-Fluorobiphenyl	89.0	50 - 150		%Rec	1	10/27/2020 7:26:53 PM
Surr: o-Terphenyl	90.3	50 - 150		%Rec	1	10/27/2020 7:26:53 PM
Gasoline by NWTPH-Gx				Batch ID: 30189		Analyst: KT
Gasoline	ND	5.41		mg/Kg-dry	1	10/28/2020 6:15:52 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	10/28/2020 6:15:52 PM
Surr: 4-Bromofluorobenzene	99.5	65 - 135		%Rec	1	10/28/2020 6:15:52 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30189		Analyst: KT
Vinyl chloride	ND	0.0216		mg/Kg-dry	1	10/28/2020 6:15:52 PM
1,1-Dichloroethene	ND	0.0216		mg/Kg-dry	1	10/28/2020 6:15:52 PM
trans-1,2-Dichloroethene	ND	0.0216		mg/Kg-dry	1	10/28/2020 6:15:52 PM
cis-1,2-Dichloroethene	ND	0.0216		mg/Kg-dry	1	10/28/2020 6:15:52 PM
Benzene	ND	0.0216		mg/Kg-dry	1	10/28/2020 6:15:52 PM
Trichloroethene (TCE)	ND	0.0216		mg/Kg-dry	1	10/28/2020 6:15:52 PM
Toluene	ND	0.0216		mg/Kg-dry	1	10/28/2020 6:15:52 PM
Tetrachloroethene (PCE)	ND	0.0216		mg/Kg-dry	1	10/28/2020 6:15:52 PM
Ethylbenzene	ND	0.0270		mg/Kg-dry	1	10/28/2020 6:15:52 PM
m,p-Xylene	ND	0.0541		mg/Kg-dry	1	10/28/2020 6:15:52 PM
o-Xylene	ND	0.0270		mg/Kg-dry	1	10/28/2020 6:15:52 PM
Surr: Dibromofluoromethane	98.0	85.2 - 113		%Rec	1	10/28/2020 6:15:52 PM
Surr: Toluene-d8	97.3	88.5 - 110		%Rec	1	10/28/2020 6:15:52 PM
Surr: 1-Bromo-4-fluorobenzene	98.0	88.6 - 109		%Rec	1	10/28/2020 6:15:52 PM
Sample Moisture (Percent Moisture)				Batch ID: R62839		Analyst: RL
Percent Moisture	16.6	0.500		wt%	1	10/26/2020 11:15:51 AM

Analytical Report

Work Order: **2010371**
Date Reported: **10/29/2020**

Client: Aspect Consulting
Collection Date: 10/22/2020 10:35:00 AM
Project: Maddux S
Lab ID: 2010371-005
Matrix: Soil
Client Sample ID: **SW-DUP-2-S**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30175		Analyst: IH
Diesel (Fuel Oil)	ND	20.8		mg/Kg-dry	1	10/27/2020 7:56:35 PM
Heavy Oil	ND	51.9		mg/Kg-dry	1	10/27/2020 7:56:35 PM
Surr: 2-Fluorobiphenyl	81.2	50 - 150		%Rec	1	10/27/2020 7:56:35 PM
Surr: o-Terphenyl	82.2	50 - 150		%Rec	1	10/27/2020 7:56:35 PM
Gasoline by NWTPH-Gx				Batch ID: 30189		Analyst: KT
Gasoline	ND	6.02		mg/Kg-dry	1	10/28/2020 6:46:08 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/28/2020 6:46:08 PM
Surr: 4-Bromofluorobenzene	98.8	65 - 135		%Rec	1	10/28/2020 6:46:08 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30189		Analyst: KT
Vinyl chloride	ND	0.0241		mg/Kg-dry	1	10/28/2020 6:46:08 PM
1,1-Dichloroethene	ND	0.0241		mg/Kg-dry	1	10/28/2020 6:46:08 PM
trans-1,2-Dichloroethene	ND	0.0241		mg/Kg-dry	1	10/28/2020 6:46:08 PM
cis-1,2-Dichloroethene	ND	0.0241		mg/Kg-dry	1	10/28/2020 6:46:08 PM
Benzene	ND	0.0241		mg/Kg-dry	1	10/28/2020 6:46:08 PM
Trichloroethene (TCE)	ND	0.0241		mg/Kg-dry	1	10/28/2020 6:46:08 PM
Toluene	ND	0.0241		mg/Kg-dry	1	10/28/2020 6:46:08 PM
Tetrachloroethene (PCE)	ND	0.0241		mg/Kg-dry	1	10/28/2020 6:46:08 PM
Ethylbenzene	ND	0.0301		mg/Kg-dry	1	10/28/2020 6:46:08 PM
m,p-Xylene	ND	0.0602		mg/Kg-dry	1	10/28/2020 6:46:08 PM
o-Xylene	ND	0.0301		mg/Kg-dry	1	10/28/2020 6:46:08 PM
Surr: Dibromofluoromethane	97.6	85.2 - 113		%Rec	1	10/28/2020 6:46:08 PM
Surr: Toluene-d8	98.6	88.5 - 110		%Rec	1	10/28/2020 6:46:08 PM
Surr: 1-Bromo-4-fluorobenzene	97.3	88.6 - 109		%Rec	1	10/28/2020 6:46:08 PM
Sample Moisture (Percent Moisture)				Batch ID: R62839		Analyst: RL
Percent Moisture	15.0	0.500		wt%	1	10/26/2020 11:15:51 AM

Client: Aspect Consulting
Collection Date: 10/21/2020 2:50:00 PM
Project: Maddux S
Lab ID: 2010371-006
Matrix: Soil
Client Sample ID: **SP-102120-S**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30175		Analyst: IH
Diesel (Fuel Oil)	ND	19.4		mg/Kg-dry	1	10/27/2020 8:26:21 PM
Heavy Oil	ND	48.5		mg/Kg-dry	1	10/27/2020 8:26:21 PM
Surr: 2-Fluorobiphenyl	87.9	50 - 150		%Rec	1	10/27/2020 8:26:21 PM
Surr: o-Terphenyl	88.0	50 - 150		%Rec	1	10/27/2020 8:26:21 PM
Gasoline by NWTPH-Gx				Batch ID: 30189		Analyst: KT
Gasoline	ND	5.51		mg/Kg-dry	1	10/28/2020 9:47:58 PM
Surr: Toluene-d8	99.0	65 - 135		%Rec	1	10/28/2020 9:47:58 PM
Surr: 4-Bromofluorobenzene	99.1	65 - 135		%Rec	1	10/28/2020 9:47:58 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30189		Analyst: KT
Vinyl chloride	ND	0.0220		mg/Kg-dry	1	10/28/2020 9:47:58 PM
1,1-Dichloroethene	ND	0.0220		mg/Kg-dry	1	10/28/2020 9:47:58 PM
trans-1,2-Dichloroethene	ND	0.0220		mg/Kg-dry	1	10/28/2020 9:47:58 PM
cis-1,2-Dichloroethene	ND	0.0220		mg/Kg-dry	1	10/28/2020 9:47:58 PM
Benzene	ND	0.0220		mg/Kg-dry	1	10/28/2020 9:47:58 PM
Trichloroethene (TCE)	ND	0.0220		mg/Kg-dry	1	10/28/2020 9:47:58 PM
Toluene	ND	0.0220		mg/Kg-dry	1	10/28/2020 9:47:58 PM
Tetrachloroethene (PCE)	ND	0.0220		mg/Kg-dry	1	10/28/2020 9:47:58 PM
Ethylbenzene	ND	0.0275		mg/Kg-dry	1	10/28/2020 9:47:58 PM
m,p-Xylene	ND	0.0551		mg/Kg-dry	1	10/28/2020 9:47:58 PM
o-Xylene	ND	0.0275		mg/Kg-dry	1	10/28/2020 9:47:58 PM
Surr: Dibromofluoromethane	98.6	85.2 - 113		%Rec	1	10/28/2020 9:47:58 PM
Surr: Toluene-d8	97.8	88.5 - 110		%Rec	1	10/28/2020 9:47:58 PM
Surr: 1-Bromo-4-fluorobenzene	97.6	88.6 - 109		%Rec	1	10/28/2020 9:47:58 PM
Sample Moisture (Percent Moisture)				Batch ID: R62874		Analyst: CJ
Percent Moisture	12.6	0.500		wt%	1	10/27/2020 10:27:36 AM

Work Order: 2010371
CLIENT: Aspect Consulting
Project: Maddux S

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-30175**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/27/2020**	RunNo: **62917**
Client ID: **MBLKS**	Batch ID: **30175**		Analysis Date: **10/27/2020**	SeqNo: **1262906**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	17.5		20.00		87.4	50	150				
Surr: o-Terphenyl	17.7		20.00		88.4	50	150				

Sample ID: **LCS-30175**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/27/2020**	RunNo: **62917**
Client ID: **LCSS**	Batch ID: **30175**		Analysis Date: **10/27/2020**	SeqNo: **1262907**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	466	20.0	500.0	0	93.2	65	135				
Surr: 2-Fluorobiphenyl	18.5		20.00		92.7	50	150				
Surr: o-Terphenyl	19.0		20.00		95.2	50	150				

Sample ID: **2010371-003AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **10/27/2020**	RunNo: **62917**
Client ID: **SW-P34-45-S**	Batch ID: **30175**		Analysis Date: **10/27/2020**	SeqNo: **1262911**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	505	20.2	503.8	0	100	65	135				
Surr: 2-Fluorobiphenyl	19.7		20.15		97.6	50	150				
Surr: o-Terphenyl	20.5		20.15		102	50	150				

Sample ID: **2010371-003AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **10/27/2020**	RunNo: **62917**
Client ID: **SW-P34-45-S**	Batch ID: **30175**		Analysis Date: **10/27/2020**	SeqNo: **1262912**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	495	20.4	510.0	0	97.1	65	135	504.7	1.90	30	
Surr: 2-Fluorobiphenyl	18.7		20.40		91.9	50	150		0		
Surr: o-Terphenyl	19.3		20.40		94.8	50	150		0		

Work Order: 2010371
CLIENT: Aspect Consulting
Project: Maddux S

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2010385-001ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/27/2020** RunNo: **62917**
Client ID: **BATCH** Batch ID: **30175** Analysis Date: **10/27/2020** SeqNo: **1262917**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	21.6						0		30	
Heavy Oil	ND	53.9						0		30	
Surr: 2-Fluorobiphenyl	17.5		21.56		81.0	50	150		0		
Surr: o-Terphenyl	17.8		21.56		82.7	50	150		0		

Work Order: 2010371
CLIENT: Aspect Consulting
Project: Maddux S

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-30189**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/28/2020**	RunNo: **62943**
Client ID: **LCSS**	Batch ID: **30189**		Analysis Date: **10/28/2020**	SeqNo: **1263378**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	26.8	5.00	25.00	0	107	65	135				
Surr: Toluene-d8	1.23		1.250		98.8	65	135				
Surr: 4-Bromofluorobenzene	1.30		1.250		104	65	135				

Sample ID: **MB-30189**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/28/2020**	RunNo: **62943**
Client ID: **MBLKS**	Batch ID: **30189**		Analysis Date: **10/28/2020**	SeqNo: **1263379**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.26		1.250		101	65	135				
Surr: 4-Bromofluorobenzene	1.24		1.250		98.9	65	135				

Sample ID: **2010350-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/28/2020**	RunNo: **62943**
Client ID: **BATCH**	Batch ID: **30189**		Analysis Date: **10/28/2020**	SeqNo: **1263361**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.70						0		30	
Surr: Toluene-d8	1.43		1.425		100	65	135		0		
Surr: 4-Bromofluorobenzene	1.41		1.425		99.2	65	135		0		

Sample ID: **2010371-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/28/2020**	RunNo: **62943**
Client ID: **SW-P30-45-S**	Batch ID: **30189**		Analysis Date: **10/28/2020**	SeqNo: **1263363**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.65						0		30	
Surr: Toluene-d8	1.17		1.162		100	65	135		0		
Surr: 4-Bromofluorobenzene	1.16		1.162		99.4	65	135		0		

Work Order: 2010371
CLIENT: Aspect Consulting
Project: Maddux S

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2010371-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/28/2020** RunNo: **62943**
Client ID: **SW-P32-45-S** Batch ID: **30189** Analysis Date: **10/28/2020** SeqNo: **1263365**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	28.1	4.74	23.68	5.280	96.4	65	135				
Surr: Toluene-d8	1.17		1.184		98.9	65	135				
Surr: 4-Bromofluorobenzene	1.22		1.184		103	65	135				

Work Order: 2010371
CLIENT: Aspect Consulting
Project: Maddux S

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30189** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/28/2020** RunNo: **62942**
Client ID: **LCSS** Batch ID: **30189** Analysis Date: **10/28/2020** SeqNo: **1263356**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.954	0.0200	1.000	0	95.4	66	131				
1,1-Dichloroethene	0.982	0.0200	1.000	0	98.2	63.4	139				
trans-1,2-Dichloroethene	0.973	0.0200	1.000	0	97.3	80.5	116				
cis-1,2-Dichloroethene	0.965	0.0200	1.000	0	96.5	81.8	114				
Benzene	0.971	0.0200	1.000	0	97.1	79.4	116				
Trichloroethene (TCE)	0.963	0.0200	1.000	0	96.3	80.8	117				
Toluene	0.959	0.0200	1.000	0	95.9	80.5	115				
Tetrachloroethene (PCE)	0.961	0.0200	1.000	0	96.1	81.8	116				
Ethylbenzene	0.984	0.0250	1.000	0	98.4	81.6	116				
m,p-Xylene	1.96	0.0500	2.000	0	98.2	83.2	115				
o-Xylene	0.981	0.0250	1.000	0	98.1	82.5	114				
Surr: Dibromofluoromethane	1.29		1.250		103	85.2	113				
Surr: Toluene-d8	1.25		1.250		99.9	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.34		1.250		107	88.6	109				

Sample ID: **MB-30189** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/28/2020** RunNo: **62942**
Client ID: **MBLKS** Batch ID: **30189** Analysis Date: **10/28/2020** SeqNo: **1263357**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2010371
CLIENT: Aspect Consulting
Project: Maddux S

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-30189**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/28/2020**	RunNo: **62942**
Client ID: **MBLKS**	Batch ID: **30189**		Analysis Date: **10/28/2020**	SeqNo: **1263357**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.20		1.250		96.3	85.2	113				
Surr: Toluene-d8	1.22		1.250		97.9	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.22		1.250		97.5	88.6	109				

Sample ID: **2010350-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/28/2020**	RunNo: **62942**
Client ID: **BATCH**	Batch ID: **30189**		Analysis Date: **10/28/2020**	SeqNo: **1263331**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0228						0		30	
1,1-Dichloroethene	ND	0.0228						0		30	
trans-1,2-Dichloroethene	ND	0.0228						0		30	
cis-1,2-Dichloroethene	ND	0.0228						0		30	
Benzene	ND	0.0228						0		30	
Trichloroethene (TCE)	ND	0.0228						0		30	
Toluene	ND	0.0228						0		30	
Tetrachloroethene (PCE)	ND	0.0228						0		30	
Ethylbenzene	ND	0.0285						0		30	
m,p-Xylene	ND	0.0570						0		30	
o-Xylene	ND	0.0285						0		30	
Surr: Dibromofluoromethane	1.37		1.425		96.4	85.2	113		0		
Surr: Toluene-d8	1.39		1.425		97.3	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.39		1.425		97.7	88.6	109		0		

Sample ID: **2010371-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/28/2020**	RunNo: **62942**
Client ID: **SW-P30-45-S**	Batch ID: **30189**		Analysis Date: **10/28/2020**	SeqNo: **1263340**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0186						0		30	
1,1-Dichloroethene	ND	0.0186						0		30	

Work Order: 2010371
CLIENT: Aspect Consulting
Project: Maddux S

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010371-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/28/2020** RunNo: **62942**
Client ID: **SW-P30-45-S** Batch ID: **30189** Analysis Date: **10/28/2020** SeqNo: **1263340**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0186						0		30	
cis-1,2-Dichloroethene	ND	0.0186						0		30	
Benzene	ND	0.0186						0		30	
Trichloroethene (TCE)	ND	0.0186						0		30	
Toluene	ND	0.0186						0		30	
Tetrachloroethene (PCE)	ND	0.0186						0		30	
Ethylbenzene	ND	0.0232						0		30	
m,p-Xylene	0.199	0.0465						0.1935	2.83	30	
o-Xylene	0.0623	0.0232						0.06240	0.138	30	
Surr: Dibromofluoromethane	1.12		1.162		96.7	85.2	113		0		
Surr: Toluene-d8	1.14		1.162		97.7	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.14		1.162		97.8	88.6	109		0		

Sample ID: **2010350-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/28/2020** RunNo: **62942**
Client ID: **BATCH** Batch ID: **30189** Analysis Date: **10/28/2020** SeqNo: **1263333**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.38	0.0312	1.558	0	88.6	52.8	150				
1,1-Dichloroethene	1.34	0.0312	1.558	0	85.8	62.9	149				
trans-1,2-Dichloroethene	1.49	0.0312	1.558	0	95.9	73.1	130				
cis-1,2-Dichloroethene	1.53	0.0312	1.558	0	98.4	77.5	125				
Benzene	1.57	0.0312	1.558	0	101	74.6	126				
Trichloroethene (TCE)	1.62	0.0312	1.558	0	104	72	133				
Toluene	1.50	0.0312	1.558	0	96.6	72.6	127				
Tetrachloroethene (PCE)	1.46	0.0312	1.558	0	93.9	72.7	128				
Ethylbenzene	1.56	0.0389	1.558	0	100	77.3	126				
m,p-Xylene	3.14	0.0779	3.116	0	101	78.5	126				
o-Xylene	1.56	0.0389	1.558	0	100	79.4	123				
Surr: Dibromofluoromethane	2.01		1.947		103	85.2	113				
Surr: Toluene-d8	1.93		1.947		99.2	88.5	110				

Work Order: 2010371
CLIENT: Aspect Consulting
Project: Maddux S

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010350-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/28/2020** RunNo: **62942**
Client ID: **BATCH** Batch ID: **30189** Analysis Date: **10/28/2020** SeqNo: **1263333**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	2.03		1.947		104	88.6	109				

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010371**
Logged by:	**Clare Griggs**	Date Received:	**10/22/2020 2:43:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No ☐	Not Present	☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No ☐	NA	☐
4.	Shipping container/cooler in good condition?	Yes	☑	No ☐		
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No ☐	Not Present	☑
6.	Was an attempt made to cool the samples?	Yes	☑	No ☐	NA	☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No ☐	NA	☐
8.	Sample(s) in proper container(s)?	Yes	☑	No ☐		
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No ☐		
10.	Are samples properly preserved?	Yes	☑	No ☐		
11.	Was preservative added to bottles?	Yes	☐	No ☑	NA	☐
12.	Is there headspace in the VOA vials?	Yes	☐	No ☐	NA	☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No ☐		
14.	Does paperwork match bottle labels?	Yes	☑	No ☐		
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No ☐		
16.	Is it clear what analyses were requested?	Yes	☑	No ☐		
17.	Were all holding times able to be met?	Yes	☑	No ☐		

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No ☐	NA	☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	6.0

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/22/20 Page: 1 of: 1

Laboratory Project No (internal): 2010371

Project Name: Muddux S

Special Remarks:

Client: Aspect Consulting

Project No: 160324

Address: 710 2nd Ave, Ste 550

Collected by: RAC

City, State, Zip: Seattle, WA 98104

Location: Muddux S

Telephone:

Report To (PM): Andrew Yankofski

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: ayankofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs			Comments
1	SW-P30-45-S	10/22/20	0831	S			X	X		X							X				
2	SW-P32-45-S		0845				X	X		X							X				
3	SW-P34-45-S		1025				X	X		X							X				
4	SW-P36-45-S		1030				X	X		X							X				
5	SW-DUP-2-S		1035				X	X		X							X				
6	SP-10212C-S	10/21/20	1450				X	X		X							X				
7																					
8																					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	1427 10/22/2020	x [signature]	10/22/20 1443
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux South
Work Order Number: 2010405

October 27, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 7 sample(s) on 10/23/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

Date: *10/27/2020*

CLIENT: Aspect Consulting
Project: Maddux South
Work Order: 2010405

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010405-001	B-P30-P20.5-45.5-S	10/23/2020 11:30 AM	10/23/2020 2:51 PM
2010405-002	B-P28-P19-45.5-S	10/23/2020 11:35 AM	10/23/2020 2:51 PM
2010405-003	B-P28-P20.5-46-S	10/23/2020 11:40 AM	10/23/2020 2:51 PM
2010405-004	B-P30-P19-45-S	10/23/2020 11:50 AM	10/23/2020 2:51 PM
2010405-005	B-P43-P28-54-S	10/23/2020 1:20 PM	10/23/2020 2:51 PM
2010405-006	B-P45-P28-54-S	10/23/2020 1:50 PM	10/23/2020 2:51 PM
2010405-007	B-P43-P32-42-S	10/23/2020 2:00 PM	10/23/2020 2:51 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2010405**
Date: **10/27/2020**

CLIENT: Aspect Consulting
Project: Maddux South

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010405**
Date Reported: **10/27/2020**

Client: Aspect Consulting
Collection Date: 10/23/2020 11:30:00 AM
Project: Maddux South
Lab ID: 2010405-001
Matrix: Soil
Client Sample ID: **B-P30-P20.5-45.5-S**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30146		Analyst: IH
Diesel (Fuel Oil)	ND	22.5		mg/Kg-dry	1	10/24/2020 4:17:46 PM
Heavy Oil	ND	56.2		mg/Kg-dry	1	10/24/2020 4:17:46 PM
Surr: 2-Fluorobiphenyl	106	50 - 150		%Rec	1	10/24/2020 4:17:46 PM
Surr: o-Terphenyl	87.5	50 - 150		%Rec	1	10/24/2020 4:17:46 PM
Gasoline by NWTPH-Gx				Batch ID: 30152		Analyst: KT
Gasoline	ND	4.65		mg/Kg-dry	1	10/24/2020 8:18:02 AM
Surr: Toluene-d8	99.3	65 - 135		%Rec	1	10/24/2020 8:18:02 AM
Surr: 4-Bromofluorobenzene	98.1	65 - 135		%Rec	1	10/24/2020 8:18:02 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30152		Analyst: KT
Vinyl chloride	ND	0.0186		mg/Kg-dry	1	10/24/2020 8:18:02 AM
1,1-Dichloroethene	ND	0.0186		mg/Kg-dry	1	10/24/2020 8:18:02 AM
trans-1,2-Dichloroethene	ND	0.0186		mg/Kg-dry	1	10/24/2020 8:18:02 AM
cis-1,2-Dichloroethene	0.0191	0.0186		mg/Kg-dry	1	10/24/2020 8:18:02 AM
Benzene	ND	0.0186		mg/Kg-dry	1	10/24/2020 8:18:02 AM
Trichloroethene (TCE)	0.0495	0.0186		mg/Kg-dry	1	10/24/2020 8:18:02 AM
Toluene	ND	0.0186		mg/Kg-dry	1	10/24/2020 8:18:02 AM
Tetrachloroethene (PCE)	0.133	0.0186		mg/Kg-dry	1	10/24/2020 8:18:02 AM
Ethylbenzene	ND	0.0232		mg/Kg-dry	1	10/24/2020 8:18:02 AM
m,p-Xylene	ND	0.0465		mg/Kg-dry	1	10/24/2020 8:18:02 AM
o-Xylene	ND	0.0232		mg/Kg-dry	1	10/24/2020 8:18:02 AM
Surr: Dibromofluoromethane	96.0	85.2 - 113		%Rec	1	10/24/2020 8:18:02 AM
Surr: Toluene-d8	97.2	88.5 - 110		%Rec	1	10/24/2020 8:18:02 AM
Surr: 1-Bromo-4-fluorobenzene	96.6	88.6 - 109		%Rec	1	10/24/2020 8:18:02 AM
Sample Moisture (Percent Moisture)				Batch ID: R62811		Analyst: LB
Percent Moisture	18.6	0.500		wt%	1	10/23/2020 3:16:38 PM

Analytical Report

Work Order: **2010405**
Date Reported: **10/27/2020**

Client: Aspect Consulting
Collection Date: 10/23/2020 11:35:00 AM
Project: Maddux South
Lab ID: 2010405-002
Matrix: Soil
Client Sample ID: **B-P28-P19-45.5-S**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30146		Analyst: IH
Diesel (Fuel Oil)	ND	21.3		mg/Kg-dry	1	10/24/2020 4:47:27 PM
Heavy Oil	ND	53.2		mg/Kg-dry	1	10/24/2020 4:47:27 PM
Surr: 2-Fluorobiphenyl	105	50 - 150		%Rec	1	10/24/2020 4:47:27 PM
Surr: o-Terphenyl	87.5	50 - 150		%Rec	1	10/24/2020 4:47:27 PM
Gasoline by NWTPH-Gx				Batch ID: 30152		Analyst: KT
Gasoline	ND	4.94		mg/Kg-dry	1	10/24/2020 8:48:09 AM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/24/2020 8:48:09 AM
Surr: 4-Bromofluorobenzene	99.3	65 - 135		%Rec	1	10/24/2020 8:48:09 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30152		Analyst: KT
Vinyl chloride	ND	0.0197		mg/Kg-dry	1	10/24/2020 8:48:09 AM
1,1-Dichloroethene	ND	0.0197		mg/Kg-dry	1	10/24/2020 8:48:09 AM
trans-1,2-Dichloroethene	ND	0.0197		mg/Kg-dry	1	10/24/2020 8:48:09 AM
cis-1,2-Dichloroethene	0.0342	0.0197		mg/Kg-dry	1	10/24/2020 8:48:09 AM
Benzene	ND	0.0197		mg/Kg-dry	1	10/24/2020 8:48:09 AM
Trichloroethene (TCE)	ND	0.0197		mg/Kg-dry	1	10/24/2020 8:48:09 AM
Toluene	ND	0.0197		mg/Kg-dry	1	10/24/2020 8:48:09 AM
Tetrachloroethene (PCE)	ND	0.0197		mg/Kg-dry	1	10/24/2020 8:48:09 AM
Ethylbenzene	ND	0.0247		mg/Kg-dry	1	10/24/2020 8:48:09 AM
m,p-Xylene	ND	0.0494		mg/Kg-dry	1	10/24/2020 8:48:09 AM
o-Xylene	ND	0.0247		mg/Kg-dry	1	10/24/2020 8:48:09 AM
Surr: Dibromofluoromethane	96.3	85.2 - 113		%Rec	1	10/24/2020 8:48:09 AM
Surr: Toluene-d8	97.1	88.5 - 110		%Rec	1	10/24/2020 8:48:09 AM
Surr: 1-Bromo-4-fluorobenzene	97.8	88.6 - 109		%Rec	1	10/24/2020 8:48:09 AM
Sample Moisture (Percent Moisture)				Batch ID: R62811		Analyst: LB
Percent Moisture	18.1	0.500		wt%	1	10/23/2020 3:16:38 PM

Analytical Report

Work Order: **2010405**
Date Reported: **10/27/2020**

Client: Aspect Consulting
Collection Date: 10/23/2020 11:40:00 AM
Project: Maddux South
Lab ID: 2010405-003
Matrix: Soil
Client Sample ID: **B-P28-P20.5-46-S**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30146		Analyst: IH
Diesel (Fuel Oil)	ND	19.6		mg/Kg-dry	1	10/24/2020 5:17:04 PM
Heavy Oil	ND	48.9		mg/Kg-dry	1	10/24/2020 5:17:04 PM
Surr: 2-Fluorobiphenyl	99.8	50 - 150		%Rec	1	10/24/2020 5:17:04 PM
Surr: o-Terphenyl	82.4	50 - 150		%Rec	1	10/24/2020 5:17:04 PM
Gasoline by NWTPH-Gx				Batch ID: 30152		Analyst: KT
Gasoline	ND	4.97		mg/Kg-dry	1	10/24/2020 9:18:16 AM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/24/2020 9:18:16 AM
Surr: 4-Bromofluorobenzene	98.4	65 - 135		%Rec	1	10/24/2020 9:18:16 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30152		Analyst: KT
Vinyl chloride	ND	0.0199		mg/Kg-dry	1	10/24/2020 9:18:16 AM
1,1-Dichloroethene	ND	0.0199		mg/Kg-dry	1	10/24/2020 9:18:16 AM
trans-1,2-Dichloroethene	ND	0.0199		mg/Kg-dry	1	10/24/2020 9:18:16 AM
cis-1,2-Dichloroethene	ND	0.0199		mg/Kg-dry	1	10/24/2020 9:18:16 AM
Benzene	ND	0.0199		mg/Kg-dry	1	10/24/2020 9:18:16 AM
Trichloroethene (TCE)	ND	0.0199		mg/Kg-dry	1	10/24/2020 9:18:16 AM
Toluene	ND	0.0199		mg/Kg-dry	1	10/24/2020 9:18:16 AM
Tetrachloroethene (PCE)	ND	0.0199		mg/Kg-dry	1	10/24/2020 9:18:16 AM
Ethylbenzene	ND	0.0248		mg/Kg-dry	1	10/24/2020 9:18:16 AM
m,p-Xylene	ND	0.0497		mg/Kg-dry	1	10/24/2020 9:18:16 AM
o-Xylene	ND	0.0248		mg/Kg-dry	1	10/24/2020 9:18:16 AM
Surr: Dibromofluoromethane	95.9	85.2 - 113		%Rec	1	10/24/2020 9:18:16 AM
Surr: Toluene-d8	97.9	88.5 - 110		%Rec	1	10/24/2020 9:18:16 AM
Surr: 1-Bromo-4-fluorobenzene	97.0	88.6 - 109		%Rec	1	10/24/2020 9:18:16 AM
Sample Moisture (Percent Moisture)				Batch ID: R62811		Analyst: LB
Percent Moisture	12.8	0.500		wt%	1	10/23/2020 3:16:38 PM

Analytical Report

Work Order: **2010405**
Date Reported: **10/27/2020**

Client: Aspect Consulting
Collection Date: 10/23/2020 11:50:00 AM
Project: Maddux South
Lab ID: 2010405-004
Matrix: Soil
Client Sample ID: **B-P30-P19-45-S**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30146		Analyst: IH
Diesel (Fuel Oil)	ND	22.9		mg/Kg-dry	1	10/24/2020 7:15:19 PM
Heavy Oil	ND	57.3		mg/Kg-dry	1	10/24/2020 7:15:19 PM
Surr: 2-Fluorobiphenyl	111	50 - 150		%Rec	1	10/24/2020 7:15:19 PM
Surr: o-Terphenyl	92.9	50 - 150		%Rec	1	10/24/2020 7:15:19 PM
Gasoline by NWTPH-Gx				Batch ID: 30152		Analyst: KT
Gasoline	ND	5.66		mg/Kg-dry	1	10/24/2020 3:16:07 AM
Surr: Toluene-d8	98.7	65 - 135		%Rec	1	10/24/2020 3:16:07 AM
Surr: 4-Bromofluorobenzene	101	65 - 135		%Rec	1	10/24/2020 3:16:07 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30152		Analyst: KT
Vinyl chloride	ND	0.0226		mg/Kg-dry	1	10/24/2020 3:16:07 AM
1,1-Dichloroethene	ND	0.0226		mg/Kg-dry	1	10/24/2020 3:16:07 AM
trans-1,2-Dichloroethene	ND	0.0226		mg/Kg-dry	1	10/24/2020 3:16:07 AM
cis-1,2-Dichloroethene	ND	0.0226		mg/Kg-dry	1	10/24/2020 3:16:07 AM
Benzene	ND	0.0226		mg/Kg-dry	1	10/24/2020 3:16:07 AM
Trichloroethene (TCE)	ND	0.0226		mg/Kg-dry	1	10/24/2020 3:16:07 AM
Toluene	ND	0.0226		mg/Kg-dry	1	10/24/2020 3:16:07 AM
Tetrachloroethene (PCE)	0.281	0.0226		mg/Kg-dry	1	10/24/2020 3:16:07 AM
Ethylbenzene	ND	0.0283		mg/Kg-dry	1	10/24/2020 3:16:07 AM
m,p-Xylene	ND	0.0566		mg/Kg-dry	1	10/24/2020 3:16:07 AM
o-Xylene	ND	0.0283		mg/Kg-dry	1	10/24/2020 3:16:07 AM
Surr: Dibromofluoromethane	96.2	85.2 - 113		%Rec	1	10/24/2020 3:16:07 AM
Surr: Toluene-d8	97.2	88.5 - 110		%Rec	1	10/24/2020 3:16:07 AM
Surr: 1-Bromo-4-fluorobenzene	99.0	88.6 - 109		%Rec	1	10/24/2020 3:16:07 AM
Sample Moisture (Percent Moisture)				Batch ID: R62811		Analyst: LB
Percent Moisture	17.7	0.500		wt%	1	10/23/2020 3:16:38 PM

Analytical Report

Work Order: **2010405**
Date Reported: **10/27/2020**

Client: Aspect Consulting
Collection Date: 10/23/2020 1:20:00 PM
Project: Maddux South
Lab ID: 2010405-005
Matrix: Soil
Client Sample ID: **B-P43-P28-54-S**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30146		Analyst: IH
Diesel (Fuel Oil)	ND	21.3		mg/Kg-dry	1	10/24/2020 7:44:53 PM
Heavy Oil	431	53.1		mg/Kg-dry	1	10/26/2020 1:58:20 PM
Surr: 2-Fluorobiphenyl	125	50 - 150		%Rec	1	10/24/2020 7:44:53 PM
Surr: o-Terphenyl	103	50 - 150		%Rec	1	10/24/2020 7:44:53 PM
Gasoline by NWTPH-Gx				Batch ID: 30152		Analyst: KT
Gasoline	ND	4.54		mg/Kg-dry	1	10/24/2020 9:48:21 AM
Surr: Toluene-d8	99.7	65 - 135		%Rec	1	10/24/2020 9:48:21 AM
Surr: 4-Bromofluorobenzene	98.7	65 - 135		%Rec	1	10/24/2020 9:48:21 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30152		Analyst: KT
Vinyl chloride	ND	0.0182		mg/Kg-dry	1	10/24/2020 9:48:21 AM
1,1-Dichloroethene	ND	0.0182		mg/Kg-dry	1	10/24/2020 9:48:21 AM
trans-1,2-Dichloroethene	ND	0.0182		mg/Kg-dry	1	10/24/2020 9:48:21 AM
cis-1,2-Dichloroethene	ND	0.0182		mg/Kg-dry	1	10/24/2020 9:48:21 AM
Benzene	ND	0.0182		mg/Kg-dry	1	10/24/2020 9:48:21 AM
Trichloroethene (TCE)	ND	0.0182		mg/Kg-dry	1	10/24/2020 9:48:21 AM
Toluene	ND	0.0182		mg/Kg-dry	1	10/24/2020 9:48:21 AM
Tetrachloroethene (PCE)	0.0492	0.0182		mg/Kg-dry	1	10/24/2020 9:48:21 AM
Ethylbenzene	ND	0.0227		mg/Kg-dry	1	10/24/2020 9:48:21 AM
m,p-Xylene	ND	0.0454		mg/Kg-dry	1	10/24/2020 9:48:21 AM
o-Xylene	ND	0.0227		mg/Kg-dry	1	10/24/2020 9:48:21 AM
Surr: Dibromofluoromethane	97.1	85.2 - 113		%Rec	1	10/24/2020 9:48:21 AM
Surr: Toluene-d8	98.1	88.5 - 110		%Rec	1	10/24/2020 9:48:21 AM
Surr: 1-Bromo-4-fluorobenzene	97.3	88.6 - 109		%Rec	1	10/24/2020 9:48:21 AM
Sample Moisture (Percent Moisture)				Batch ID: R62811		Analyst: LB
Percent Moisture	15.6	0.500		wt%	1	10/23/2020 3:16:38 PM

Analytical Report

Work Order: **2010405**
Date Reported: **10/27/2020**

Client: Aspect Consulting
Collection Date: 10/23/2020 1:50:00 PM
Project: Maddux South
Lab ID: 2010405-006
Matrix: Soil
Client Sample ID: **B-P45-P28-54-S**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30146		Analyst: IH
Diesel (Fuel Oil)	ND	20.2		mg/Kg-dry	1	10/24/2020 8:14:26 PM
Heavy Oil	1,250	50.5		mg/Kg-dry	1	10/26/2020 2:27:59 PM
Surr: 2-Fluorobiphenyl	108	50 - 150		%Rec	1	10/24/2020 8:14:26 PM
Surr: o-Terphenyl	90.9	50 - 150		%Rec	1	10/24/2020 8:14:26 PM
Gasoline by NWTPH-Gx				Batch ID: 30152		Analyst: KT
Gasoline	ND	4.81		mg/Kg-dry	1	10/24/2020 10:18:32 AM
Surr: Toluene-d8	99.8	65 - 135		%Rec	1	10/24/2020 10:18:32 AM
Surr: 4-Bromofluorobenzene	99.7	65 - 135		%Rec	1	10/24/2020 10:18:32 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30152		Analyst: KT
Vinyl chloride	ND	0.0192		mg/Kg-dry	1	10/24/2020 10:18:32 AM
1,1-Dichloroethene	ND	0.0192		mg/Kg-dry	1	10/24/2020 10:18:32 AM
trans-1,2-Dichloroethene	ND	0.0192		mg/Kg-dry	1	10/24/2020 10:18:32 AM
cis-1,2-Dichloroethene	ND	0.0192		mg/Kg-dry	1	10/24/2020 10:18:32 AM
Benzene	ND	0.0192		mg/Kg-dry	1	10/24/2020 10:18:32 AM
Trichloroethene (TCE)	ND	0.0192		mg/Kg-dry	1	10/24/2020 10:18:32 AM
Toluene	ND	0.0192		mg/Kg-dry	1	10/24/2020 10:18:32 AM
Tetrachloroethene (PCE)	0.0686	0.0192		mg/Kg-dry	1	10/24/2020 10:18:32 AM
Ethylbenzene	ND	0.0241		mg/Kg-dry	1	10/24/2020 10:18:32 AM
m,p-Xylene	ND	0.0481		mg/Kg-dry	1	10/24/2020 10:18:32 AM
o-Xylene	ND	0.0241		mg/Kg-dry	1	10/24/2020 10:18:32 AM
Surr: Dibromofluoromethane	96.5	85.2 - 113		%Rec	1	10/24/2020 10:18:32 AM
Surr: Toluene-d8	97.8	88.5 - 110		%Rec	1	10/24/2020 10:18:32 AM
Surr: 1-Bromo-4-fluorobenzene	98.2	88.6 - 109		%Rec	1	10/24/2020 10:18:32 AM
Sample Moisture (Percent Moisture)				Batch ID: R62811		Analyst: LB
Percent Moisture	14.5	0.500		wt%	1	10/23/2020 3:16:38 PM

Analytical Report

Work Order: **2010405**
Date Reported: **10/27/2020**

Client: Aspect Consulting
Collection Date: 10/23/2020 2:00:00 PM
Project: Maddux South
Lab ID: 2010405-007
Matrix: Soil
Client Sample ID: **B-P43-P32-42-S**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30146		Analyst: IH
Diesel (Fuel Oil)	ND	22.7		mg/Kg-dry	1	10/24/2020 8:44:02 PM
Heavy Oil	ND	56.7		mg/Kg-dry	1	10/27/2020 12:00:17 PM
Surr: 2-Fluorobiphenyl	98.0	50 - 150		%Rec	1	10/24/2020 8:44:02 PM
Surr: o-Terphenyl	84.2	50 - 150		%Rec	1	10/24/2020 8:44:02 PM
Gasoline by NWTPH-Gx				Batch ID: 30152		Analyst: KT
Gasoline	ND	6.04		mg/Kg-dry	1	10/24/2020 10:48:43 AM
Surr: Toluene-d8	99.1	65 - 135		%Rec	1	10/24/2020 10:48:43 AM
Surr: 4-Bromofluorobenzene	98.9	65 - 135		%Rec	1	10/24/2020 10:48:43 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30152		Analyst: KT
Vinyl chloride	ND	0.0242		mg/Kg-dry	1	10/24/2020 10:48:43 AM
1,1-Dichloroethene	ND	0.0242		mg/Kg-dry	1	10/24/2020 10:48:43 AM
trans-1,2-Dichloroethene	ND	0.0242		mg/Kg-dry	1	10/24/2020 10:48:43 AM
cis-1,2-Dichloroethene	ND	0.0242		mg/Kg-dry	1	10/24/2020 10:48:43 AM
Benzene	ND	0.0242		mg/Kg-dry	1	10/24/2020 10:48:43 AM
Trichloroethene (TCE)	ND	0.0242		mg/Kg-dry	1	10/24/2020 10:48:43 AM
Toluene	ND	0.0242		mg/Kg-dry	1	10/24/2020 10:48:43 AM
Tetrachloroethene (PCE)	ND	0.0242		mg/Kg-dry	1	10/24/2020 10:48:43 AM
Ethylbenzene	ND	0.0302		mg/Kg-dry	1	10/24/2020 10:48:43 AM
m,p-Xylene	ND	0.0604		mg/Kg-dry	1	10/24/2020 10:48:43 AM
o-Xylene	ND	0.0302		mg/Kg-dry	1	10/24/2020 10:48:43 AM
Surr: Dibromofluoromethane	96.4	85.2 - 113		%Rec	1	10/24/2020 10:48:43 AM
Surr: Toluene-d8	97.6	88.5 - 110		%Rec	1	10/24/2020 10:48:43 AM
Surr: 1-Bromo-4-fluorobenzene	97.5	88.6 - 109		%Rec	1	10/24/2020 10:48:43 AM
Sample Moisture (Percent Moisture)				Batch ID: R62811		Analyst: LB
Percent Moisture	18.9	0.500		wt%	1	10/23/2020 3:16:38 PM

Work Order: 2010405
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-30146**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/23/2020**	RunNo: **62834**
Client ID: **MBLKS**	Batch ID: **30146**		Analysis Date: **10/24/2020**	SeqNo: **1261178**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	18.6		20.00		92.8	50	150				
Surr: o-Terphenyl	15.1		20.00		75.4	50	150				

Sample ID: **LCS-30146**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/23/2020**	RunNo: **62834**
Client ID: **LCSS**	Batch ID: **30146**		Analysis Date: **10/24/2020**	SeqNo: **1261179**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	443	20.0	500.0	0	88.5	65	135				
Surr: 2-Fluorobiphenyl	18.8		20.00		94.0	50	150				
Surr: o-Terphenyl	17.8		20.00		88.9	50	150				

Sample ID: **2010387-001AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **10/23/2020**	RunNo: **62834**
Client ID: **BATCH**	Batch ID: **30146**		Analysis Date: **10/24/2020**	SeqNo: **1261185**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	472	20.7	517.1	0	91.3	65	135				
Surr: 2-Fluorobiphenyl	19.7		20.68		95.2	50	150				
Surr: o-Terphenyl	18.7		20.68		90.3	50	150				

Sample ID: **2010387-001AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **10/23/2020**	RunNo: **62834**
Client ID: **BATCH**	Batch ID: **30146**		Analysis Date: **10/24/2020**	SeqNo: **1261186**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	410	18.4	460.3	0	89.0	65	135	472.0	14.2	30	
Surr: 2-Fluorobiphenyl	17.7		18.41		96.3	50	150		0		
Surr: o-Terphenyl	16.6		18.41		90.4	50	150		0		

Work Order: 2010405
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-30152**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/23/2020**	RunNo: **62832**
Client ID: **LCSS**	Batch ID: **30152**		Analysis Date: **10/23/2020**	SeqNo: **1261106**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	26.9	5.00	25.00	0	108	65	135				
Surr: Toluene-d8	1.23		1.250		98.6	65	135				
Surr: 4-Bromofluorobenzene	1.29		1.250		103	65	135				

Sample ID: **MB-30152**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/23/2020**	RunNo: **62832**
Client ID: **MBLKS**	Batch ID: **30152**		Analysis Date: **10/23/2020**	SeqNo: **1261107**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.26		1.250		101	65	135				
Surr: 4-Bromofluorobenzene	1.23		1.250		98.5	65	135				

Sample ID: **2010304-006BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/23/2020**	RunNo: **62832**
Client ID: **BATCH**	Batch ID: **30152**		Analysis Date: **10/24/2020**	SeqNo: **1261086**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.67						0		30	
Surr: Toluene-d8	1.18		1.167		101	65	135		0		
Surr: 4-Bromofluorobenzene	1.14		1.167		97.8	65	135		0		

Sample ID: **2010387-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/23/2020**	RunNo: **62832**
Client ID: **BATCH**	Batch ID: **30152**		Analysis Date: **10/24/2020**	SeqNo: **1261091**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	20.1	5.00						19.35	3.75	30	
Surr: Toluene-d8	1.24		1.249		99.4	65	135		0		
Surr: 4-Bromofluorobenzene	1.25		1.249		100	65	135		0		

Work Order: 2010405
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2010304-008BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/23/2020** RunNo: **62832**
Client ID: **BATCH** Batch ID: **30152** Analysis Date: **10/24/2020** SeqNo: **1261089**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	23.5	4.73	23.63	0	99.5	65	135				
Surr: Toluene-d8	1.17		1.182		99.4	65	135				
Surr: 4-Bromofluorobenzene	1.19		1.182		101	65	135				

Sample ID: **2010304-008BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/23/2020** RunNo: **62832**
Client ID: **BATCH** Batch ID: **30152** Analysis Date: **10/24/2020** SeqNo: **1261090**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	22.3	4.73	23.63	0	94.3	65	135	23.51	5.37	30	
Surr: Toluene-d8	1.18		1.182		100	65	135		0		
Surr: 4-Bromofluorobenzene	1.19		1.182		101	65	135		0		

Work Order: 2010405
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30152** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **LCSS** Batch ID: **30152** Analysis Date: **10/23/2020** SeqNo: **1261038**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.08	0.0200	1.000	0	108	66	131				
1,1-Dichloroethene	1.04	0.0200	1.000	0	104	63.4	139				
trans-1,2-Dichloroethene	1.02	0.0200	1.000	0	102	80.5	116				
cis-1,2-Dichloroethene	1.02	0.0200	1.000	0	102	81.8	114				
Benzene	1.03	0.0200	1.000	0	103	79.4	116				
Trichloroethene (TCE)	1.01	0.0200	1.000	0	101	80.8	117				
Toluene	1.02	0.0200	1.000	0	102	80.5	115				
Tetrachloroethene (PCE)	1.01	0.0200	1.000	0	101	81.8	116				
Ethylbenzene	1.04	0.0250	1.000	0	104	81.6	116				
m,p-Xylene	2.08	0.0500	2.000	0	104	83.2	115				
o-Xylene	1.04	0.0250	1.000	0	104	82.5	114				
Surr: Dibromofluoromethane	1.29		1.250		103	85.2	113				
Surr: Toluene-d8	1.25		1.250		99.9	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.30		1.250		104	88.6	109				

Sample ID: **MB-30152** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **MBLKS** Batch ID: **30152** Analysis Date: **10/23/2020** SeqNo: **1261039**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2010405
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-30152** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **MBLKS** Batch ID: **30152** Analysis Date: **10/23/2020** SeqNo: **1261039**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.19		1.250		95.3	85.2	113				
Surr: Toluene-d8	1.20		1.250		96.0	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.21		1.250		97.1	88.6	109				

Sample ID: **2010304-006BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **BATCH** Batch ID: **30152** Analysis Date: **10/24/2020** SeqNo: **1261019**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0187						0		30	
1,1-Dichloroethene	ND	0.0187						0		30	
trans-1,2-Dichloroethene	ND	0.0187						0		30	
cis-1,2-Dichloroethene	ND	0.0187						0		30	
Benzene	ND	0.0187						0		30	
Trichloroethene (TCE)	ND	0.0187						0		30	
Toluene	ND	0.0187						0		30	
Tetrachloroethene (PCE)	ND	0.0187						0		30	
Ethylbenzene	ND	0.0233						0		30	
m,p-Xylene	ND	0.0467						0		30	
o-Xylene	ND	0.0233						0		30	
Surr: Dibromofluoromethane	1.13		1.167		96.9	85.2	113		0		
Surr: Toluene-d8	1.12		1.167		95.9	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.12		1.167		96.4	88.6	109		0		

Sample ID: **2010387-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **BATCH** Batch ID: **30152** Analysis Date: **10/24/2020** SeqNo: **1261020**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200						0		30	
1,1-Dichloroethene	ND	0.0200						0		30	

Work Order: 2010405
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010387-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **BATCH** Batch ID: **30152** Analysis Date: **10/24/2020** SeqNo: **1261020**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0200						0		30	
cis-1,2-Dichloroethene	ND	0.0200						0		30	
Benzene	ND	0.0200						0		30	
Trichloroethene (TCE)	ND	0.0200						0		30	
Toluene	ND	0.0200						0		30	
Tetrachloroethene (PCE)	ND	0.0200						0		30	
Ethylbenzene	ND	0.0250						0		30	
m,p-Xylene	ND	0.0500						0		30	
o-Xylene	ND	0.0250						0		30	
Surr: Dibromofluoromethane	1.20		1.249		96.2	85.2	113		0		
Surr: Toluene-d8	1.20		1.249		96.1	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.24		1.249		98.9	88.6	109		0		

Sample ID: **2010405-004BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **B-P30-P19-45-S** Batch ID: **30152** Analysis Date: **10/24/2020** SeqNo: **1261028**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.919	0.0226	1.132	0	81.2	52.8	150				
1,1-Dichloroethene	0.970	0.0226	1.132	0	85.7	62.9	149				
trans-1,2-Dichloroethene	1.03	0.0226	1.132	0	91.3	73.1	130				
cis-1,2-Dichloroethene	1.07	0.0226	1.132	0.01345	93.6	77.5	125				
Benzene	1.08	0.0226	1.132	0	95.9	74.6	126				
Trichloroethene (TCE)	1.05	0.0226	1.132	0.01576	91.7	72	133				
Toluene	1.06	0.0226	1.132	0	93.5	72.6	127				
Tetrachloroethene (PCE)	1.28	0.0226	1.132	0.2811	87.9	72.7	128				
Ethylbenzene	1.09	0.0283	1.132	0	96.4	77.3	126				
m,p-Xylene	2.17	0.0566	2.263	0	96.0	78.5	126				
o-Xylene	1.08	0.0283	1.132	0	95.8	79.4	123				
Surr: Dibromofluoromethane	1.43		1.414		101	85.2	113				
Surr: Toluene-d8	1.39		1.414		98.2	88.5	110				

Work Order: 2010405
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010405-004BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **B-P30-P19-45-S** Batch ID: **30152** Analysis Date: **10/24/2020** SeqNo: **1261028**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	1.46		1.414		103	88.6	109				

Sample ID: **2010405-004BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/23/2020** RunNo: **62828**
Client ID: **B-P30-P19-45-S** Batch ID: **30152** Analysis Date: **10/24/2020** SeqNo: **1261029**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.973	0.0226	1.132	0	86.0	52.8	150	0.9190	5.74	30	
1,1-Dichloroethene	1.02	0.0226	1.132	0	90.4	62.9	149	0.9697	5.38	30	
trans-1,2-Dichloroethene	1.10	0.0226	1.132	0	96.9	73.1	130	1.033	5.92	30	
cis-1,2-Dichloroethene	1.12	0.0226	1.132	0.01345	97.5	77.5	125	1.072	4.04	30	
Benzene	1.11	0.0226	1.132	0	98.5	74.6	126	1.085	2.72	30	
Trichloroethene (TCE)	1.10	0.0226	1.132	0.01576	95.7	72	133	1.054	4.19	30	
Toluene	1.09	0.0226	1.132	0	96.2	72.6	127	1.058	2.88	30	
Tetrachloroethene (PCE)	1.34	0.0226	1.132	0.2811	93.3	72.7	128	1.275	4.74	30	
Ethylbenzene	1.13	0.0283	1.132	0	100	77.3	126	1.091	3.82	30	
m,p-Xylene	2.26	0.0566	2.263	0	100	78.5	126	2.172	4.13	30	
o-Xylene	1.12	0.0283	1.132	0	99.4	79.4	123	1.084	3.66	30	
Surr: Dibromofluoromethane	1.45		1.414		103	85.2	113		0		
Surr: Toluene-d8	1.38		1.414		97.7	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.45		1.414		102	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010405**
Logged by:	**Clare Griggs**	Date Received:	**10/23/2020 2:51:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample	3.9

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/23/20 Page: 1 of: 1
Laboratory Project No (internal): 2010405
Project Name: Maddux South
Special Remarks: By 3PM 10/26/20
Client: Aspect Consulting
Project No: 160324
Address: 710 2nd Ave Suite 550
Collected by: Kristin Beck
City, State, Zip: Seattle, WA 98104
Location: Seattle, WA
Telephone:
Report To (PM): Andrew Yonkofski
Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)
Fax:
PM Email: ayonkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs				Comments
1	B-P30-P20.5-45.5-S	10/23/20	1130	S			X	X		X							X					
2	B-P28-P19-45.5-S		1135				X	X		X							X					
3	B-P28-P20.5-46-S		1140				X	X		X							X					
4	B-P30-P19-45-S		1150				X	X		X							X					
5	B-P43-P28-54-S		1320				X	X		X							X					
6	B-P45-P28-54-S		1350				X	X		X							X					
7	B-P43-P32-42-S		1400				X	X		X							X					
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	10/23/20 1450	x	10/23/20 1451
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:
☐ Standard
☐ 3 Day
☐ 2 Day
☒ Next Day 24Hr.
Same Day (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
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info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux S
Work Order Number: 2010413

October 27, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 6 sample(s) on 10/26/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/27/2020*

CLIENT: Aspect Consulting
Project: Maddux S
Work Order: 2010413

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010413-001	B-P43-P34-42-S	10/23/2020 2:50 PM	10/26/2020 10:53 AM
2010413-002	B-P45-P32-43-S	10/23/2020 2:20 PM	10/26/2020 10:53 AM
2010413-003	B-P43-P36-43-S	10/26/2020 8:25 AM	10/26/2020 10:53 AM
2010413-004	B-P45-P36-43-S	10/26/2020 8:30 AM	10/26/2020 10:53 AM
2010413-005	B-P45-P34-43-S	10/26/2020 9:00 AM	10/26/2020 10:53 AM
2010413-006	Trip Blank	10/12/2020 5:29 PM	10/26/2020 10:53 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010413**
Date: **10/27/2020**

CLIENT: Aspect Consulting
Project: Maddux S

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010413**
Date Reported: **10/27/2020**

CLIENT: Aspect Consulting
Project: Maddux S

Lab ID: 2010413-001 **Collection Date:** 10/23/2020 2:50:00 PM
Client Sample ID: **B-P43-P34-42-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30162		Analyst: IH
Diesel (Fuel Oil)	ND	24.5		mg/Kg-dry	1	10/27/2020 2:56:51 AM
Heavy Oil	ND	61.3		mg/Kg-dry	1	10/27/2020 2:56:51 AM
Surr: 2-Fluorobiphenyl	91.4	50 - 150		%Rec	1	10/27/2020 2:56:51 AM
Surr: o-Terphenyl	81.1	50 - 150		%Rec	1	10/27/2020 2:56:51 AM
Gasoline by NWTPH-Gx				Batch ID: 30154		Analyst: KT
Gasoline	ND	6.05		mg/Kg-dry	1	10/26/2020 10:09:17 PM
Surr: Toluene-d8	99.6	65 - 135		%Rec	1	10/26/2020 10:09:17 PM
Surr: 4-Bromofluorobenzene	99.8	65 - 135		%Rec	1	10/26/2020 10:09:17 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30154		Analyst: KT
Vinyl chloride	ND	0.0242		mg/Kg-dry	1	10/26/2020 10:09:17 PM
1,1-Dichloroethene	ND	0.0242		mg/Kg-dry	1	10/26/2020 10:09:17 PM
trans-1,2-Dichloroethene	ND	0.0242		mg/Kg-dry	1	10/26/2020 10:09:17 PM
cis-1,2-Dichloroethene	ND	0.0242		mg/Kg-dry	1	10/26/2020 10:09:17 PM
Benzene	ND	0.0242		mg/Kg-dry	1	10/26/2020 10:09:17 PM
Trichloroethene (TCE)	ND	0.0242		mg/Kg-dry	1	10/26/2020 10:09:17 PM
Toluene	ND	0.0242		mg/Kg-dry	1	10/26/2020 10:09:17 PM
Tetrachloroethene (PCE)	ND	0.0242		mg/Kg-dry	1	10/26/2020 10:09:17 PM
Ethylbenzene	ND	0.0303		mg/Kg-dry	1	10/26/2020 10:09:17 PM
m,p-Xylene	ND	0.0605		mg/Kg-dry	1	10/26/2020 10:09:17 PM
o-Xylene	ND	0.0303		mg/Kg-dry	1	10/26/2020 10:09:17 PM
Surr: Dibromofluoromethane	95.4	85.2 - 113		%Rec	1	10/26/2020 10:09:17 PM
Surr: Toluene-d8	96.2	88.5 - 110		%Rec	1	10/26/2020 10:09:17 PM
Surr: 1-Bromo-4-fluorobenzene	98.3	88.6 - 109		%Rec	1	10/26/2020 10:09:17 PM
Sample Moisture (Percent Moisture)				Batch ID: R62865		Analyst: RL
Percent Moisture	21.3	0.500		wt%	1	10/26/2020 4:45:49 PM

Analytical Report

Work Order: **2010413**
Date Reported: **10/27/2020**

CLIENT: Aspect Consulting
Project: Maddux S

Lab ID: 2010413-002 **Collection Date:** 10/23/2020 2:20:00 PM
Client Sample ID: **B-P45-P32-43-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30162		Analyst: IH
Diesel (Fuel Oil)	ND	23.6		mg/Kg-dry	1	10/27/2020 3:26:22 AM
Heavy Oil	ND	58.9		mg/Kg-dry	1	10/27/2020 3:26:22 AM
Surr: 2-Fluorobiphenyl	92.8	50 - 150		%Rec	1	10/27/2020 3:26:22 AM
Surr: o-Terphenyl	79.9	50 - 150		%Rec	1	10/27/2020 3:26:22 AM
Gasoline by NWTPH-Gx				Batch ID: 30154		Analyst: KT
Gasoline	ND	5.94		mg/Kg-dry	1	10/26/2020 11:09:49 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	10/26/2020 11:09:49 PM
Surr: 4-Bromofluorobenzene	95.9	65 - 135		%Rec	1	10/26/2020 11:09:49 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30154		Analyst: KT
Vinyl chloride	ND	0.0238		mg/Kg-dry	1	10/26/2020 11:09:49 PM
1,1-Dichloroethene	ND	0.0238		mg/Kg-dry	1	10/26/2020 11:09:49 PM
trans-1,2-Dichloroethene	ND	0.0238		mg/Kg-dry	1	10/26/2020 11:09:49 PM
cis-1,2-Dichloroethene	ND	0.0238		mg/Kg-dry	1	10/26/2020 11:09:49 PM
Benzene	ND	0.0238		mg/Kg-dry	1	10/26/2020 11:09:49 PM
Trichloroethene (TCE)	ND	0.0238		mg/Kg-dry	1	10/26/2020 11:09:49 PM
Toluene	ND	0.0238		mg/Kg-dry	1	10/26/2020 11:09:49 PM
Tetrachloroethene (PCE)	ND	0.0238		mg/Kg-dry	1	10/26/2020 11:09:49 PM
Ethylbenzene	ND	0.0297		mg/Kg-dry	1	10/26/2020 11:09:49 PM
m,p-Xylene	ND	0.0594		mg/Kg-dry	1	10/26/2020 11:09:49 PM
o-Xylene	ND	0.0297		mg/Kg-dry	1	10/26/2020 11:09:49 PM
Surr: Dibromofluoromethane	96.6	85.2 - 113		%Rec	1	10/26/2020 11:09:49 PM
Surr: Toluene-d8	96.9	88.5 - 110		%Rec	1	10/26/2020 11:09:49 PM
Surr: 1-Bromo-4-fluorobenzene	94.5	88.6 - 109		%Rec	1	10/26/2020 11:09:49 PM
Sample Moisture (Percent Moisture)				Batch ID: R62865		Analyst: RL
Percent Moisture	23.7	0.500		wt%	1	10/26/2020 4:45:49 PM

Analytical Report

Work Order: **2010413**
Date Reported: **10/27/2020**

CLIENT: Aspect Consulting
Project: Maddux S

Lab ID: 2010413-003 **Collection Date:** 10/26/2020 8:25:00 AM
Client Sample ID: **B-P43-P36-43-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30162		Analyst: IH
Diesel (Fuel Oil)	ND	23.5		mg/Kg-dry	1	10/27/2020 3:55:54 AM
Heavy Oil	ND	58.7		mg/Kg-dry	1	10/27/2020 3:55:54 AM
Surr: 2-Fluorobiphenyl	82.9	50 - 150		%Rec	1	10/27/2020 3:55:54 AM
Surr: o-Terphenyl	76.6	50 - 150		%Rec	1	10/27/2020 3:55:54 AM
Gasoline by NWTPH-Gx				Batch ID: 30154		Analyst: KT
Gasoline	ND	6.69		mg/Kg-dry	1	10/26/2020 11:40:06 PM
Surr: Toluene-d8	98.8	65 - 135		%Rec	1	10/26/2020 11:40:06 PM
Surr: 4-Bromofluorobenzene	98.8	65 - 135		%Rec	1	10/26/2020 11:40:06 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30154		Analyst: KT
Vinyl chloride	ND	0.0268		mg/Kg-dry	1	10/26/2020 11:40:06 PM
1,1-Dichloroethene	ND	0.0268		mg/Kg-dry	1	10/26/2020 11:40:06 PM
trans-1,2-Dichloroethene	ND	0.0268		mg/Kg-dry	1	10/26/2020 11:40:06 PM
cis-1,2-Dichloroethene	ND	0.0268		mg/Kg-dry	1	10/26/2020 11:40:06 PM
Benzene	ND	0.0268		mg/Kg-dry	1	10/26/2020 11:40:06 PM
Trichloroethene (TCE)	ND	0.0268		mg/Kg-dry	1	10/26/2020 11:40:06 PM
Toluene	ND	0.0268		mg/Kg-dry	1	10/26/2020 11:40:06 PM
Tetrachloroethene (PCE)	ND	0.0268		mg/Kg-dry	1	10/26/2020 11:40:06 PM
Ethylbenzene	ND	0.0335		mg/Kg-dry	1	10/26/2020 11:40:06 PM
m,p-Xylene	ND	0.0669		mg/Kg-dry	1	10/26/2020 11:40:06 PM
o-Xylene	ND	0.0335		mg/Kg-dry	1	10/26/2020 11:40:06 PM
Surr: Dibromofluoromethane	96.3	85.2 - 113		%Rec	1	10/26/2020 11:40:06 PM
Surr: Toluene-d8	96.4	88.5 - 110		%Rec	1	10/26/2020 11:40:06 PM
Surr: 1-Bromo-4-fluorobenzene	97.4	88.6 - 109		%Rec	1	10/26/2020 11:40:06 PM
Sample Moisture (Percent Moisture)				Batch ID: R62865		Analyst: RL
Percent Moisture	25.2	0.500		wt%	1	10/26/2020 4:45:49 PM

Analytical Report

Work Order: **2010413**
Date Reported: **10/27/2020**

CLIENT: Aspect Consulting
Project: Maddux S

Lab ID: 2010413-004 **Collection Date:** 10/26/2020 8:30:00 AM
Client Sample ID: **B-P45-P36-43-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30162		Analyst: IH
Diesel (Fuel Oil)	ND	23.0		mg/Kg-dry	1	10/27/2020 4:25:26 AM
Heavy Oil	ND	57.6		mg/Kg-dry	1	10/27/2020 4:25:26 AM
Surr: 2-Fluorobiphenyl	94.9	50 - 150		%Rec	1	10/27/2020 4:25:26 AM
Surr: o-Terphenyl	80.6	50 - 150		%Rec	1	10/27/2020 4:25:26 AM
Gasoline by NWTPH-Gx				Batch ID: 30154		Analyst: KT
Gasoline	ND	3.68		mg/Kg-dry	1	10/27/2020 12:10:23 AM
Surr: Toluene-d8	99.8	65 - 135		%Rec	1	10/27/2020 12:10:23 AM
Surr: 4-Bromofluorobenzene	98.4	65 - 135		%Rec	1	10/27/2020 12:10:23 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30154		Analyst: KT
Vinyl chloride	ND	0.0147		mg/Kg-dry	1	10/27/2020 12:10:23 AM
1,1-Dichloroethene	ND	0.0147		mg/Kg-dry	1	10/27/2020 12:10:23 AM
trans-1,2-Dichloroethene	ND	0.0147		mg/Kg-dry	1	10/27/2020 12:10:23 AM
cis-1,2-Dichloroethene	ND	0.0147		mg/Kg-dry	1	10/27/2020 12:10:23 AM
Benzene	ND	0.0147		mg/Kg-dry	1	10/27/2020 12:10:23 AM
Trichloroethene (TCE)	ND	0.0147		mg/Kg-dry	1	10/27/2020 12:10:23 AM
Toluene	ND	0.0147		mg/Kg-dry	1	10/27/2020 12:10:23 AM
Tetrachloroethene (PCE)	ND	0.0147		mg/Kg-dry	1	10/27/2020 12:10:23 AM
Ethylbenzene	ND	0.0184		mg/Kg-dry	1	10/27/2020 12:10:23 AM
m,p-Xylene	ND	0.0368		mg/Kg-dry	1	10/27/2020 12:10:23 AM
o-Xylene	ND	0.0184		mg/Kg-dry	1	10/27/2020 12:10:23 AM
Surr: Dibromofluoromethane	96.7	85.2 - 113		%Rec	1	10/27/2020 12:10:23 AM
Surr: Toluene-d8	97.4	88.5 - 110		%Rec	1	10/27/2020 12:10:23 AM
Surr: 1-Bromo-4-fluorobenzene	97.0	88.6 - 109		%Rec	1	10/27/2020 12:10:23 AM
Sample Moisture (Percent Moisture)				Batch ID: R62865		Analyst: RL
Percent Moisture	15.8	0.500		wt%	1	10/26/2020 4:45:49 PM

Analytical Report

Work Order: **2010413**
Date Reported: **10/27/2020**

CLIENT: Aspect Consulting
Project: Maddux S

Lab ID: 2010413-005 **Collection Date:** 10/26/2020 9:00:00 AM
Client Sample ID: **B-P45-P34-43-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30162		Analyst: IH
Diesel (Fuel Oil)	ND	20.4		mg/Kg-dry	1	10/27/2020 4:55:03 AM
Heavy Oil	ND	51.0		mg/Kg-dry	1	10/27/2020 4:55:03 AM
Surr: 2-Fluorobiphenyl	97.9	50 - 150		%Rec	1	10/27/2020 4:55:03 AM
Surr: o-Terphenyl	84.0	50 - 150		%Rec	1	10/27/2020 4:55:03 AM
Gasoline by NWTPH-Gx				Batch ID: 30154		Analyst: KT
Gasoline	ND	2.30		mg/Kg-dry	1	10/27/2020 12:40:36 AM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/27/2020 12:40:36 AM
Surr: 4-Bromofluorobenzene	96.7	65 - 135		%Rec	1	10/27/2020 12:40:36 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30154		Analyst: KT
Vinyl chloride	ND	0.00919		mg/Kg-dry	1	10/27/2020 12:40:36 AM
1,1-Dichloroethene	ND	0.00919		mg/Kg-dry	1	10/27/2020 12:40:36 AM
trans-1,2-Dichloroethene	ND	0.00919		mg/Kg-dry	1	10/27/2020 12:40:36 AM
cis-1,2-Dichloroethene	ND	0.00919		mg/Kg-dry	1	10/27/2020 12:40:36 AM
Benzene	ND	0.00919		mg/Kg-dry	1	10/27/2020 12:40:36 AM
Trichloroethene (TCE)	ND	0.00919		mg/Kg-dry	1	10/27/2020 12:40:36 AM
Toluene	ND	0.00919		mg/Kg-dry	1	10/27/2020 12:40:36 AM
Tetrachloroethene (PCE)	ND	0.00919		mg/Kg-dry	1	10/27/2020 12:40:36 AM
Ethylbenzene	ND	0.0115		mg/Kg-dry	1	10/27/2020 12:40:36 AM
m,p-Xylene	ND	0.0230		mg/Kg-dry	1	10/27/2020 12:40:36 AM
o-Xylene	ND	0.0115		mg/Kg-dry	1	10/27/2020 12:40:36 AM
Surr: Dibromofluoromethane	96.4	85.2 - 113		%Rec	1	10/27/2020 12:40:36 AM
Surr: Toluene-d8	96.6	88.5 - 110		%Rec	1	10/27/2020 12:40:36 AM
Surr: 1-Bromo-4-fluorobenzene	95.3	88.6 - 109		%Rec	1	10/27/2020 12:40:36 AM
Sample Moisture (Percent Moisture)				Batch ID: R62865		Analyst: RL
Percent Moisture	17.4	0.500		wt%	1	10/26/2020 4:45:49 PM

Analytical Report

Work Order: **2010413**
Date Reported: **10/27/2020**

CLIENT: Aspect Consulting
Project: Maddux S

Lab ID: 2010413-006 **Collection Date:** 10/12/2020 5:29:00 PM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Gasoline by NWTPH-Gx				Batch ID: 30154		Analyst: KT
Gasoline	ND	5.00		mg/Kg	1	10/26/2020 8:38:32 PM
Surr: Toluene-d8	99.8	65 - 135		%Rec	1	10/26/2020 8:38:32 PM
Surr: 4-Bromofluorobenzene	99.3	65 - 135		%Rec	1	10/26/2020 8:38:32 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30154		Analyst: KT
Vinyl chloride	ND	0.0200		mg/Kg	1	10/26/2020 8:38:32 PM
1,1-Dichloroethene	ND	0.0200		mg/Kg	1	10/26/2020 8:38:32 PM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/26/2020 8:38:32 PM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/26/2020 8:38:32 PM
Benzene	ND	0.0200		mg/Kg	1	10/26/2020 8:38:32 PM
Trichloroethene (TCE)	ND	0.0200		mg/Kg	1	10/26/2020 8:38:32 PM
Toluene	ND	0.0200		mg/Kg	1	10/26/2020 8:38:32 PM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg	1	10/26/2020 8:38:32 PM
Ethylbenzene	ND	0.0250		mg/Kg	1	10/26/2020 8:38:32 PM
m,p-Xylene	ND	0.0500		mg/Kg	1	10/26/2020 8:38:32 PM
o-Xylene	ND	0.0250		mg/Kg	1	10/26/2020 8:38:32 PM
Surr: Dibromofluoromethane	95.8	85.2 - 113		%Rec	1	10/26/2020 8:38:32 PM
Surr: Toluene-d8	97.2	88.5 - 110		%Rec	1	10/26/2020 8:38:32 PM
Surr: 1-Bromo-4-fluorobenzene	97.8	88.6 - 109		%Rec	1	10/26/2020 8:38:32 PM

Work Order: 2010413
CLIENT: Aspect Consulting
Project: Maddux S

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-30162** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/26/2020** RunNo: **62871**
Client ID: **MBLKS** Batch ID: **30162** Analysis Date: **10/26/2020** SeqNo: **1261974**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	18.7		20.00		93.7	50	150				
Surr: o-Terphenyl	16.2		20.00		81.1	50	150				

Sample ID: **LCS-30162** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/26/2020** RunNo: **62871**
Client ID: **LCSS** Batch ID: **30162** Analysis Date: **10/26/2020** SeqNo: **1261975**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	451	20.0	500.0	0	90.2	65	135				
Surr: 2-Fluorobiphenyl	19.3		20.00		96.6	50	150				
Surr: o-Terphenyl	18.6		20.00		93.1	50	150				

Sample ID: **2010318-002AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/26/2020** RunNo: **62871**
Client ID: **BATCH** Batch ID: **30162** Analysis Date: **10/26/2020** SeqNo: **1261978**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	491	21.5	538.4	0	91.1	65	135				
Surr: 2-Fluorobiphenyl	23.1		21.54		107	50	150				
Surr: o-Terphenyl	21.8		21.54		101	50	150				

Sample ID: **2010318-002AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/26/2020** RunNo: **62871**
Client ID: **BATCH** Batch ID: **30162** Analysis Date: **10/26/2020** SeqNo: **1261979**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	513	20.2	504.8	0	102	65	135	490.7	4.45	30	
Surr: 2-Fluorobiphenyl	22.4		20.19		111	50	150		0		
Surr: o-Terphenyl	22.2		20.19		110	50	150		0		

Work Order: 2010413
CLIENT: Aspect Consulting
Project: Maddux S

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2010350-002ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/26/2020** RunNo: **62871**
Client ID: **BATCH** Batch ID: **30162** Analysis Date: **10/26/2020** SeqNo: **1261983**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	17.3						0		30	
Heavy Oil	ND	43.3						0		30	
Surr: 2-Fluorobiphenyl	16.4		17.31		94.9	50	150		0		
Surr: o-Terphenyl	14.6		17.31		84.2	50	150		0		

Work Order: 2010413
CLIENT: Aspect Consulting
Project: Maddux S

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-30154**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/26/2020**	RunNo: **62869**
Client ID: **LCSS**	Batch ID: **30154**		Analysis Date: **10/26/2020**	SeqNo: **1261882**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	26.3	5.00	25.00	0	105	65	135				
Surr: Toluene-d8	1.24		1.250		99.5	65	135				
Surr: 4-Bromofluorobenzene	1.30		1.250		104	65	135				

Sample ID: **MB-30152**	SampType: **MBLK**	Units: **%Rec**	Prep Date: **10/23/2020**	RunNo: **62869**
Client ID: **MBLKS**	Batch ID: **30152**		Analysis Date: **10/26/2020**	SeqNo: **1261883**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	1.25		1.250		100	65	135				
Surr: 4-Bromofluorobenzene	1.24		1.250		99.5	65	135				

Sample ID: **2010304-009BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/26/2020**	RunNo: **62869**
Client ID: **BATCH**	Batch ID: **30154**		Analysis Date: **10/26/2020**	SeqNo: **1261857**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.13						0		30	
Surr: Toluene-d8	1.28		1.282		99.6	65	135		0		
Surr: 4-Bromofluorobenzene	1.29		1.282		101	65	135		0		

Sample ID: **2010304-010BMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **10/26/2020**	RunNo: **62869**
Client ID: **BATCH**	Batch ID: **30154**		Analysis Date: **10/26/2020**	SeqNo: **1261859**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	18.4	4.71	23.55	0	78.2	65	135				
Surr: Toluene-d8	1.16		1.178		98.6	65	135				
Surr: 4-Bromofluorobenzene	1.17		1.178		99.5	65	135				

Work Order: 2010413
CLIENT: Aspect Consulting
Project: Maddux S

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2010304-010BMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **10/26/2020**	RunNo: **62869**
Client ID: **BATCH**	Batch ID: **30154**		Analysis Date: **10/26/2020**	SeqNo: **1261860**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	21.6	4.71	23.55	0	91.6	65	135	18.41	15.9	30	
Surr: Toluene-d8	1.18		1.178		99.9	65	135		0		
Surr: 4-Bromofluorobenzene	1.19		1.178		101	65	135		0		

Sample ID: **2010413-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/26/2020**	RunNo: **62869**
Client ID: **B-P43-P34-42-S**	Batch ID: **30154**		Analysis Date: **10/26/2020**	SeqNo: **1261871**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	6.05						0		30	
Surr: Toluene-d8	1.50		1.513		99.5	65	135		0		
Surr: 4-Bromofluorobenzene	1.51		1.513		99.9	65	135		0		

Work Order: 2010413
CLIENT: Aspect Consulting
Project: Maddux S

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30154** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **LCSS** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261852**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.08	0.0200	1.000	0	108	66	131				
1,1-Dichloroethene	1.05	0.0200	1.000	0	105	63.4	139				
trans-1,2-Dichloroethene	1.02	0.0200	1.000	0	102	80.5	116				
cis-1,2-Dichloroethene	1.02	0.0200	1.000	0	102	81.8	114				
Benzene	1.02	0.0200	1.000	0	102	79.4	116				
Trichloroethene (TCE)	0.997	0.0200	1.000	0	99.7	80.8	117				
Toluene	1.00	0.0200	1.000	0	100	80.5	115				
Tetrachloroethene (PCE)	1.00	0.0200	1.000	0	100	81.8	116				
Ethylbenzene	1.04	0.0250	1.000	0	104	81.6	116				
m,p-Xylene	2.07	0.0500	2.000	0	104	83.2	115				
o-Xylene	1.03	0.0250	1.000	0	103	82.5	114				
Surr: Dibromofluoromethane	1.29		1.250		103	85.2	113				
Surr: Toluene-d8	1.24		1.250		99.4	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.31		1.250		104	88.6	109				

Sample ID: **MB-30154** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **MBLKS** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261853**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2010413
CLIENT: Aspect Consulting
Project: Maddux S

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-30154** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **MBLKS** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261853**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.21		1.250		96.8	85.2	113				
Surr: Toluene-d8	1.22		1.250		97.9	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.22		1.250		98.0	88.6	109				

NOTES:
9 - Q-Value (for when peaks are zeroed)

Sample ID: **2010351-001BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **BATCH** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261836**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.33	0.0237	1.187	0	112	52.8	150				
1,1-Dichloroethene	1.35	0.0237	1.187	0	114	62.9	149				
trans-1,2-Dichloroethene	1.33	0.0237	1.187	0	112	73.1	130				
cis-1,2-Dichloroethene	1.30	0.0237	1.187	0	109	77.5	125				
Benzene	1.32	0.0237	1.187	0	111	74.6	126				
Trichloroethene (TCE)	1.28	0.0237	1.187	0	108	72	133				
Toluene	1.29	0.0237	1.187	0.006538	108	72.6	127				
Tetrachloroethene (PCE)	1.32	0.0237	1.187	0	111	72.7	128				
Ethylbenzene	1.31	0.0297	1.187	0	110	77.3	126				
m,p-Xylene	2.62	0.0594	2.374	0	110	78.5	126				
o-Xylene	1.31	0.0297	1.187	0	110	79.4	123				
Surr: Dibromofluoromethane	1.54		1.484		104	85.2	113				
Surr: Toluene-d8	1.50		1.484		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.55		1.484		105	88.6	109				

Sample ID: **2010351-001BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **BATCH** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261837**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.33	0.0237	1.187	0	112	52.8	150	1.327	0.0340	30	

Work Order: 2010413
CLIENT: Aspect Consulting
Project: Maddux S

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010351-001BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **BATCH** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261837**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	1.33	0.0237	1.187	0	112	62.9	149	1.354	1.99	30	
trans-1,2-Dichloroethene	1.28	0.0237	1.187	0	108	73.1	130	1.330	3.73	30	
cis-1,2-Dichloroethene	1.23	0.0237	1.187	0	103	77.5	125	1.300	5.69	30	
Benzene	1.25	0.0237	1.187	0	105	74.6	126	1.317	5.28	30	
Trichloroethene (TCE)	1.22	0.0237	1.187	0	103	72	133	1.282	4.99	30	
Toluene	1.21	0.0237	1.187	0.006538	102	72.6	127	1.290	6.09	30	
Tetrachloroethene (PCE)	1.24	0.0237	1.187	0	105	72.7	128	1.321	6.18	30	
Ethylbenzene	1.26	0.0297	1.187	0	106	77.3	126	1.305	3.64	30	
m,p-Xylene	2.52	0.0594	2.374	0	106	78.5	126	2.622	3.95	30	
o-Xylene	1.25	0.0297	1.187	0	105	79.4	123	1.311	4.60	30	
Surr: Dibromofluoromethane	1.52		1.484		103	85.2	113		0		
Surr: Toluene-d8	1.46		1.484		98.2	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.54		1.484		104	88.6	109		0		

Sample ID: **2010304-009BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **BATCH** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261839**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0205						0		30	
1,1-Dichloroethene	ND	0.0205						0		30	
trans-1,2-Dichloroethene	ND	0.0205						0		30	
cis-1,2-Dichloroethene	ND	0.0205						0		30	
Benzene	ND	0.0205						0		30	
Trichloroethene (TCE)	ND	0.0205						0		30	
Toluene	ND	0.0205						0		30	
Tetrachloroethene (PCE)	ND	0.0205						0		30	
Ethylbenzene	ND	0.0256						0		30	
m,p-Xylene	ND	0.0513						0		30	
o-Xylene	ND	0.0256						0		30	
Surr: Dibromofluoromethane	1.25		1.282		97.8	85.2	113		0		

Work Order: 2010413
CLIENT: Aspect Consulting
Project: Maddux S

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010304-009BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **BATCH** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261839**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	1.26		1.282		98.4	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.27		1.282		99.3	88.6	109		0		

Sample ID: **2010413-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/26/2020** RunNo: **62868**
Client ID: **B-P43-P34-42-S** Batch ID: **30154** Analysis Date: **10/26/2020** SeqNo: **1261841**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0242						0		30	
1,1-Dichloroethene	ND	0.0242						0		30	
trans-1,2-Dichloroethene	ND	0.0242						0		30	
cis-1,2-Dichloroethene	ND	0.0242						0		30	
Benzene	ND	0.0242						0		30	
Trichloroethene (TCE)	ND	0.0242						0		30	
Toluene	ND	0.0242						0		30	
Tetrachloroethene (PCE)	ND	0.0242						0		30	
Ethylbenzene	ND	0.0303						0		30	
m,p-Xylene	ND	0.0605						0		30	
o-Xylene	ND	0.0303						0		30	
Surr: Dibromofluoromethane	1.45		1.513		96.0	85.2	113		0		
Surr: Toluene-d8	1.46		1.513		96.7	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.49		1.513		98.5	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010413**
Logged by:	**Carissa True**	Date Received:	**10/26/2020 10:53:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Coolers are present?	Yes ☑	No ☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☑	No ☐	Not Present ☐
6.	Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes ☑	No ☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
9.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
10.	Are samples properly preserved?	Yes ☑	No ☐	
11.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
14.	Does paperwork match bottle labels?	Yes ☑	No ☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
16.	Is it clear what analyses were requested?	Yes ☑	No ☐	
17.	Were all holding times able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	5.4

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/26/20 | Page: 1 of: 1 | Laboratory Project No (internal): 2010413

Special Remarks:

Client: Aspect Consulting
Address: 710 2nd Ave, Ste 550
City, State, Zip: Seattle, WA 98104
Telephone: (206) 413-5411
Fax:

Project Name: Maddux S
Project No: 160324
Collected by: KB/DWW
Location: Maddux S
Report To (PM): Andrew Yunkofski
PM Email: ayunkofski@aspectconsulting.com

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260	Comments
1	B-P43-P34-42-S	10/23/20	1450	S		X				X								X	
2	B-P45-P32-43-S	10/23/20	1420																
3	B-P43-P36-43-S	10/26/20	0825																
4	B-P45-P36-43-S	↓	0830																
5	B-P45-P34-43-S	↓	0900	↓															
6	Trip Blank	—	—	O															
7																			
8																			
9																			
10																			

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Rachel	10/26/20 1045	x Clair Anderson	10/26/20 1053
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:
- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day 24hr TAT
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux South
Work Order Number: 2010424

October 28, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 3 sample(s) on 10/26/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/28/2020*

CLIENT: Aspect Consulting
Project: Maddux South
Work Order: 2010424

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010424-001	B-P47-P28-47-S	10/26/2020 10:10 AM	10/26/2020 3:04 PM
2010424-002	B-P47-P30-47-S	10/26/2020 10:20 AM	10/26/2020 3:04 PM
2010424-003	Trip Blank	09/22/2020 12:57 PM	10/26/2020 3:04 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010424**
Date: **10/28/2020**

CLIENT: Aspect Consulting
Project: Maddux South

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010424**
Date Reported: **10/28/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010424-001 **Collection Date:** 10/26/2020 10:10:00 AM
Client Sample ID: **B-P47-P28-47-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30162		Analyst: IH
Diesel (Fuel Oil)	ND	26.9		mg/Kg-dry	1	10/27/2020 5:24:36 AM
Heavy Oil	ND	67.4		mg/Kg-dry	1	10/27/2020 5:24:36 AM
Surr: 2-Fluorobiphenyl	94.7	50 - 150		%Rec	1	10/27/2020 5:24:36 AM
Surr: o-Terphenyl	80.9	50 - 150		%Rec	1	10/27/2020 5:24:36 AM
Gasoline by NWTPH-Gx				Batch ID: 30169		Analyst: CR
Gasoline	ND	7.36		mg/Kg-dry	1	10/27/2020 4:42:24 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/27/2020 4:42:24 PM
Surr: 4-Bromofluorobenzene	99.2	65 - 135		%Rec	1	10/27/2020 4:42:24 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30169		Analyst: CR
Vinyl chloride	ND	0.0294		mg/Kg-dry	1	10/27/2020 4:42:24 PM
1,1-Dichloroethene	ND	0.0294		mg/Kg-dry	1	10/27/2020 4:42:24 PM
trans-1,2-Dichloroethene	ND	0.0294		mg/Kg-dry	1	10/27/2020 4:42:24 PM
cis-1,2-Dichloroethene	ND	0.0294		mg/Kg-dry	1	10/27/2020 4:42:24 PM
Benzene	ND	0.0294		mg/Kg-dry	1	10/27/2020 4:42:24 PM
Trichloroethene (TCE)	ND	0.0294		mg/Kg-dry	1	10/27/2020 4:42:24 PM
Toluene	ND	0.0294		mg/Kg-dry	1	10/27/2020 4:42:24 PM
Tetrachloroethene (PCE)	ND	0.0294		mg/Kg-dry	1	10/27/2020 4:42:24 PM
Ethylbenzene	ND	0.0368		mg/Kg-dry	1	10/27/2020 4:42:24 PM
m,p-Xylene	ND	0.0736		mg/Kg-dry	1	10/27/2020 4:42:24 PM
o-Xylene	ND	0.0368		mg/Kg-dry	1	10/27/2020 4:42:24 PM
Surr: Dibromofluoromethane	96.7	85.2 - 113		%Rec	1	10/27/2020 4:42:24 PM
Surr: Toluene-d8	98.4	88.5 - 110		%Rec	1	10/27/2020 4:42:24 PM
Surr: 1-Bromo-4-fluorobenzene	97.7	88.6 - 109		%Rec	1	10/27/2020 4:42:24 PM
Sample Moisture (Percent Moisture)				Batch ID: R62874		Analyst: CJ
Percent Moisture	30.5	0.500		wt%	1	10/27/2020 10:27:36 AM

Analytical Report

Work Order: **2010424**
Date Reported: **10/28/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010424-002 **Collection Date:** 10/26/2020 10:20:00 AM
Client Sample ID: **B-P47-P30-47-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30162		Analyst: IH
Diesel (Fuel Oil)	ND	37.0		mg/Kg-dry	1	10/27/2020 5:54:13 AM
Heavy Oil	ND	92.6		mg/Kg-dry	1	10/27/2020 5:54:13 AM
Surr: 2-Fluorobiphenyl	92.7	50 - 150		%Rec	1	10/27/2020 5:54:13 AM
Surr: o-Terphenyl	81.7	50 - 150		%Rec	1	10/27/2020 5:54:13 AM
Gasoline by NWTPH-Gx				Batch ID: 30169		Analyst: CR
Gasoline	ND	12.1		mg/Kg-dry	1	10/27/2020 5:43:08 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/27/2020 5:43:08 PM
Surr: 4-Bromofluorobenzene	100	65 - 135		%Rec	1	10/27/2020 5:43:08 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30169		Analyst: CR
Vinyl chloride	ND	0.0485		mg/Kg-dry	1	10/27/2020 5:43:08 PM
1,1-Dichloroethene	ND	0.0485		mg/Kg-dry	1	10/27/2020 5:43:08 PM
trans-1,2-Dichloroethene	ND	0.0485		mg/Kg-dry	1	10/27/2020 5:43:08 PM
cis-1,2-Dichloroethene	ND	0.0485		mg/Kg-dry	1	10/27/2020 5:43:08 PM
Benzene	ND	0.0485		mg/Kg-dry	1	10/27/2020 5:43:08 PM
Trichloroethene (TCE)	ND	0.0485		mg/Kg-dry	1	10/27/2020 5:43:08 PM
Toluene	ND	0.0485		mg/Kg-dry	1	10/27/2020 5:43:08 PM
Tetrachloroethene (PCE)	ND	0.0485		mg/Kg-dry	1	10/27/2020 5:43:08 PM
Ethylbenzene	ND	0.0606		mg/Kg-dry	1	10/27/2020 5:43:08 PM
m,p-Xylene	ND	0.121		mg/Kg-dry	1	10/27/2020 5:43:08 PM
o-Xylene	ND	0.0606		mg/Kg-dry	1	10/27/2020 5:43:08 PM
Surr: Dibromofluoromethane	97.0	85.2 - 113		%Rec	1	10/27/2020 5:43:08 PM
Surr: Toluene-d8	97.9	88.5 - 110		%Rec	1	10/27/2020 5:43:08 PM
Surr: 1-Bromo-4-fluorobenzene	98.7	88.6 - 109		%Rec	1	10/27/2020 5:43:08 PM
Sample Moisture (Percent Moisture)				Batch ID: R62874		Analyst: CJ
Percent Moisture	48.5	0.500		wt%	1	10/27/2020 10:27:36 AM

Analytical Report

Work Order: **2010424**
Date Reported: **10/28/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010424-003 **Collection Date:** 9/22/2020 12:57:00 PM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Gasoline by NWTPH-Gx				Batch ID: 30169		Analyst: CR
Gasoline	ND	5.00	H	mg/Kg	1	10/27/2020 12:08:50 PM
Surr: Toluene-d8	101	65 - 135	H	%Rec	1	10/27/2020 12:08:50 PM
Surr: 4-Bromofluorobenzene	98.4	65 - 135	H	%Rec	1	10/27/2020 12:08:50 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30169		Analyst: CR
Vinyl chloride	ND	0.0200	H	mg/Kg	1	10/27/2020 12:08:50 PM
1,1-Dichloroethene	ND	0.0200	H	mg/Kg	1	10/27/2020 12:08:50 PM
trans-1,2-Dichloroethene	ND	0.0200	H	mg/Kg	1	10/27/2020 12:08:50 PM
cis-1,2-Dichloroethene	ND	0.0200	H	mg/Kg	1	10/27/2020 12:08:50 PM
Benzene	ND	0.0200	H	mg/Kg	1	10/27/2020 12:08:50 PM
Trichloroethene (TCE)	ND	0.0200	H	mg/Kg	1	10/27/2020 12:08:50 PM
Toluene	ND	0.0200	H	mg/Kg	1	10/27/2020 12:08:50 PM
Tetrachloroethene (PCE)	ND	0.0200	H	mg/Kg	1	10/27/2020 12:08:50 PM
Ethylbenzene	ND	0.0250	H	mg/Kg	1	10/27/2020 12:08:50 PM
m,p-Xylene	ND	0.0500	H	mg/Kg	1	10/27/2020 12:08:50 PM
o-Xylene	ND	0.0250	H	mg/Kg	1	10/27/2020 12:08:50 PM
Surr: Dibromofluoromethane	95.7	85.2 - 113	H	%Rec	1	10/27/2020 12:08:50 PM
Surr: Toluene-d8	97.2	88.5 - 110	H	%Rec	1	10/27/2020 12:08:50 PM
Surr: 1-Bromo-4-fluorobenzene	96.9	88.6 - 109	H	%Rec	1	10/27/2020 12:08:50 PM

Work Order: 2010424
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-30162**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/26/2020**	RunNo: **62871**
Client ID: **MBLKS**	Batch ID: **30162**		Analysis Date: **10/26/2020**	SeqNo: **1261974**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	18.7		20.00		93.7	50	150				
Surr: o-Terphenyl	16.2		20.00		81.1	50	150				

Sample ID: **LCS-30162**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/26/2020**	RunNo: **62871**
Client ID: **LCSS**	Batch ID: **30162**		Analysis Date: **10/26/2020**	SeqNo: **1261975**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	451	20.0	500.0	0	90.2	65	135				
Surr: 2-Fluorobiphenyl	19.3		20.00		96.6	50	150				
Surr: o-Terphenyl	18.6		20.00		93.1	50	150				

Sample ID: **2010318-002AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **10/26/2020**	RunNo: **62871**
Client ID: **BATCH**	Batch ID: **30162**		Analysis Date: **10/26/2020**	SeqNo: **1261978**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	491	21.5	538.4	0	91.1	65	135				
Surr: 2-Fluorobiphenyl	23.1		21.54		107	50	150				
Surr: o-Terphenyl	21.8		21.54		101	50	150				

Sample ID: **2010318-002AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **10/26/2020**	RunNo: **62871**
Client ID: **BATCH**	Batch ID: **30162**		Analysis Date: **10/26/2020**	SeqNo: **1261979**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	513	20.2	504.8	0	102	65	135	490.7	4.45	30	
Surr: 2-Fluorobiphenyl	22.4		20.19		111	50	150		0		
Surr: o-Terphenyl	22.2		20.19		110	50	150		0		

Work Order: 2010424
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2010350-002ADUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/26/2020** RunNo: **62871**
Client ID: **BATCH** Batch ID: **30162** Analysis Date: **10/26/2020** SeqNo: **1261983**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	17.3						0		30	
Heavy Oil	ND	43.3						0		30	
Surr: 2-Fluorobiphenyl	16.4		17.31		94.9	50	150		0		
Surr: o-Terphenyl	14.6		17.31		84.2	50	150		0		

Work Order: 2010424
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-30169**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/27/2020**	RunNo: **62908**
Client ID: **LCSS**	Batch ID: **30169**		Analysis Date: **10/27/2020**	SeqNo: **1262726**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	26.5	5.00	25.00	0	106	65	135				
Surr: Toluene-d8	1.24		1.250		98.9	65	135				
Surr: 4-Bromofluorobenzene	1.30		1.250		104	65	135				

Sample ID: **MB-30169**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/27/2020**	RunNo: **62908**
Client ID: **MBLKS**	Batch ID: **30169**		Analysis Date: **10/27/2020**	SeqNo: **1262727**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.27		1.250		101	65	135				
Surr: 4-Bromofluorobenzene	1.26		1.250		101	65	135				

Sample ID: **2010304-020BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/27/2020**	RunNo: **62908**
Client ID: **BATCH**	Batch ID: **30169**		Analysis Date: **10/27/2020**	SeqNo: **1262705**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.13						0		30	
Surr: Toluene-d8	1.29		1.282		101	65	135		0		
Surr: 4-Bromofluorobenzene	1.27		1.282		99.1	65	135		0		

Sample ID: **2010424-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/27/2020**	RunNo: **62908**
Client ID: **B-P47-P28-47-S**	Batch ID: **30169**		Analysis Date: **10/27/2020**	SeqNo: **1262719**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	7.36						0		30	
Surr: Toluene-d8	1.86		1.840		101	65	135		0		
Surr: 4-Bromofluorobenzene	1.81		1.840		98.4	65	135		0		

Work Order: 2010424
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2010304-021BMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **10/27/2020**	RunNo: **62908**
Client ID: **BATCH**	Batch ID: **30169**		Analysis Date: **10/27/2020**	SeqNo: **1262707**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	21.9	4.92	24.61	0	89.0	65	135				
Surr: Toluene-d8	1.22		1.230		99.5	65	135				
Surr: 4-Bromofluorobenzene	1.25		1.230		102	65	135				

Sample ID: **2010304-021BMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **10/27/2020**	RunNo: **62908**
Client ID: **BATCH**	Batch ID: **30169**		Analysis Date: **10/27/2020**	SeqNo: **1262708**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	21.0	4.92	24.61	0	85.5	65	135	21.89	3.93	30	
Surr: Toluene-d8	1.22		1.230		98.8	65	135		0		
Surr: 4-Bromofluorobenzene	1.26		1.230		102	65	135		0		

Work Order: 2010424
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30169** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **LCSS** Batch ID: **30169** Analysis Date: **10/27/2020** SeqNo: **1262702**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.930	0.0200	1.000	0	93.0	66	131				
1,1-Dichloroethene	0.970	0.0200	1.000	0	97.0	63.4	139				
trans-1,2-Dichloroethene	0.974	0.0200	1.000	0	97.4	80.5	116				
cis-1,2-Dichloroethene	0.980	0.0200	1.000	0	98.0	81.8	114				
Benzene	0.987	0.0200	1.000	0	98.7	79.4	116				
Trichloroethene (TCE)	1.01	0.0200	1.000	0	101	80.8	117				
Toluene	1.02	0.0200	1.000	0	102	80.5	115				
Tetrachloroethene (PCE)	1.08	0.0200	1.000	0	108	81.8	116				
Ethylbenzene	1.05	0.0250	1.000	0	105	81.6	116				
m,p-Xylene	2.09	0.0500	2.000	0	104	83.2	115				
o-Xylene	1.06	0.0250	1.000	0	106	82.5	114				
Surr: Dibromofluoromethane	1.30		1.250		104	85.2	113				
Surr: Toluene-d8	1.25		1.250		99.6	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.32		1.250		106	88.6	109				

Sample ID: **MB-30169** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **MBLKS** Batch ID: **30169** Analysis Date: **10/27/2020** SeqNo: **1262703**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2010424
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-30169** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **MBLKS** Batch ID: **30169** Analysis Date: **10/27/2020** SeqNo: **1262703**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.20		1.250		96.1	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.1	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.24		1.250		99.2	88.6	109				

Sample ID: **2010304-020BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **BATCH** Batch ID: **30169** Analysis Date: **10/27/2020** SeqNo: **1262688**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0205						0		30	
1,1-Dichloroethene	ND	0.0205						0		30	
trans-1,2-Dichloroethene	ND	0.0205						0		30	
cis-1,2-Dichloroethene	ND	0.0205						0		30	
Benzene	ND	0.0205						0		30	
Trichloroethene (TCE)	ND	0.0205						0		30	
Toluene	ND	0.0205						0		30	
Tetrachloroethene (PCE)	ND	0.0205						0		30	
Ethylbenzene	ND	0.0256						0		30	
m,p-Xylene	ND	0.0513						0		30	
o-Xylene	ND	0.0256						0		30	
Surr: Dibromofluoromethane	1.25		1.282		97.4	85.2	113		0		
Surr: Toluene-d8	1.26		1.282		98.3	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.25		1.282		97.6	88.6	109		0		

Sample ID: **2010424-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **B-P47-P28-47-S** Batch ID: **30169** Analysis Date: **10/27/2020** SeqNo: **1262695**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0294						0		30	
1,1-Dichloroethene	ND	0.0294						0		30	

Work Order: 2010424
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010424-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **B-P47-P28-47-S** Batch ID: **30169** Analysis Date: **10/27/2020** SeqNo: **1262695**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0294						0		30	
cis-1,2-Dichloroethene	ND	0.0294						0		30	
Benzene	ND	0.0294						0		30	
Trichloroethene (TCE)	ND	0.0294						0		30	
Toluene	ND	0.0294						0		30	
Tetrachloroethene (PCE)	ND	0.0294						0		30	
Ethylbenzene	ND	0.0368						0		30	
m,p-Xylene	ND	0.0736						0		30	
o-Xylene	ND	0.0368						0		30	
Surr: Dibromofluoromethane	1.79		1.840		97.2	85.2	113		0		
Surr: Toluene-d8	1.82		1.840		99.1	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.78		1.840		97.0	88.6	109		0		

Sample ID: **2010385-006BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **BATCH** Batch ID: **30169** Analysis Date: **10/28/2020** SeqNo: **1262692**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.09	0.0215	1.075	0	101	52.8	150				
1,1-Dichloroethene	1.08	0.0215	1.075	0	100	62.9	149				
trans-1,2-Dichloroethene	1.05	0.0215	1.075	0	97.9	73.1	130				
cis-1,2-Dichloroethene	1.06	0.0215	1.075	0	99.0	77.5	125				
Benzene	1.10	0.0215	1.075	0	103	74.6	126				
Trichloroethene (TCE)	1.08	0.0215	1.075	0	100	72	133				
Toluene	1.06	0.0215	1.075	0	98.2	72.6	127				
Tetrachloroethene (PCE)	1.04	0.0215	1.075	0	96.8	72.7	128				
Ethylbenzene	1.09	0.0269	1.075	0	101	77.3	126				
m,p-Xylene	2.16	0.0537	2.150	0.01735	99.7	78.5	126				
o-Xylene	1.09	0.0269	1.075	0.01071	100	79.4	123				
Surr: Dibromofluoromethane	1.38		1.343		102	85.2	113				
Surr: Toluene-d8	1.33		1.343		98.7	88.5	110				

Work Order: 2010424
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010385-006BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **BATCH** Batch ID: **30169** Analysis Date: **10/28/2020** SeqNo: **1262692**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	1.40		1.343		104	88.6	109				

Sample ID: **2010385-006BMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/27/2020** RunNo: **62907**
Client ID: **BATCH** Batch ID: **30169** Analysis Date: **10/28/2020** SeqNo: **1262693**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.05	0.0215	1.075	0	98.1	52.8	150	1.087	3.06	30	
1,1-Dichloroethene	1.02	0.0215	1.075	0	95.0	62.9	149	1.077	5.32	30	
trans-1,2-Dichloroethene	1.05	0.0215	1.075	0	97.9	73.1	130	1.052	0.0351	30	
cis-1,2-Dichloroethene	1.07	0.0215	1.075	0	99.4	77.5	125	1.064	0.396	30	
Benzene	1.09	0.0215	1.075	0	102	74.6	126	1.102	0.671	30	
Trichloroethene (TCE)	1.05	0.0215	1.075	0	97.6	72	133	1.075	2.44	30	
Toluene	1.05	0.0215	1.075	0	98.0	72.6	127	1.056	0.296	30	
Tetrachloroethene (PCE)	1.04	0.0215	1.075	0	96.3	72.7	128	1.041	0.521	30	
Ethylbenzene	1.07	0.0269	1.075	0	99.4	77.3	126	1.086	1.60	30	
m,p-Xylene	2.16	0.0537	2.150	0.01735	99.5	78.5	126	2.159	0.183	30	
o-Xylene	1.05	0.0269	1.075	0.01071	96.6	79.4	123	1.087	3.61	30	
Surr: Dibromofluoromethane	1.41		1.343		105	85.2	113		0		
Surr: Toluene-d8	1.33		1.343		99.2	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.41		1.343		105	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010424**
Logged by:	**Matt Langston**	Date Received:	**10/26/2020 3:04:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample	0.9

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/26/2020 Page: 1 of: 1
Laboratory Project No (internal): 2010424
Project Name: Maddux South
Special Remarks:
Project No: 160324
Client: Aspect Consulting
Collected by: DWU
Address: 710 2nd Ave. Ste. 550
Location: Maddux South
City, State, Zip: Seattle, WA. 98104
Report To (PM): A. Yorkatski
Telephone: (206) 413-5411
Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)
Fax:
PM Email: ayorkatski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	VOCs 8260	Comments
1	B-P47-P28-47-S	10/26/20	1010	S		X				X								X		
2	B-P47-P30-47-S	↓	1020	↓		↓				↓								↓		
3	Trip Blank	—	—	W		↓												↓		
4																				
5																				
6																				
7																				
8																				
9																				
10																				

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Kat Beal	10/26/20 1446	x 10/26/2020 Ryan Zuttull	15:04
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:
☐ Standard
☐ 3 Day
☐ 2 Day
☒ Next Day
Same Day ____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux South
Work Order Number: 2010456

October 29, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 7 sample(s) on 10/28/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/29/2020*

CLIENT: Aspect Consulting
Project: Maddux South
Work Order: 2010456

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010456-001	B-P45-P28-50-S	10/27/2020 1:20 PM	10/28/2020 8:46 AM
2010456-002	B-P45-P28-48-S	10/27/2020 1:30 PM	10/28/2020 8:46 AM
2010456-003	B-P30-P19-44-S	10/27/2020 1:40 PM	10/28/2020 8:46 AM
2010456-004	B-P30-P20.5-44-S	10/27/2020 1:45 PM	10/28/2020 8:46 AM
2010456-005	B-P30-P19-42-S	10/27/2020 1:55 PM	10/28/2020 8:46 AM
2010456-006	B-P30-P20.5-42-S	10/27/2020 2:00 PM	10/28/2020 8:46 AM
2010456-007	Trip Blank	10/26/2020 1:38 PM	10/28/2020 8:46 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010456**
Date: **10/29/2020**

CLIENT: Aspect Consulting
Project: Maddux South

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010456**
Date Reported: **10/29/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010456-001 **Collection Date:** 10/27/2020 1:20:00 PM
Client Sample ID: **B-P45-P28-50-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30194		Analyst: DW
Diesel (Fuel Oil)	ND	21.6		mg/Kg-dry	1	10/28/2020 10:40:52 PM
Heavy Oil	1,090	53.9		mg/Kg-dry	1	10/28/2020 10:40:52 PM
Surr: 2-Fluorobiphenyl	85.6	50 - 150		%Rec	1	10/28/2020 10:40:52 PM
Surr: o-Terphenyl	93.8	50 - 150		%Rec	1	10/28/2020 10:40:52 PM
Gasoline by NWTPH-Gx				Batch ID: 30190		Analyst: KT
Gasoline	ND	6.23		mg/Kg-dry	1	10/28/2020 5:34:21 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/28/2020 5:34:21 PM
Surr: 4-Bromofluorobenzene	92.6	65 - 135		%Rec	1	10/28/2020 5:34:21 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30190		Analyst: KT
Vinyl chloride	ND	0.0249		mg/Kg-dry	1	10/28/2020 5:34:21 PM
1,1-Dichloroethene	ND	0.0249		mg/Kg-dry	1	10/28/2020 5:34:21 PM
trans-1,2-Dichloroethene	ND	0.0249		mg/Kg-dry	1	10/28/2020 5:34:21 PM
cis-1,2-Dichloroethene	ND	0.0249		mg/Kg-dry	1	10/28/2020 5:34:21 PM
Benzene	ND	0.0249		mg/Kg-dry	1	10/28/2020 5:34:21 PM
Trichloroethene (TCE)	ND	0.0249		mg/Kg-dry	1	10/28/2020 5:34:21 PM
Toluene	ND	0.0249		mg/Kg-dry	1	10/28/2020 5:34:21 PM
Tetrachloroethene (PCE)	0.223	0.0249		mg/Kg-dry	1	10/28/2020 5:34:21 PM
Ethylbenzene	ND	0.0312		mg/Kg-dry	1	10/28/2020 5:34:21 PM
m,p-Xylene	ND	0.0623		mg/Kg-dry	1	10/28/2020 5:34:21 PM
o-Xylene	ND	0.0312		mg/Kg-dry	1	10/28/2020 5:34:21 PM
Surr: Dibromofluoromethane	96.4	85.2 - 113		%Rec	1	10/28/2020 5:34:21 PM
Surr: Toluene-d8	99.9	88.5 - 110		%Rec	1	10/28/2020 5:34:21 PM
Surr: 1-Bromo-4-fluorobenzene	99.9	88.6 - 109		%Rec	1	10/28/2020 5:34:21 PM
Sample Moisture (Percent Moisture)				Batch ID: R62910		Analyst: RL
Percent Moisture	14.9	0.500		wt%	1	10/28/2020 9:57:43 AM

Analytical Report

Work Order: **2010456**
Date Reported: **10/29/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010456-002 **Collection Date:** 10/27/2020 1:30:00 PM
Client Sample ID: **B-P45-P28-48-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30194		Analyst: DW
Diesel (Fuel Oil)	ND	21.8		mg/Kg-dry	1	10/28/2020 11:10:45 PM
Heavy Oil	ND	54.6		mg/Kg-dry	1	10/29/2020 11:09:04 AM
Surr: 2-Fluorobiphenyl	88.1	50 - 150		%Rec	1	10/28/2020 11:10:45 PM
Surr: o-Terphenyl	97.3	50 - 150		%Rec	1	10/28/2020 11:10:45 PM
Gasoline by NWTPH-Gx				Batch ID: 30190		Analyst: KT
Gasoline	ND	4.62		mg/Kg-dry	1	10/28/2020 6:04:32 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/28/2020 6:04:32 PM
Surr: 4-Bromofluorobenzene	92.3	65 - 135		%Rec	1	10/28/2020 6:04:32 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30190		Analyst: KT
Vinyl chloride	ND	0.0185		mg/Kg-dry	1	10/28/2020 6:04:32 PM
1,1-Dichloroethene	ND	0.0185		mg/Kg-dry	1	10/28/2020 6:04:32 PM
trans-1,2-Dichloroethene	ND	0.0185		mg/Kg-dry	1	10/28/2020 6:04:32 PM
cis-1,2-Dichloroethene	ND	0.0185		mg/Kg-dry	1	10/28/2020 6:04:32 PM
Benzene	ND	0.0185		mg/Kg-dry	1	10/28/2020 6:04:32 PM
Trichloroethene (TCE)	ND	0.0185		mg/Kg-dry	1	10/28/2020 6:04:32 PM
Toluene	ND	0.0185		mg/Kg-dry	1	10/28/2020 6:04:32 PM
Tetrachloroethene (PCE)	ND	0.0185		mg/Kg-dry	1	10/28/2020 6:04:32 PM
Ethylbenzene	ND	0.0231		mg/Kg-dry	1	10/28/2020 6:04:32 PM
m,p-Xylene	ND	0.0462		mg/Kg-dry	1	10/28/2020 6:04:32 PM
o-Xylene	ND	0.0231		mg/Kg-dry	1	10/28/2020 6:04:32 PM
Surr: Dibromofluoromethane	98.1	85.2 - 113		%Rec	1	10/28/2020 6:04:32 PM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	10/28/2020 6:04:32 PM
Surr: 1-Bromo-4-fluorobenzene	99.7	88.6 - 109		%Rec	1	10/28/2020 6:04:32 PM
Sample Moisture (Percent Moisture)				Batch ID: R62910		Analyst: RL
Percent Moisture	11.9	0.500		wt%	1	10/28/2020 9:57:43 AM

Analytical Report

Work Order: **2010456**
Date Reported: **10/29/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010456-003 **Collection Date:** 10/27/2020 1:40:00 PM
Client Sample ID: **B-P30-P19-44-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30194		Analyst: DW
Diesel (Fuel Oil)	ND	20.0		mg/Kg-dry	1	10/28/2020 11:40:41 PM
Heavy Oil	ND	49.9		mg/Kg-dry	1	10/28/2020 11:40:41 PM
Surr: 2-Fluorobiphenyl	87.9	50 - 150		%Rec	1	10/28/2020 11:40:41 PM
Surr: o-Terphenyl	95.5	50 - 150		%Rec	1	10/28/2020 11:40:41 PM
Gasoline by NWTPH-Gx				Batch ID: 30190		Analyst: KT
Gasoline	ND	5.54		mg/Kg-dry	1	10/28/2020 6:34:39 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/28/2020 6:34:39 PM
Surr: 4-Bromofluorobenzene	91.6	65 - 135		%Rec	1	10/28/2020 6:34:39 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30190		Analyst: KT
Vinyl chloride	ND	0.0222		mg/Kg-dry	1	10/28/2020 6:34:39 PM
1,1-Dichloroethene	ND	0.0222		mg/Kg-dry	1	10/28/2020 6:34:39 PM
trans-1,2-Dichloroethene	ND	0.0222		mg/Kg-dry	1	10/28/2020 6:34:39 PM
cis-1,2-Dichloroethene	ND	0.0222		mg/Kg-dry	1	10/28/2020 6:34:39 PM
Benzene	ND	0.0222		mg/Kg-dry	1	10/28/2020 6:34:39 PM
Trichloroethene (TCE)	0.0768	0.0222		mg/Kg-dry	1	10/28/2020 6:34:39 PM
Toluene	ND	0.0222		mg/Kg-dry	1	10/28/2020 6:34:39 PM
Tetrachloroethene (PCE)	0.310	0.0222		mg/Kg-dry	1	10/28/2020 6:34:39 PM
Ethylbenzene	ND	0.0277		mg/Kg-dry	1	10/28/2020 6:34:39 PM
m,p-Xylene	ND	0.0554		mg/Kg-dry	1	10/28/2020 6:34:39 PM
o-Xylene	ND	0.0277		mg/Kg-dry	1	10/28/2020 6:34:39 PM
Surr: Dibromofluoromethane	96.7	85.2 - 113		%Rec	1	10/28/2020 6:34:39 PM
Surr: Toluene-d8	101	88.5 - 110		%Rec	1	10/28/2020 6:34:39 PM
Surr: 1-Bromo-4-fluorobenzene	98.7	88.6 - 109		%Rec	1	10/28/2020 6:34:39 PM
Sample Moisture (Percent Moisture)				Batch ID: R62910		Analyst: RL
Percent Moisture	12.5	0.500		wt%	1	10/28/2020 9:57:43 AM

Analytical Report

Work Order: **2010456**
Date Reported: **10/29/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010456-004 **Collection Date:** 10/27/2020 1:45:00 PM
Client Sample ID: **B-P30-P20.5-44-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30194		Analyst: DW
Diesel (Fuel Oil)	ND	21.7		mg/Kg-dry	1	10/29/2020 12:10:35 AM
Heavy Oil	ND	54.3		mg/Kg-dry	1	10/29/2020 12:10:35 AM
Surr: 2-Fluorobiphenyl	83.5	50 - 150		%Rec	1	10/29/2020 12:10:35 AM
Surr: o-Terphenyl	91.4	50 - 150		%Rec	1	10/29/2020 12:10:35 AM
Gasoline by NWTPH-Gx				Batch ID: 30190		Analyst: KT
Gasoline	ND	4.86		mg/Kg-dry	1	10/28/2020 7:04:48 PM
Surr: Toluene-d8	102	65 - 135		%Rec	1	10/28/2020 7:04:48 PM
Surr: 4-Bromofluorobenzene	92.9	65 - 135		%Rec	1	10/28/2020 7:04:48 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30190		Analyst: KT
Vinyl chloride	ND	0.0194		mg/Kg-dry	1	10/28/2020 7:04:48 PM
1,1-Dichloroethene	ND	0.0194		mg/Kg-dry	1	10/28/2020 7:04:48 PM
trans-1,2-Dichloroethene	ND	0.0194		mg/Kg-dry	1	10/28/2020 7:04:48 PM
cis-1,2-Dichloroethene	ND	0.0194		mg/Kg-dry	1	10/28/2020 7:04:48 PM
Benzene	ND	0.0194		mg/Kg-dry	1	10/28/2020 7:04:48 PM
Trichloroethene (TCE)	0.0350	0.0194		mg/Kg-dry	1	10/28/2020 7:04:48 PM
Toluene	ND	0.0194		mg/Kg-dry	1	10/28/2020 7:04:48 PM
Tetrachloroethene (PCE)	0.189	0.0194		mg/Kg-dry	1	10/28/2020 7:04:48 PM
Ethylbenzene	ND	0.0243		mg/Kg-dry	1	10/28/2020 7:04:48 PM
m,p-Xylene	ND	0.0486		mg/Kg-dry	1	10/28/2020 7:04:48 PM
o-Xylene	ND	0.0243		mg/Kg-dry	1	10/28/2020 7:04:48 PM
Surr: Dibromofluoromethane	98.0	85.2 - 113		%Rec	1	10/28/2020 7:04:48 PM
Surr: Toluene-d8	100	88.5 - 110		%Rec	1	10/28/2020 7:04:48 PM
Surr: 1-Bromo-4-fluorobenzene	100	88.6 - 109		%Rec	1	10/28/2020 7:04:48 PM
Sample Moisture (Percent Moisture)				Batch ID: R62910		Analyst: RL
Percent Moisture	17.9	0.500		wt%	1	10/28/2020 9:57:43 AM

Analytical Report

Work Order: **2010456**
Date Reported: **10/29/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010456-005 **Collection Date:** 10/27/2020 1:55:00 PM
Client Sample ID: **B-P30-P19-42-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30194		Analyst: DW
Diesel (Fuel Oil)	ND	20.0		mg/Kg-dry	1	10/29/2020 12:40:23 AM
Heavy Oil	ND	50.0		mg/Kg-dry	1	10/29/2020 12:40:23 AM
Surr: 2-Fluorobiphenyl	87.5	50 - 150		%Rec	1	10/29/2020 12:40:23 AM
Surr: o-Terphenyl	95.0	50 - 150		%Rec	1	10/29/2020 12:40:23 AM
Gasoline by NWTPH-Gx				Batch ID: 30190		Analyst: KT
Gasoline	ND	5.90		mg/Kg-dry	1	10/28/2020 7:34:56 PM
Surr: Toluene-d8	102	65 - 135		%Rec	1	10/28/2020 7:34:56 PM
Surr: 4-Bromofluorobenzene	92.3	65 - 135		%Rec	1	10/28/2020 7:34:56 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30190		Analyst: KT
Vinyl chloride	ND	0.0236		mg/Kg-dry	1	10/28/2020 7:34:56 PM
1,1-Dichloroethene	ND	0.0236		mg/Kg-dry	1	10/28/2020 7:34:56 PM
trans-1,2-Dichloroethene	ND	0.0236		mg/Kg-dry	1	10/28/2020 7:34:56 PM
cis-1,2-Dichloroethene	ND	0.0236		mg/Kg-dry	1	10/28/2020 7:34:56 PM
Benzene	ND	0.0236		mg/Kg-dry	1	10/28/2020 7:34:56 PM
Trichloroethene (TCE)	ND	0.0236		mg/Kg-dry	1	10/28/2020 7:34:56 PM
Toluene	ND	0.0236		mg/Kg-dry	1	10/28/2020 7:34:56 PM
Tetrachloroethene (PCE)	ND	0.0236		mg/Kg-dry	1	10/28/2020 7:34:56 PM
Ethylbenzene	ND	0.0295		mg/Kg-dry	1	10/28/2020 7:34:56 PM
m,p-Xylene	ND	0.0590		mg/Kg-dry	1	10/28/2020 7:34:56 PM
o-Xylene	ND	0.0295		mg/Kg-dry	1	10/28/2020 7:34:56 PM
Surr: Dibromofluoromethane	96.7	85.2 - 113		%Rec	1	10/28/2020 7:34:56 PM
Surr: Toluene-d8	101	88.5 - 110		%Rec	1	10/28/2020 7:34:56 PM
Surr: 1-Bromo-4-fluorobenzene	99.5	88.6 - 109		%Rec	1	10/28/2020 7:34:56 PM
Sample Moisture (Percent Moisture)				Batch ID: R62910		Analyst: RL
Percent Moisture	12.1	0.500		wt%	1	10/28/2020 9:57:43 AM

Analytical Report

Work Order: **2010456**
Date Reported: **10/29/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010456-006 **Collection Date:** 10/27/2020 2:00:00 PM
Client Sample ID: **B-P30-P20.5-42-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30194		Analyst: DW
Diesel (Fuel Oil)	ND	19.7		mg/Kg-dry	1	10/29/2020 1:10:15 AM
Heavy Oil	ND	49.2		mg/Kg-dry	1	10/29/2020 1:10:15 AM
Surr: 2-Fluorobiphenyl	89.6	50 - 150		%Rec	1	10/29/2020 1:10:15 AM
Surr: o-Terphenyl	97.9	50 - 150		%Rec	1	10/29/2020 1:10:15 AM
Gasoline by NWTPH-Gx				Batch ID: 30190		Analyst: KT
Gasoline	ND	4.91		mg/Kg-dry	1	10/28/2020 8:05:03 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/28/2020 8:05:03 PM
Surr: 4-Bromofluorobenzene	91.7	65 - 135		%Rec	1	10/28/2020 8:05:03 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30190		Analyst: KT
Vinyl chloride	ND	0.0196		mg/Kg-dry	1	10/28/2020 8:05:03 PM
1,1-Dichloroethene	ND	0.0196		mg/Kg-dry	1	10/28/2020 8:05:03 PM
trans-1,2-Dichloroethene	ND	0.0196		mg/Kg-dry	1	10/28/2020 8:05:03 PM
cis-1,2-Dichloroethene	ND	0.0196		mg/Kg-dry	1	10/28/2020 8:05:03 PM
Benzene	ND	0.0196		mg/Kg-dry	1	10/28/2020 8:05:03 PM
Trichloroethene (TCE)	0.0245	0.0196		mg/Kg-dry	1	10/28/2020 8:05:03 PM
Toluene	ND	0.0196		mg/Kg-dry	1	10/28/2020 8:05:03 PM
Tetrachloroethene (PCE)	0.179	0.0196		mg/Kg-dry	1	10/28/2020 8:05:03 PM
Ethylbenzene	ND	0.0246		mg/Kg-dry	1	10/28/2020 8:05:03 PM
m,p-Xylene	ND	0.0491		mg/Kg-dry	1	10/28/2020 8:05:03 PM
o-Xylene	ND	0.0246		mg/Kg-dry	1	10/28/2020 8:05:03 PM
Surr: Dibromofluoromethane	97.5	85.2 - 113		%Rec	1	10/28/2020 8:05:03 PM
Surr: Toluene-d8	99.9	88.5 - 110		%Rec	1	10/28/2020 8:05:03 PM
Surr: 1-Bromo-4-fluorobenzene	98.9	88.6 - 109		%Rec	1	10/28/2020 8:05:03 PM
Sample Moisture (Percent Moisture)				Batch ID: R62910		Analyst: RL
Percent Moisture	14.9	0.500		wt%	1	10/28/2020 9:57:43 AM

Analytical Report

Work Order: **2010456**
Date Reported: **10/29/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010456-007 **Collection Date:** 10/26/2020 1:38:00 PM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Gasoline by NWTPH-Gx				Batch ID: 30190		Analyst: KT
Gasoline	ND	5.00		mg/Kg	1	10/28/2020 2:33:36 PM
Surr: Toluene-d8	102	65 - 135		%Rec	1	10/28/2020 2:33:36 PM
Surr: 4-Bromofluorobenzene	91.1	65 - 135		%Rec	1	10/28/2020 2:33:36 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30190		Analyst: KT
Vinyl chloride	ND	0.0200		mg/Kg	1	10/28/2020 2:33:36 PM
1,1-Dichloroethene	ND	0.0200		mg/Kg	1	10/28/2020 2:33:36 PM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/28/2020 2:33:36 PM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/28/2020 2:33:36 PM
Benzene	ND	0.0200		mg/Kg	1	10/28/2020 2:33:36 PM
Trichloroethene (TCE)	ND	0.0200		mg/Kg	1	10/28/2020 2:33:36 PM
Toluene	ND	0.0200		mg/Kg	1	10/28/2020 2:33:36 PM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg	1	10/28/2020 2:33:36 PM
Ethylbenzene	ND	0.0250		mg/Kg	1	10/28/2020 2:33:36 PM
m,p-Xylene	ND	0.0500		mg/Kg	1	10/28/2020 2:33:36 PM
o-Xylene	ND	0.0250		mg/Kg	1	10/28/2020 2:33:36 PM
Surr: Dibromofluoromethane	95.6	85.2 - 113		%Rec	1	10/28/2020 2:33:36 PM
Surr: Toluene-d8	101	88.5 - 110		%Rec	1	10/28/2020 2:33:36 PM
Surr: 1-Bromo-4-fluorobenzene	98.2	88.6 - 109		%Rec	1	10/28/2020 2:33:36 PM

Work Order: 2010456
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-30194**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/28/2020**	RunNo: **62960**
Client ID: **MBLKS**	Batch ID: **30194**		Analysis Date: **10/28/2020**	SeqNo: **1263723**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	18.7		20.00		93.6	50	150				
Surr: o-Terphenyl	19.8		20.00		99.2	50	150				

Sample ID: **LCS-30194**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/28/2020**	RunNo: **62960**
Client ID: **LCSS**	Batch ID: **30194**		Analysis Date: **10/28/2020**	SeqNo: **1263724**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	462	20.0	500.0	0	92.4	65	135				
Surr: 2-Fluorobiphenyl	20.7		20.00		104	50	150				
Surr: o-Terphenyl	22.4		20.00		112	50	150				

Sample ID: **2010402-003AMS**	SampType: **MS**	Units: **mg/Kg**	Prep Date: **10/28/2020**	RunNo: **62960**
Client ID: **BATCH**	Batch ID: **30194**		Analysis Date: **10/29/2020**	SeqNo: **1263740**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	499	35.4	442.1	6.335	111	65	135				
Surr: 2-Fluorobiphenyl	23.2		17.68		131	50	150				
Surr: o-Terphenyl	25.5		17.68		144	50	150				

Sample ID: **2010402-003AMSD**	SampType: **MSD**	Units: **mg/Kg**	Prep Date: **10/28/2020**	RunNo: **62960**
Client ID: **BATCH**	Batch ID: **30194**		Analysis Date: **10/29/2020**	SeqNo: **1263741**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	439	17.9	447.2	6.335	96.7	65	135	498.7	12.8	30	
Surr: 2-Fluorobiphenyl	16.6		17.89		92.7	50	150		0		
Surr: o-Terphenyl	18.9		17.89		105	50	150		0		

Work Order: 2010456
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-30190**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/28/2020**	RunNo: **62947**
Client ID: **LCSS**	Batch ID: **30190**		Analysis Date: **10/28/2020**	SeqNo: **1263467**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	25.9	5.00	25.00	0	104	65	135				
Surr: Toluene-d8	1.27		1.250		102	65	135				
Surr: 4-Bromofluorobenzene	1.23		1.250		98.1	65	135				

Sample ID: **MB-30190**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/28/2020**	RunNo: **62947**
Client ID: **MBLKS**	Batch ID: **30190**		Analysis Date: **10/28/2020**	SeqNo: **1263468**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.27		1.250		101	65	135				
Surr: 4-Bromofluorobenzene	1.16		1.250		92.6	65	135				

Sample ID: **2010259-016BDUP**	SampType: **DUP**	Units: **mg/Kg**	Prep Date: **10/28/2020**	RunNo: **62947**
Client ID: **BATCH**	Batch ID: **30190**		Analysis Date: **10/28/2020**	SeqNo: **1263447**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.22						0		30	
Surr: Toluene-d8	1.32		1.304		101	65	135		0		
Surr: 4-Bromofluorobenzene	1.20		1.304		92.3	65	135		0		

Sample ID: **2010456-006BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/28/2020**	RunNo: **62947**
Client ID: **B-P30-P20.5-42-S**	Batch ID: **30190**		Analysis Date: **10/28/2020**	SeqNo: **1263462**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.91						0		30	
Surr: Toluene-d8	1.25		1.228		101	65	135		0		
Surr: 4-Bromofluorobenzene	1.13		1.228		91.7	65	135		0		

Work Order: 2010456
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2010259-041BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **10/28/2020** RunNo: **62947**
Client ID: **BATCH** Batch ID: **30190** Analysis Date: **10/28/2020** SeqNo: **1263455**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	31.0	4.83	24.17	5.134	107	65	135				
Surr: Toluene-d8	1.25		1.208		104	65	135				
Surr: 4-Bromofluorobenzene	1.20		1.208		99.7	65	135				

Work Order: 2010456
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30190** SampType: **LCS** Units: **µg/L** Prep Date: **10/28/2020** RunNo: **62944**
Client ID: **LCSS** Batch ID: **30190** Analysis Date: **10/28/2020** SeqNo: **1263431**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.816	0.0200	1.000	0	81.6	66	131				
1,1-Dichloroethene	0.941	0.0200	1.000	0	94.1	63.4	139				
trans-1,2-Dichloroethene	0.952	0.0200	1.000	0	95.2	80.5	116				
cis-1,2-Dichloroethene	0.962	0.0200	1.000	0	96.2	81.8	114				
Benzene	0.990	0.0200	1.000	0	99.0	79.4	116				
Trichloroethene (TCE)	0.917	0.0200	1.000	0	91.7	80.8	117				
Toluene	1.01	0.0200	1.000	0	101	80.5	115				
Tetrachloroethene (PCE)	0.968	0.0200	1.000	0	96.8	81.8	116				
Ethylbenzene	0.993	0.0250	1.000	0	99.3	81.6	116				
m,p-Xylene	2.01	0.0500	2.000	0	100	83.2	115				
o-Xylene	0.995	0.0250	1.000	0	99.5	82.5	114				
Surr: Dibromofluoromethane	1.30		1.250		104	85.2	113				
Surr: Toluene-d8	1.26		1.250		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.29		1.250		103	88.6	109				

Sample ID: **MB-30190** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/28/2020** RunNo: **62944**
Client ID: **MBLKS** Batch ID: **30190** Analysis Date: **10/28/2020** SeqNo: **1263398**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2010456
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-30190**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/28/2020**	RunNo: **62944**
Client ID: **MBLKS**	Batch ID: **30190**		Analysis Date: **10/28/2020**	SeqNo: **1263398**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.19		1.250		95.4	85.2	113				
Surr: Toluene-d8	1.26		1.250		100	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		100	88.6	109				

Sample ID: **2010259-016BDUP**	SampType: **DUP**	Units: **mg/Kg**	Prep Date: **10/28/2020**	RunNo: **62944**
Client ID: **BATCH**	Batch ID: **30190**		Analysis Date: **10/28/2020**	SeqNo: **1263381**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0209						0		30	
1,1-Dichloroethene	ND	0.0209						0		30	
trans-1,2-Dichloroethene	ND	0.0209						0		30	
cis-1,2-Dichloroethene	ND	0.0209						0		30	
Benzene	ND	0.0209						0		30	
Trichloroethene (TCE)	ND	0.0209						0		30	
Toluene	ND	0.0209						0		30	
Tetrachloroethene (PCE)	ND	0.0209						0		30	
Ethylbenzene	ND	0.0261						0		30	
m,p-Xylene	ND	0.0522						0		30	
o-Xylene	ND	0.0261						0		30	
Surr: Dibromofluoromethane	1.27		1.304		97.7	85.2	113		0		
Surr: Toluene-d8	1.31		1.304		101	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.30		1.304		99.5	88.6	109		0		

Sample ID: **2010456-006BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/28/2020**	RunNo: **62944**
Client ID: **B-P30-P20.5-42-S**	Batch ID: **30190**		Analysis Date: **10/28/2020**	SeqNo: **1263394**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0196						0		30	
1,1-Dichloroethene	ND	0.0196						0		30	

Work Order: 2010456
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010456-006BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/28/2020** RunNo: **62944**
Client ID: **B-P30-P20.5-42-S** Batch ID: **30190** Analysis Date: **10/28/2020** SeqNo: **1263394**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0196						0		30	
cis-1,2-Dichloroethene	ND	0.0196						0		30	
Benzene	ND	0.0196						0		30	
Trichloroethene (TCE)	0.0233	0.0196						0.02445	4.65	30	
Toluene	ND	0.0196						0		30	
Tetrachloroethene (PCE)	0.183	0.0196						0.1788	2.26	30	
Ethylbenzene	ND	0.0246						0		30	
m,p-Xylene	ND	0.0491						0		30	
o-Xylene	ND	0.0246						0		30	
Surr: Dibromofluoromethane	1.20		1.228		97.9	85.2	113		0		
Surr: Toluene-d8	1.24		1.228		101	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.22		1.228		99.0	88.6	109		0		

Sample ID: **2010259-037BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **10/28/2020** RunNo: **62944**
Client ID: **BATCH** Batch ID: **30190** Analysis Date: **10/28/2020** SeqNo: **1263385**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.781	0.0206	1.032	0	75.7	52.8	150				
1,1-Dichloroethene	0.964	0.0206	1.032	0	93.4	62.9	149				
trans-1,2-Dichloroethene	1.00	0.0206	1.032	0	97.1	73.1	130				
cis-1,2-Dichloroethene	1.02	0.0206	1.032	0	99.1	77.5	125				
Benzene	1.04	0.0206	1.032	0	100	74.6	126				
Trichloroethene (TCE)	0.929	0.0206	1.032	0	90.0	72	133				
Toluene	1.04	0.0206	1.032	0	101	72.6	127				
Tetrachloroethene (PCE)	0.986	0.0206	1.032	0	95.6	72.7	128				
Ethylbenzene	1.03	0.0258	1.032	0	100	77.3	126				
m,p-Xylene	2.08	0.0516	2.063	0	101	78.5	126				
o-Xylene	1.05	0.0258	1.032	0	101	79.4	123				
Surr: Dibromofluoromethane	1.36		1.289		106	85.2	113				
Surr: Toluene-d8	1.31		1.289		102	88.5	110				

Work Order: 2010456
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010259-037BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **10/28/2020** RunNo: **62944**
Client ID: **BATCH** Batch ID: **30190** Analysis Date: **10/28/2020** SeqNo: **1263385**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	1.35		1.289		105	88.6	109				

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010456**
Logged by:	**Clare Griggs**	Date Received:	**10/28/2020 8:46:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No ☐	Not Present	☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No ☐	NA	☐
4.	Shipping container/cooler in good condition?	Yes	☑	No ☐		
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No ☐	Not Present	☑
6.	Was an attempt made to cool the samples?	Yes	☑	No ☐	NA	☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No ☐	NA	☐
8.	Sample(s) in proper container(s)?	Yes	☑	No ☐		
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No ☐		
10.	Are samples properly preserved?	Yes	☑	No ☐		
11.	Was preservative added to bottles?	Yes	☐	No ☑	NA	☐
12.	Is there headspace in the VOA vials?	Yes	☐	No ☐	NA	☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No ☐		
14.	Does paperwork match bottle labels?	Yes	☑	No ☐		
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No ☐		
16.	Is it clear what analyses were requested?	Yes	☑	No ☐		
17.	Were all holding times able to be met?	Yes	☑	No ☐		

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No ☐	NA	☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample	4.1

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/27/20 | Page: 1 of: 1 | Laboratory Project No (internal): 2010454

Project Name: Maddux South | Special Remarks:

Client: Aspect Consulting
Project No: 160324
Address: 710 2nd Ave, Ste. 550
Collected by: DWU
City, State, Zip: Seattle, WA, 98104
Location: Maddux South
Telephone: (206) 413-5411
Report To (PM): A. Yonkofski | Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)
Fax:
PM Email: ayonkofski@aspectconsulting.com

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	CHLKS 4260			Comments
1	B-P45-P28-50-S	10/27/20	1320	S		X				X								X				
2	B-P45-P28-48-S		1330																			
3	B-P30-P19-44-S		1340																			
4	B-P30 P20.5-44-S		1345																			1 VOA broke in transit
5	B-P30-P19-42-S		1355																			
6	B-P30-P20.5-42-S		1400																			
7	Trip Blank	—	—	W																		
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/28/2020 0814	x [signature]	10/28/2020 0814
Relinquished x [signature]	10/28/2020 0814	Received x [signature]	0814 10/28/20

Turn-around Time:
- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux South
Work Order Number: 2010475

November 03, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 2 sample(s) on 10/29/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *11/03/2020*

CLIENT: Aspect Consulting
Project: Maddux South
Work Order: 2010475

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010475-001	SW-P42-55-S	10/28/2020 9:30 AM	10/29/2020 8:51 AM
2010475-002	SW-P40-50-S	10/28/2020 1:30 PM	10/29/2020 8:51 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2010475**
Date: **11/3/2020**

CLIENT: Aspect Consulting
Project: Maddux South

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010475**
Date Reported: **11/3/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010475-001 **Collection Date:** 10/28/2020 9:30:00 AM
Client Sample ID: **SW-P42-55-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30215		Analyst: DW
Diesel (Fuel Oil)	ND	20.8		mg/Kg-dry	1	10/29/2020 10:06:11 PM
Heavy Oil	ND	52.0		mg/Kg-dry	1	10/29/2020 10:06:11 PM
Surr: 2-Fluorobiphenyl	102	50 - 150		%Rec	1	10/29/2020 10:06:11 PM
Surr: o-Terphenyl	84.3	50 - 150		%Rec	1	10/29/2020 10:06:11 PM
Gasoline by NWTPH-Gx				Batch ID: 30228		Analyst: CR
Gasoline	ND	4.67		mg/Kg-dry	1	10/30/2020 9:43:25 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	10/30/2020 9:43:25 PM
Surr: 4-Bromofluorobenzene	99.6	65 - 135		%Rec	1	10/30/2020 9:43:25 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30228		Analyst: CR
Vinyl chloride	ND	0.0187		mg/Kg-dry	1	10/30/2020 9:43:25 PM
1,1-Dichloroethene	ND	0.0187		mg/Kg-dry	1	10/30/2020 9:43:25 PM
trans-1,2-Dichloroethene	ND	0.0187		mg/Kg-dry	1	10/30/2020 9:43:25 PM
cis-1,2-Dichloroethene	ND	0.0187		mg/Kg-dry	1	10/30/2020 9:43:25 PM
Benzene	ND	0.0187		mg/Kg-dry	1	10/30/2020 9:43:25 PM
Trichloroethene (TCE)	ND	0.0187		mg/Kg-dry	1	10/30/2020 9:43:25 PM
Toluene	ND	0.0187		mg/Kg-dry	1	10/30/2020 9:43:25 PM
Tetrachloroethene (PCE)	ND	0.0187		mg/Kg-dry	1	10/30/2020 9:43:25 PM
Ethylbenzene	ND	0.0234		mg/Kg-dry	1	10/30/2020 9:43:25 PM
m,p-Xylene	ND	0.0467		mg/Kg-dry	1	10/30/2020 9:43:25 PM
o-Xylene	ND	0.0234		mg/Kg-dry	1	10/30/2020 9:43:25 PM
Surr: Dibromofluoromethane	98.0	85.2 - 113		%Rec	1	10/30/2020 9:43:25 PM
Surr: Toluene-d8	99.1	88.5 - 110		%Rec	1	10/30/2020 9:43:25 PM
Surr: 1-Bromo-4-fluorobenzene	98.2	88.6 - 109		%Rec	1	10/30/2020 9:43:25 PM
Sample Moisture (Percent Moisture)				Batch ID: R63077		Analyst: RL
Percent Moisture	9.52	0.500		wt%	1	11/3/2020 9:45:13 AM

Analytical Report

Work Order: **2010475**
Date Reported: **11/3/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010475-002 **Collection Date:** 10/28/2020 1:30:00 PM
Client Sample ID: **SW-P40-50-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30215		Analyst: DW
Diesel (Fuel Oil)	ND	19.7		mg/Kg-dry	1	10/29/2020 10:35:56 PM
Heavy Oil	ND	49.3		mg/Kg-dry	1	10/29/2020 10:35:56 PM
Surr: 2-Fluorobiphenyl	104	50 - 150		%Rec	1	10/29/2020 10:35:56 PM
Surr: o-Terphenyl	86.0	50 - 150		%Rec	1	10/29/2020 10:35:56 PM
Gasoline by NWTPH-Gx				Batch ID: 30228		Analyst: CR
Gasoline	ND	6.47		mg/Kg-dry	1	10/30/2020 10:44:04 PM
Surr: Toluene-d8	99.5	65 - 135		%Rec	1	10/30/2020 10:44:04 PM
Surr: 4-Bromofluorobenzene	98.3	65 - 135		%Rec	1	10/30/2020 10:44:04 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30228		Analyst: CR
Vinyl chloride	ND	0.0259		mg/Kg-dry	1	10/30/2020 10:44:04 PM
1,1-Dichloroethene	ND	0.0259		mg/Kg-dry	1	10/30/2020 10:44:04 PM
trans-1,2-Dichloroethene	ND	0.0259		mg/Kg-dry	1	10/30/2020 10:44:04 PM
cis-1,2-Dichloroethene	ND	0.0259		mg/Kg-dry	1	10/30/2020 10:44:04 PM
Benzene	ND	0.0259		mg/Kg-dry	1	10/30/2020 10:44:04 PM
Trichloroethene (TCE)	ND	0.0259		mg/Kg-dry	1	10/30/2020 10:44:04 PM
Toluene	ND	0.0259		mg/Kg-dry	1	10/30/2020 10:44:04 PM
Tetrachloroethene (PCE)	ND	0.0259		mg/Kg-dry	1	10/30/2020 10:44:04 PM
Ethylbenzene	ND	0.0323		mg/Kg-dry	1	10/30/2020 10:44:04 PM
m,p-Xylene	ND	0.0647		mg/Kg-dry	1	10/30/2020 10:44:04 PM
o-Xylene	ND	0.0323		mg/Kg-dry	1	10/30/2020 10:44:04 PM
Surr: Dibromofluoromethane	97.1	85.2 - 113		%Rec	1	10/30/2020 10:44:04 PM
Surr: Toluene-d8	98.5	88.5 - 110		%Rec	1	10/30/2020 10:44:04 PM
Surr: 1-Bromo-4-fluorobenzene	96.8	88.6 - 109		%Rec	1	10/30/2020 10:44:04 PM
Sample Moisture (Percent Moisture)				Batch ID: R63077		Analyst: RL
Percent Moisture	12.7	0.500		wt%	1	11/3/2020 9:45:13 AM

Work Order: 2010475
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-30215**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/29/2020**	RunNo: **63002**
Client ID: **MBLKS**	Batch ID: **30215**		Analysis Date: **10/29/2020**	SeqNo: **1264557**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	16.6		20.00		83.0	50	150				
Surr: o-Terphenyl	13.7		20.00		68.4	50	150				

Sample ID: **2010476-005AMS**	SampType: **MS**	Units: **mg/Kg-dry**	Prep Date: **10/29/2020**	RunNo: **63002**
Client ID: **BATCH**	Batch ID: **30215**		Analysis Date: **10/29/2020**	SeqNo: **1264562**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	450	21.6	541.2	0	83.2	65	135				
Surr: 2-Fluorobiphenyl	18.6		21.65		86.1	50	150				
Surr: o-Terphenyl	18.5		21.65		85.5	50	150				

Sample ID: **2010476-005AMSD**	SampType: **MSD**	Units: **mg/Kg-dry**	Prep Date: **10/29/2020**	RunNo: **63002**
Client ID: **BATCH**	Batch ID: **30215**		Analysis Date: **10/29/2020**	SeqNo: **1264563**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	487	21.0	524.2	0	93.0	65	135	450.5	7.85	30	
Surr: 2-Fluorobiphenyl	17.2		20.97		81.9	50	150		0		
Surr: o-Terphenyl	17.4		20.97		82.9	50	150		0		

Sample ID: **2010259-016ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/29/2020**	RunNo: **63002**
Client ID: **BATCH**	Batch ID: **30215**		Analysis Date: **10/30/2020**	SeqNo: **1264577**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	25.1						0		30	H
Heavy Oil	ND	62.8						0		30	H
Surr: 2-Fluorobiphenyl	28.2		25.14		112	50	150		0		H
Surr: o-Terphenyl	24.0		25.14		95.6	50	150		0		H

Work Order: 2010475
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2010259-016ADUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/29/2020**	RunNo: **63002**
Client ID: **BATCH**	Batch ID: **30215**		Analysis Date: **10/30/2020**	SeqNo: **1264577**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **LCS-30215**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/29/2020**	RunNo: **63002**
Client ID: **LCSS**	Batch ID: **30215**		Analysis Date: **10/30/2020**	SeqNo: **1264578**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	483	20.0	500.0	0	96.7	65	135				
Surr: 2-Fluorobiphenyl	18.1		20.00		90.7	50	150				
Surr: o-Terphenyl	17.8		20.00		88.8	50	150				

Work Order: 2010475
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-30228** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63026**
Client ID: **LCSS** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265097**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	23.1	5.00	25.00	0	92.4	65	135				
Surr: Toluene-d8	1.23		1.250		98.6	65	135				
Surr: 4-Bromofluorobenzene	1.31		1.250		105	65	135				

Sample ID: **MB-30228** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63026**
Client ID: **MBLKS** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265098**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.25		1.250		99.7	65	135				
Surr: 4-Bromofluorobenzene	1.27		1.250		102	65	135				

Sample ID: **2010388-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/30/2020** RunNo: **63026**
Client ID: **BATCH** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265082**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.79						0		30	
Surr: Toluene-d8	1.21		1.197		101	65	135		0		
Surr: 4-Bromofluorobenzene	1.17		1.197		97.5	65	135		0		

Sample ID: **2010475-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/30/2020** RunNo: **63026**
Client ID: **SW-P42-55-S** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265084**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.67						0		30	
Surr: Toluene-d8	1.17		1.168		100	65	135		0		
Surr: 4-Bromofluorobenzene	1.13		1.168		97.0	65	135		0		

Work Order: 2010475
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2010478-001BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/30/2020** RunNo: **63026**
Client ID: **BATCH** Batch ID: **30228** Analysis Date: **10/31/2020** SeqNo: **1265087**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	33.8	6.82	34.11	0	99.1	65	135				
Surr: Toluene-d8	1.70		1.705		100	65	135				
Surr: 4-Bromofluorobenzene	1.75		1.705		103	65	135				

Work Order: 2010475
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30228** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63025**
Client ID: **LCSS** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265068**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.01	0.0200	1.000	0	101	66	131				
1,1-Dichloroethene	0.960	0.0200	1.000	0	96.0	63.4	139				
trans-1,2-Dichloroethene	0.969	0.0200	1.000	0	96.9	80.5	116				
cis-1,2-Dichloroethene	0.953	0.0200	1.000	0	95.3	81.8	114				
Benzene	0.980	0.0200	1.000	0	98.0	79.4	116				
Trichloroethene (TCE)	0.980	0.0200	1.000	0	98.0	80.8	117				
Toluene	0.950	0.0200	1.000	0	95.0	80.5	115				
Tetrachloroethene (PCE)	0.946	0.0200	1.000	0	94.6	81.8	116				
Ethylbenzene	0.974	0.0250	1.000	0	97.4	81.6	116				
m,p-Xylene	1.95	0.0500	2.000	0	97.4	83.2	115				
o-Xylene	0.975	0.0250	1.000	0	97.5	82.5	114				
Surr: Dibromofluoromethane	1.31		1.250		105	85.2	113				
Surr: Toluene-d8	1.26		1.250		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.34		1.250		107	88.6	109				

Sample ID: **MB-30228** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63025**
Client ID: **MBLKS** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265055**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2010475
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-30228** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63025**
Client ID: **MBLKS** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265055**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.23		1.250		98.5	85.2	113				
Surr: Toluene-d8	1.22		1.250		97.4	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		100	88.6	109				

Sample ID: **2010388-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/30/2020** RunNo: **63025**
Client ID: **BATCH** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265030**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0192						0		30	
1,1-Dichloroethene	ND	0.0192						0		30	
trans-1,2-Dichloroethene	ND	0.0192						0		30	
cis-1,2-Dichloroethene	ND	0.0192						0		30	
Benzene	ND	0.0192						0		30	
Trichloroethene (TCE)	ND	0.0192						0		30	
Toluene	ND	0.0192						0		30	
Tetrachloroethene (PCE)	ND	0.0192						0		30	
Ethylbenzene	ND	0.0239						0		30	
m,p-Xylene	ND	0.0479						0		30	
o-Xylene	ND	0.0239						0		30	
Surr: Dibromofluoromethane	1.17		1.197		98.0	85.2	113		0		
Surr: Toluene-d8	1.17		1.197		98.1	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.15		1.197		96.1	88.6	109		0		

Sample ID: **2010475-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/30/2020** RunNo: **63025**
Client ID: **SW-P42-55-S** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265042**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0187						0		30	
1,1-Dichloroethene	ND	0.0187						0		30	

Work Order: 2010475
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010475-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/30/2020** RunNo: **63025**
Client ID: **SW-P42-55-S** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265042**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0187						0		30	
cis-1,2-Dichloroethene	ND	0.0187						0		30	
Benzene	ND	0.0187						0		30	
Trichloroethene (TCE)	ND	0.0187						0		30	
Toluene	ND	0.0187						0		30	
Tetrachloroethene (PCE)	ND	0.0187						0		30	
Ethylbenzene	ND	0.0234						0		30	
m,p-Xylene	ND	0.0467						0		30	
o-Xylene	ND	0.0234						0		30	
Surr: Dibromofluoromethane	1.14		1.168		97.8	85.2	113		0		
Surr: Toluene-d8	1.14		1.168		97.7	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.12		1.168		95.6	88.6	109		0		

Sample ID: **2010388-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/30/2020** RunNo: **63025**
Client ID: **BATCH** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265032**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.23	0.0197	0.9833	0	126	52.8	150				
1,1-Dichloroethene	1.12	0.0197	0.9833	0	114	62.9	149				
trans-1,2-Dichloroethene	1.18	0.0197	0.9833	0	120	73.1	130				
cis-1,2-Dichloroethene	1.17	0.0197	0.9833	0	118	77.5	125				
Benzene	1.19	0.0197	0.9833	0	121	74.6	126				
Trichloroethene (TCE)	1.26	0.0197	0.9833	0	128	72	133				
Toluene	1.15	0.0197	0.9833	0	117	72.6	127				
Tetrachloroethene (PCE)	1.16	0.0197	0.9833	0	118	72.7	128				
Ethylbenzene	1.16	0.0246	0.9833	0	118	77.3	126				
m,p-Xylene	2.33	0.0492	1.967	0	119	78.5	126				
o-Xylene	1.14	0.0246	0.9833	0	116	79.4	123				
Surr: Dibromofluoromethane	1.28		1.229		104	85.2	113				
Surr: Toluene-d8	1.22		1.229		99.5	88.5	110				

Work Order: 2010475
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010388-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/30/2020** RunNo: **63025**
Client ID: **BATCH** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265032**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	1.28		1.229		104	88.6	109				

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010475**
Logged by:	**Carissa True**	Date Received:	**10/29/2020 8:51:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	2.1

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/28/2020 Page: 1 of: 1

Laboratory Project No (internal): 2010475

Project Name: Maddux South

Special Remarks:

Project No: 160324

Client: Aspect Consulting

Collected by: KB/ LEB

Address: 710 2nd Ave, Ste 550

Location: Maddux South

City, State, Zip: Seattle, WA, 98104

Report To (PM): A. Yorkutshi

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Telephone: (206) 413-5411

PM Email: ayorkutshi@aspectconsulting.com

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	CUPLS 8270	Comments
1	SW-P42-55-S	10/28/20	0930	S		X			X							X		
2	SW-P40-50-S	↓	1330	↓		↓			↓							↓		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual*: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
- ☐ Standard
- ☒ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/29/2020 0821	x [signature]	10/29/20 8:21
Relinquished x [signature]	10/29/20 08:51	Received x [signature]	10/29/20 0851

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux South
Work Order Number: 2010476

October 30, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 5 sample(s) on 10/29/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *10/30/2020*

CLIENT: Aspect Consulting
Project: Maddux South
Work Order: 2010476

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010476-001	SW-P12-55-S	10/28/2020 8:25 AM	10/29/2020 8:51 AM
2010476-002	SW-P14-50-S	10/28/2020 11:50 AM	10/29/2020 8:51 AM
2010476-003	SW-P12-50-S	10/28/2020 12:50 AM	10/29/2020 8:51 AM
2010476-004	Trip Blank	10/26/2020 1:38 PM	10/29/2020 8:51 AM
2010476-005	SW-DUP-2-S	10/28/2020 12:40 AM	10/29/2020 8:51 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010476**
Date: **10/30/2020**

CLIENT: Aspect Consulting
Project: Maddux South

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010476**
Date Reported: **10/30/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010476-001 **Collection Date:** 10/28/2020 8:25:00 AM
Client Sample ID: **SW-P12-55-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30215		Analyst: DW
Diesel (Fuel Oil)	ND	18.8		mg/Kg-dry	1	10/29/2020 7:07:35 PM
Heavy Oil	ND	47.0		mg/Kg-dry	1	10/29/2020 7:07:35 PM
Surr: 2-Fluorobiphenyl	93.8	50 - 150		%Rec	1	10/29/2020 7:07:35 PM
Surr: o-Terphenyl	75.9	50 - 150		%Rec	1	10/29/2020 7:07:35 PM
Gasoline by NWTPH-Gx				Batch ID: 30206		Analyst: TN
Gasoline	ND	5.02		mg/Kg-dry	1	10/29/2020 7:10:06 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	10/29/2020 7:10:06 PM
Surr: 4-Bromofluorobenzene	100	65 - 135		%Rec	1	10/29/2020 7:10:06 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30206		Analyst: TN
Vinyl chloride	ND	0.0201		mg/Kg-dry	1	10/29/2020 7:10:06 PM
1,1-Dichloroethene	ND	0.0201		mg/Kg-dry	1	10/29/2020 7:10:06 PM
trans-1,2-Dichloroethene	ND	0.0201		mg/Kg-dry	1	10/29/2020 7:10:06 PM
cis-1,2-Dichloroethene	ND	0.0201		mg/Kg-dry	1	10/29/2020 7:10:06 PM
Benzene	ND	0.0201		mg/Kg-dry	1	10/29/2020 7:10:06 PM
Trichloroethene (TCE)	ND	0.0201		mg/Kg-dry	1	10/29/2020 7:10:06 PM
Toluene	ND	0.0201		mg/Kg-dry	1	10/29/2020 7:10:06 PM
Tetrachloroethene (PCE)	ND	0.0201		mg/Kg-dry	1	10/29/2020 7:10:06 PM
Ethylbenzene	ND	0.0251		mg/Kg-dry	1	10/29/2020 7:10:06 PM
m,p-Xylene	ND	0.0502		mg/Kg-dry	1	10/29/2020 7:10:06 PM
o-Xylene	ND	0.0251		mg/Kg-dry	1	10/29/2020 7:10:06 PM
Surr: Dibromofluoromethane	97.7	85.2 - 113		%Rec	1	10/29/2020 7:10:06 PM
Surr: Toluene-d8	97.6	88.5 - 110		%Rec	1	10/29/2020 7:10:06 PM
Surr: 1-Bromo-4-fluorobenzene	98.6	88.6 - 109		%Rec	1	10/29/2020 7:10:06 PM
Sample Moisture (Percent Moisture)				Batch ID: R62987		Analyst: CJ
Percent Moisture	10.1	0.500		wt%	1	10/30/2020 9:12:43 AM

Analytical Report

Work Order: **2010476**
Date Reported: **10/30/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010476-002 **Collection Date:** 10/28/2020 11:50:00 AM
Client Sample ID: **SW-P14-50-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30215		Analyst: DW
Diesel (Fuel Oil)	ND	21.4		mg/Kg-dry	1	10/29/2020 7:37:22 PM
Heavy Oil	ND	53.5		mg/Kg-dry	1	10/29/2020 7:37:22 PM
Surr: 2-Fluorobiphenyl	99.5	50 - 150		%Rec	1	10/29/2020 7:37:22 PM
Surr: o-Terphenyl	83.9	50 - 150		%Rec	1	10/29/2020 7:37:22 PM
Gasoline by NWTPH-Gx				Batch ID: 30206		Analyst: TN
Gasoline	ND	6.18		mg/Kg-dry	1	10/29/2020 8:10:45 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	10/29/2020 8:10:45 PM
Surr: 4-Bromofluorobenzene	100	65 - 135		%Rec	1	10/29/2020 8:10:45 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30206		Analyst: TN
Vinyl chloride	ND	0.0247		mg/Kg-dry	1	10/29/2020 8:10:45 PM
1,1-Dichloroethene	ND	0.0247		mg/Kg-dry	1	10/29/2020 8:10:45 PM
trans-1,2-Dichloroethene	ND	0.0247		mg/Kg-dry	1	10/29/2020 8:10:45 PM
cis-1,2-Dichloroethene	ND	0.0247		mg/Kg-dry	1	10/29/2020 8:10:45 PM
Benzene	ND	0.0247		mg/Kg-dry	1	10/29/2020 8:10:45 PM
Trichloroethene (TCE)	ND	0.0247		mg/Kg-dry	1	10/29/2020 8:10:45 PM
Toluene	ND	0.0247		mg/Kg-dry	1	10/29/2020 8:10:45 PM
Tetrachloroethene (PCE)	ND	0.0247		mg/Kg-dry	1	10/29/2020 8:10:45 PM
Ethylbenzene	ND	0.0309		mg/Kg-dry	1	10/29/2020 8:10:45 PM
m,p-Xylene	ND	0.0618		mg/Kg-dry	1	10/29/2020 8:10:45 PM
o-Xylene	ND	0.0309		mg/Kg-dry	1	10/29/2020 8:10:45 PM
Surr: Dibromofluoromethane	97.5	85.2 - 113		%Rec	1	10/29/2020 8:10:45 PM
Surr: Toluene-d8	98.4	88.5 - 110		%Rec	1	10/29/2020 8:10:45 PM
Surr: 1-Bromo-4-fluorobenzene	98.6	88.6 - 109		%Rec	1	10/29/2020 8:10:45 PM
Sample Moisture (Percent Moisture)				Batch ID: R62987		Analyst: CJ
Percent Moisture	16.3	0.500		wt%	1	10/30/2020 9:12:43 AM

Analytical Report

Work Order: **2010476**
Date Reported: **10/30/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010476-003 **Collection Date:** 10/28/2020 12:50:00 AM
Client Sample ID: **SW-P12-50-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30215		Analyst: DW
Diesel (Fuel Oil)	ND	24.9		mg/Kg-dry	1	10/29/2020 8:07:10 PM
Heavy Oil	ND	62.2		mg/Kg-dry	1	10/29/2020 8:07:10 PM
Surr: 2-Fluorobiphenyl	95.6	50 - 150		%Rec	1	10/29/2020 8:07:10 PM
Surr: o-Terphenyl	81.9	50 - 150		%Rec	1	10/29/2020 8:07:10 PM
Gasoline by NWTPH-Gx				Batch ID: 30206		Analyst: TN
Gasoline	ND	5.27		mg/Kg-dry	1	10/29/2020 8:41:06 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	10/29/2020 8:41:06 PM
Surr: 4-Bromofluorobenzene	99.2	65 - 135		%Rec	1	10/29/2020 8:41:06 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30206		Analyst: TN
Vinyl chloride	ND	0.0211		mg/Kg-dry	1	10/29/2020 8:41:06 PM
1,1-Dichloroethene	ND	0.0211		mg/Kg-dry	1	10/29/2020 8:41:06 PM
trans-1,2-Dichloroethene	ND	0.0211		mg/Kg-dry	1	10/29/2020 8:41:06 PM
cis-1,2-Dichloroethene	ND	0.0211		mg/Kg-dry	1	10/29/2020 8:41:06 PM
Benzene	ND	0.0211		mg/Kg-dry	1	10/29/2020 8:41:06 PM
Trichloroethene (TCE)	ND	0.0211		mg/Kg-dry	1	10/29/2020 8:41:06 PM
Toluene	ND	0.0211		mg/Kg-dry	1	10/29/2020 8:41:06 PM
Tetrachloroethene (PCE)	0.0919	0.0211		mg/Kg-dry	1	10/29/2020 8:41:06 PM
Ethylbenzene	ND	0.0264		mg/Kg-dry	1	10/29/2020 8:41:06 PM
m,p-Xylene	ND	0.0527		mg/Kg-dry	1	10/29/2020 8:41:06 PM
o-Xylene	ND	0.0264		mg/Kg-dry	1	10/29/2020 8:41:06 PM
Surr: Dibromofluoromethane	98.0	85.2 - 113		%Rec	1	10/29/2020 8:41:06 PM
Surr: Toluene-d8	98.2	88.5 - 110		%Rec	1	10/29/2020 8:41:06 PM
Surr: 1-Bromo-4-fluorobenzene	97.8	88.6 - 109		%Rec	1	10/29/2020 8:41:06 PM
Sample Moisture (Percent Moisture)				Batch ID: R62987		Analyst: CJ
Percent Moisture	22.2	0.500		wt%	1	10/30/2020 9:12:43 AM

Analytical Report

Work Order: **2010476**
Date Reported: **10/30/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010476-004 **Collection Date:** 10/26/2020 1:38:00 PM
Client Sample ID: **Trip Blank** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Gasoline by NWTPH-Gx				Batch ID: 30206		Analyst: TN
Gasoline	ND	5.00		mg/Kg	1	10/29/2020 6:39:40 PM
Surr: Toluene-d8	98.9	65 - 135		%Rec	1	10/29/2020 6:39:40 PM
Surr: 4-Bromofluorobenzene	99.4	65 - 135		%Rec	1	10/29/2020 6:39:40 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30206		Analyst: TN
Vinyl chloride	ND	0.0200		mg/Kg	1	10/29/2020 6:39:40 PM
1,1-Dichloroethene	ND	0.0200		mg/Kg	1	10/29/2020 6:39:40 PM
trans-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/29/2020 6:39:40 PM
cis-1,2-Dichloroethene	ND	0.0200		mg/Kg	1	10/29/2020 6:39:40 PM
Benzene	ND	0.0200		mg/Kg	1	10/29/2020 6:39:40 PM
Trichloroethene (TCE)	ND	0.0200		mg/Kg	1	10/29/2020 6:39:40 PM
Toluene	ND	0.0200		mg/Kg	1	10/29/2020 6:39:40 PM
Tetrachloroethene (PCE)	ND	0.0200		mg/Kg	1	10/29/2020 6:39:40 PM
Ethylbenzene	ND	0.0250		mg/Kg	1	10/29/2020 6:39:40 PM
m,p-Xylene	ND	0.0500		mg/Kg	1	10/29/2020 6:39:40 PM
o-Xylene	ND	0.0250		mg/Kg	1	10/29/2020 6:39:40 PM
Surr: Dibromofluoromethane	96.4	85.2 - 113		%Rec	1	10/29/2020 6:39:40 PM
Surr: Toluene-d8	96.8	88.5 - 110		%Rec	1	10/29/2020 6:39:40 PM
Surr: 1-Bromo-4-fluorobenzene	98.0	88.6 - 109		%Rec	1	10/29/2020 6:39:40 PM

Analytical Report

Work Order: **2010476**
Date Reported: **10/30/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010476-005 **Collection Date:** 10/28/2020 12:40:00 AM
Client Sample ID: **SW-DUP-2-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30215		Analyst: DW
Diesel (Fuel Oil)	ND	22.2		mg/Kg-dry	1	10/29/2020 8:36:58 PM
Heavy Oil	ND	55.6		mg/Kg-dry	1	10/29/2020 8:36:58 PM
Surr: 2-Fluorobiphenyl	71.7	50 - 150		%Rec	1	10/29/2020 8:36:58 PM
Surr: o-Terphenyl	59.1	50 - 150		%Rec	1	10/29/2020 8:36:58 PM
Gasoline by NWTPH-Gx				Batch ID: 30206		Analyst: TN
Gasoline	ND	4.42		mg/Kg-dry	1	10/29/2020 9:11:33 PM
Surr: Toluene-d8	99.7	65 - 135		%Rec	1	10/29/2020 9:11:33 PM
Surr: 4-Bromofluorobenzene	99.7	65 - 135		%Rec	1	10/29/2020 9:11:33 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30206		Analyst: TN
Vinyl chloride	ND	0.0177		mg/Kg-dry	1	10/29/2020 9:11:33 PM
1,1-Dichloroethene	ND	0.0177		mg/Kg-dry	1	10/29/2020 9:11:33 PM
trans-1,2-Dichloroethene	ND	0.0177		mg/Kg-dry	1	10/29/2020 9:11:33 PM
cis-1,2-Dichloroethene	ND	0.0177		mg/Kg-dry	1	10/29/2020 9:11:33 PM
Benzene	ND	0.0177		mg/Kg-dry	1	10/29/2020 9:11:33 PM
Trichloroethene (TCE)	ND	0.0177		mg/Kg-dry	1	10/29/2020 9:11:33 PM
Toluene	ND	0.0177		mg/Kg-dry	1	10/29/2020 9:11:33 PM
Tetrachloroethene (PCE)	ND	0.0177		mg/Kg-dry	1	10/29/2020 9:11:33 PM
Ethylbenzene	ND	0.0221		mg/Kg-dry	1	10/29/2020 9:11:33 PM
m,p-Xylene	ND	0.0442		mg/Kg-dry	1	10/29/2020 9:11:33 PM
o-Xylene	ND	0.0221		mg/Kg-dry	1	10/29/2020 9:11:33 PM
Surr: Dibromofluoromethane	98.3	85.2 - 113		%Rec	1	10/29/2020 9:11:33 PM
Surr: Toluene-d8	98.4	88.5 - 110		%Rec	1	10/29/2020 9:11:33 PM
Surr: 1-Bromo-4-fluorobenzene	98.3	88.6 - 109		%Rec	1	10/29/2020 9:11:33 PM
Sample Moisture (Percent Moisture)				Batch ID: R62987		Analyst: CJ
Percent Moisture	14.2	0.500		wt%	1	10/30/2020 9:12:43 AM

Work Order: 2010476
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-30215** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/29/2020** RunNo: **63002**
Client ID: **MBLKS** Batch ID: **30215** Analysis Date: **10/29/2020** SeqNo: **1264557**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	16.6		20.00		83.0	50	150				
Surr: o-Terphenyl	13.7		20.00		68.4	50	150				

Sample ID: **2010476-005AMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/29/2020** RunNo: **63002**
Client ID: **SW-DUP-2-S** Batch ID: **30215** Analysis Date: **10/29/2020** SeqNo: **1264562**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	450	21.6	541.2	0	83.2	65	135				
Surr: 2-Fluorobiphenyl	18.6		21.65		86.1	50	150				
Surr: o-Terphenyl	18.5		21.65		85.5	50	150				

Sample ID: **2010476-005AMSD** SampType: **MSD** Units: **mg/Kg-dry** Prep Date: **10/29/2020** RunNo: **63002**
Client ID: **SW-DUP-2-S** Batch ID: **30215** Analysis Date: **10/29/2020** SeqNo: **1264563**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	487	21.0	524.2	0	93.0	65	135	450.5	7.85	30	
Surr: 2-Fluorobiphenyl	17.2		20.97		81.9	50	150		0		
Surr: o-Terphenyl	17.4		20.97		82.9	50	150		0		

Sample ID: **2010259-016ADUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **10/29/2020** RunNo: **63002**
Client ID: **BATCH** Batch ID: **30215** Analysis Date: **10/30/2020** SeqNo: **1264577**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	19.9						0		30	H
Heavy Oil	ND	49.8						0		30	H
Surr: 2-Fluorobiphenyl	22.4		19.90		112	50	150		0		H
Surr: o-Terphenyl	19.0		19.90		95.6	50	150		0		H

Work Order: 2010476
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2010259-016ADUP**	SampType: **DUP**			Units: **mg/Kg**		Prep Date: **10/29/2020**		RunNo: **63002**			
Client ID: **BATCH**	Batch ID: **30215**					Analysis Date: **10/30/2020**		SeqNo: **1264577**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **LCS-30215**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **10/29/2020**		RunNo: **63002**			
Client ID: **LCSS**	Batch ID: **30215**					Analysis Date: **10/30/2020**		SeqNo: **1264578**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	483	20.0	500.0	0	96.7	65	135				
Surr: 2-Fluorobiphenyl	18.1		20.00		90.7	50	150				
Surr: o-Terphenyl	17.8		20.00		88.8	50	150				

Work Order: 2010476
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-30206**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **10/29/2020**	RunNo: **62996**
Client ID: **LCSS**	Batch ID: **30206**		Analysis Date: **10/29/2020**	SeqNo: **1264502**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	25.1	5.00	25.00	0	100	65	135				
Surr: Toluene-d8	1.25		1.250		100	65	135				
Surr: 4-Bromofluorobenzene	1.30		1.250		104	65	135				

Sample ID: **MB-30206**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **10/29/2020**	RunNo: **62996**
Client ID: **MBLKS**	Batch ID: **30206**		Analysis Date: **10/29/2020**	SeqNo: **1264503**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.27		1.250		102	65	135				
Surr: 4-Bromofluorobenzene	1.22		1.250		97.3	65	135				

Sample ID: **2010402-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/29/2020**	RunNo: **62996**
Client ID: **BATCH**	Batch ID: **30206**		Analysis Date: **10/29/2020**	SeqNo: **1264486**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.45						0		30	
Surr: Toluene-d8	1.10		1.113		99.1	65	135		0		
Surr: 4-Bromofluorobenzene	1.14		1.113		102	65	135		0		

Sample ID: **2010476-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **10/29/2020**	RunNo: **62996**
Client ID: **SW-P12-55-S**	Batch ID: **30206**		Analysis Date: **10/29/2020**	SeqNo: **1264488**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.02						0		30	
Surr: Toluene-d8	1.26		1.255		100	65	135		0		
Surr: 4-Bromofluorobenzene	1.24		1.255		99.2	65	135		0		

Work Order: 2010476
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2010476-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/29/2020** RunNo: **62996**
Client ID: **SW-P14-50-S** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264490**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	22.9	6.18	30.91	0	74.1	65	135				
Surr: Toluene-d8	1.52		1.546		98.6	65	135				
Surr: 4-Bromofluorobenzene	1.57		1.546		102	65	135				

Work Order: 2010476
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30206** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/29/2020** RunNo: **62995**
Client ID: **LCSS** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264453**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.10	0.0200	1.000	0	110	66	131				
1,1-Dichloroethene	1.03	0.0200	1.000	0	103	63.4	139				
trans-1,2-Dichloroethene	0.998	0.0200	1.000	0	99.8	80.5	116				
cis-1,2-Dichloroethene	0.987	0.0200	1.000	0	98.7	81.8	114				
Benzene	1.01	0.0200	1.000	0	101	79.4	116				
Trichloroethene (TCE)	0.980	0.0200	1.000	0	98.0	80.8	117				
Toluene	0.990	0.0200	1.000	0	99.0	80.5	115				
Tetrachloroethene (PCE)	0.999	0.0200	1.000	0	99.9	81.8	116				
Ethylbenzene	1.01	0.0250	1.000	0	101	81.6	116				
m,p-Xylene	2.04	0.0500	2.000	0	102	83.2	115				
o-Xylene	1.01	0.0250	1.000	0	101	82.5	114				
Surr: Dibromofluoromethane	1.29		1.250		103	85.2	113				
Surr: Toluene-d8	1.24		1.250		99.2	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.32		1.250		106	88.6	109				

Sample ID: **MB-30206** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/29/2020** RunNo: **62995**
Client ID: **MBLKS** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264452**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2010476
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-30206** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/29/2020** RunNo: **62995**
Client ID: **MBLKS** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264452**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.19		1.250		94.9	85.2	113				
Surr: Toluene-d8	1.22		1.250		97.3	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.20		1.250		95.9	88.6	109				

Sample ID: **2010402-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/29/2020** RunNo: **62995**
Client ID: **BATCH** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264435**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0178						0		30	
1,1-Dichloroethene	ND	0.0178						0		30	
trans-1,2-Dichloroethene	ND	0.0178						0		30	
cis-1,2-Dichloroethene	ND	0.0178						0		30	
Benzene	ND	0.0178						0		30	
Trichloroethene (TCE)	ND	0.0178						0		30	
Toluene	ND	0.0178						0		30	
Tetrachloroethene (PCE)	ND	0.0178						0		30	
Ethylbenzene	ND	0.0223						0		30	
m,p-Xylene	ND	0.0445						0		30	
o-Xylene	ND	0.0223						0		30	
Surr: Dibromofluoromethane	1.09		1.113		98.2	85.2	113		0		
Surr: Toluene-d8	1.09		1.113		97.5	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.12		1.113		101	88.6	109		0		

Sample ID: **2010402-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/29/2020** RunNo: **62995**
Client ID: **BATCH** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264437**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.715	0.0174	0.8713	0	82.1	52.8	150				
1,1-Dichloroethene	0.779	0.0174	0.8713	0	89.4	62.9	149				

Work Order: 2010476
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010402-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/29/2020** RunNo: **62995**
Client ID: **BATCH** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264437**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	0.849	0.0174	0.8713	0	97.4	73.1	130				
cis-1,2-Dichloroethene	0.865	0.0174	0.8713	0	99.2	77.5	125				
Benzene	0.878	0.0174	0.8713	0	101	74.6	126				
Trichloroethene (TCE)	0.864	0.0174	0.8713	0	99.1	72	133				
Toluene	0.863	0.0174	0.8713	0.01294	97.5	72.6	127				
Tetrachloroethene (PCE)	0.814	0.0174	0.8713	0	93.5	72.7	128				
Ethylbenzene	0.863	0.0218	0.8713	0	99.1	77.3	126				
m,p-Xylene	1.74	0.0436	1.743	0	99.9	78.5	126				
o-Xylene	0.866	0.0218	0.8713	0	99.4	79.4	123				
Surr: Dibromofluoromethane	1.14		1.089		104	85.2	113				
Surr: Toluene-d8	1.10		1.089		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.15		1.089		106	88.6	109				

Sample ID: **2010476-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/29/2020** RunNo: **62995**
Client ID: **SW-P12-55-S** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264439**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0201						0		30	
1,1-Dichloroethene	ND	0.0201						0		30	
trans-1,2-Dichloroethene	ND	0.0201						0		30	
cis-1,2-Dichloroethene	ND	0.0201						0		30	
Benzene	ND	0.0201						0		30	
Trichloroethene (TCE)	ND	0.0201						0		30	
Toluene	ND	0.0201						0		30	
Tetrachloroethene (PCE)	ND	0.0201						0		30	
Ethylbenzene	ND	0.0251						0		30	
m,p-Xylene	ND	0.0502						0		30	
o-Xylene	ND	0.0251						0		30	
Surr: Dibromofluoromethane	1.22		1.255		97.3	85.2	113		0		
Surr: Toluene-d8	1.24		1.255		98.7	88.5	110		0		

Work Order: 2010476
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010476-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/29/2020** RunNo: **62995**
Client ID: **SW-P12-55-S** Batch ID: **30206** Analysis Date: **10/29/2020** SeqNo: **1264439**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	1.23		1.255		97.7	88.6	109		0		

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010476**
Logged by:	**Carissa True**	Date Received:	**10/29/2020 8:51:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	2.1

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/28/2020 Page: 1 of: 1

Laboratory Project No (internal): 2010474

Project Name: Maddux South

Project No: ~~160423.00~~ 160324

Collected by: ~~DWH~~, LEB, KB

Location: Maddux South

Report To (PM): A. Yonkofski

PM Email: ayonkofski@aspectconsulting.com

Special Remarks:

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA. 98104

Telephone: (206) 413-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	LVOCs 8260				Comments
1	SW-P12-55-S	10/28/20	0825	S		X				X								X					
2	~~SW-P42-55-S~~		~~0930~~																				
3	SW-P14-50-S		1150			X				X								X					
4	SW-P12-50-S		1250			X				X								X					
5	~~SW-P40-50-S~~		~~1330~~																				
6	Trip Blank	—	—	W		X												X					
7	SW-DUP-2-S	10/28/20	1240	S		X				X								X					
8																							
9																							
10																							

20

DC

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	10/29/2020 0821	x [signature]	10/29/20 8:21
x [signature]	10/29/20 08:50	x [signature]	10/29/20 0851

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux South
Work Order Number: 2010510

November 02, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 4 sample(s) on 10/30/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *11/02/2020*

CLIENT: Aspect Consulting
Project: Maddux South
Work Order: 2010510

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010510-001	SW-P40-45-S	10/29/2020 10:00 AM	10/30/2020 9:07 AM
2010510-002	SW-P42-50-S	10/29/2020 11:00 AM	10/30/2020 9:07 AM
2010510-003	SW-P38-45-S	10/29/2020 11:35 AM	10/30/2020 9:07 AM
2010510-004	SW-P14-45-S	10/29/2020 1:00 PM	10/30/2020 9:07 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010510**
Date: **11/2/2020**

CLIENT: Aspect Consulting
Project: Maddux South

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010510**
Date Reported: **11/2/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010510-001 **Collection Date:** 10/29/2020 10:00:00 AM
Client Sample ID: **SW-P40-45-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30227		Analyst: DW
Diesel (Fuel Oil)	ND	29.8		mg/Kg-dry	1	10/30/2020 9:00:22 PM
Heavy Oil	ND	74.4		mg/Kg-dry	1	10/30/2020 9:00:22 PM
Surr: 2-Fluorobiphenyl	127	50 - 150		%Rec	1	10/30/2020 9:00:22 PM
Surr: o-Terphenyl	109	50 - 150		%Rec	1	10/30/2020 9:00:22 PM
Gasoline by NWTPH-Gx				Batch ID: 30228		Analyst: CR
Gasoline	ND	8.55		mg/Kg-dry	1	10/31/2020 3:16:48 AM
Surr: Toluene-d8	98.9	65 - 135		%Rec	1	10/31/2020 3:16:48 AM
Surr: 4-Bromofluorobenzene	103	65 - 135		%Rec	1	10/31/2020 3:16:48 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30228		Analyst: CR
Vinyl chloride	ND	0.0342		mg/Kg-dry	1	10/31/2020 3:16:48 AM
1,1-Dichloroethene	ND	0.0342		mg/Kg-dry	1	10/31/2020 3:16:48 AM
trans-1,2-Dichloroethene	ND	0.0342		mg/Kg-dry	1	10/31/2020 3:16:48 AM
cis-1,2-Dichloroethene	ND	0.0342		mg/Kg-dry	1	10/31/2020 3:16:48 AM
Benzene	ND	0.0342		mg/Kg-dry	1	10/31/2020 3:16:48 AM
Trichloroethene (TCE)	ND	0.0342		mg/Kg-dry	1	10/31/2020 3:16:48 AM
Toluene	ND	0.0342		mg/Kg-dry	1	10/31/2020 3:16:48 AM
Tetrachloroethene (PCE)	ND	0.0342		mg/Kg-dry	1	10/31/2020 3:16:48 AM
Ethylbenzene	ND	0.0427		mg/Kg-dry	1	10/31/2020 3:16:48 AM
m,p-Xylene	ND	0.0855		mg/Kg-dry	1	10/31/2020 3:16:48 AM
o-Xylene	ND	0.0427		mg/Kg-dry	1	10/31/2020 3:16:48 AM
Surr: Dibromofluoromethane	99.4	85.2 - 113		%Rec	1	10/31/2020 3:16:48 AM
Surr: Toluene-d8	98.9	88.5 - 110		%Rec	1	10/31/2020 3:16:48 AM
Surr: 1-Bromo-4-fluorobenzene	101	88.6 - 109		%Rec	1	10/31/2020 3:16:48 AM
Sample Moisture (Percent Moisture)				Batch ID: R62992		Analyst: CJ
Percent Moisture	39.4	0.500		wt%	1	10/30/2020 10:13:49 AM

Analytical Report

Work Order: **2010510**
Date Reported: **11/2/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010510-002 **Collection Date:** 10/29/2020 11:00:00 AM
Client Sample ID: **SW-P42-50-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30227		Analyst: DW
Diesel (Fuel Oil)	ND	19.1		mg/Kg-dry	1	10/30/2020 9:30:06 PM
Heavy Oil	ND	47.7		mg/Kg-dry	1	10/30/2020 9:30:06 PM
Surr: 2-Fluorobiphenyl	98.7	50 - 150		%Rec	1	10/30/2020 9:30:06 PM
Surr: o-Terphenyl	83.1	50 - 150		%Rec	1	10/30/2020 9:30:06 PM
Gasoline by NWTPH-Gx				Batch ID: 30228		Analyst: CR
Gasoline	ND	6.68		mg/Kg-dry	1	10/31/2020 3:47:04 AM
Surr: Toluene-d8	100	65 - 135		%Rec	1	10/31/2020 3:47:04 AM
Surr: 4-Bromofluorobenzene	98.7	65 - 135		%Rec	1	10/31/2020 3:47:04 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30228		Analyst: CR
Vinyl chloride	ND	0.0267		mg/Kg-dry	1	10/31/2020 3:47:04 AM
1,1-Dichloroethene	ND	0.0267		mg/Kg-dry	1	10/31/2020 3:47:04 AM
trans-1,2-Dichloroethene	ND	0.0267		mg/Kg-dry	1	10/31/2020 3:47:04 AM
cis-1,2-Dichloroethene	ND	0.0267		mg/Kg-dry	1	10/31/2020 3:47:04 AM
Benzene	ND	0.0267		mg/Kg-dry	1	10/31/2020 3:47:04 AM
Trichloroethene (TCE)	ND	0.0267		mg/Kg-dry	1	10/31/2020 3:47:04 AM
Toluene	ND	0.0267		mg/Kg-dry	1	10/31/2020 3:47:04 AM
Tetrachloroethene (PCE)	ND	0.0267		mg/Kg-dry	1	10/31/2020 3:47:04 AM
Ethylbenzene	ND	0.0334		mg/Kg-dry	1	10/31/2020 3:47:04 AM
m,p-Xylene	ND	0.0668		mg/Kg-dry	1	10/31/2020 3:47:04 AM
o-Xylene	ND	0.0334		mg/Kg-dry	1	10/31/2020 3:47:04 AM
Surr: Dibromofluoromethane	96.4	85.2 - 113		%Rec	1	10/31/2020 3:47:04 AM
Surr: Toluene-d8	98.0	88.5 - 110		%Rec	1	10/31/2020 3:47:04 AM
Surr: 1-Bromo-4-fluorobenzene	97.3	88.6 - 109		%Rec	1	10/31/2020 3:47:04 AM
Sample Moisture (Percent Moisture)				Batch ID: R62992		Analyst: CJ
Percent Moisture	10.6	0.500		wt%	1	10/30/2020 10:13:49 AM

Analytical Report

Work Order: **2010510**
Date Reported: **11/2/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010510-003 **Collection Date:** 10/29/2020 11:35:00 AM
Client Sample ID: **SW-P38-45-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30227		Analyst: DW
Diesel (Fuel Oil)	ND	25.1		mg/Kg-dry	1	10/30/2020 9:59:50 PM
Heavy Oil	ND	62.9		mg/Kg-dry	1	10/30/2020 9:59:50 PM
Surr: 2-Fluorobiphenyl	98.3	50 - 150		%Rec	1	10/30/2020 9:59:50 PM
Surr: o-Terphenyl	83.3	50 - 150		%Rec	1	10/30/2020 9:59:50 PM
Gasoline by NWTPH-Gx				Batch ID: 30228		Analyst: CR
Gasoline	ND	6.10		mg/Kg-dry	1	10/31/2020 4:17:21 AM
Surr: Toluene-d8	99.3	65 - 135		%Rec	1	10/31/2020 4:17:21 AM
Surr: 4-Bromofluorobenzene	99.4	65 - 135		%Rec	1	10/31/2020 4:17:21 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30228		Analyst: CR
Vinyl chloride	ND	0.0244		mg/Kg-dry	1	10/31/2020 4:17:21 AM
1,1-Dichloroethene	ND	0.0244		mg/Kg-dry	1	10/31/2020 4:17:21 AM
trans-1,2-Dichloroethene	ND	0.0244		mg/Kg-dry	1	10/31/2020 4:17:21 AM
cis-1,2-Dichloroethene	ND	0.0244		mg/Kg-dry	1	10/31/2020 4:17:21 AM
Benzene	ND	0.0244		mg/Kg-dry	1	10/31/2020 4:17:21 AM
Trichloroethene (TCE)	ND	0.0244		mg/Kg-dry	1	10/31/2020 4:17:21 AM
Toluene	ND	0.0244		mg/Kg-dry	1	10/31/2020 4:17:21 AM
Tetrachloroethene (PCE)	ND	0.0244		mg/Kg-dry	1	10/31/2020 4:17:21 AM
Ethylbenzene	ND	0.0305		mg/Kg-dry	1	10/31/2020 4:17:21 AM
m,p-Xylene	ND	0.0610		mg/Kg-dry	1	10/31/2020 4:17:21 AM
o-Xylene	ND	0.0305		mg/Kg-dry	1	10/31/2020 4:17:21 AM
Surr: Dibromofluoromethane	98.1	85.2 - 113		%Rec	1	10/31/2020 4:17:21 AM
Surr: Toluene-d8	98.7	88.5 - 110		%Rec	1	10/31/2020 4:17:21 AM
Surr: 1-Bromo-4-fluorobenzene	98.0	88.6 - 109		%Rec	1	10/31/2020 4:17:21 AM
Sample Moisture (Percent Moisture)				Batch ID: R62992		Analyst: CJ
Percent Moisture	20.6	0.500		wt%	1	10/30/2020 10:13:49 AM

Analytical Report

Work Order: **2010510**
Date Reported: **11/2/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010510-004 **Collection Date:** 10/29/2020 1:00:00 PM
Client Sample ID: **SW-P14-45-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30227		Analyst: DW
Diesel (Fuel Oil)	ND	20.8		mg/Kg-dry	1	10/30/2020 10:29:33 PM
Heavy Oil	ND	52.0		mg/Kg-dry	1	10/30/2020 10:29:33 PM
Surr: 2-Fluorobiphenyl	133	50 - 150		%Rec	1	10/30/2020 10:29:33 PM
Surr: o-Terphenyl	112	50 - 150		%Rec	1	10/30/2020 10:29:33 PM
Gasoline by NWTPH-Gx				Batch ID: 30228		Analyst: CR
Gasoline	ND	4.64		mg/Kg-dry	1	10/31/2020 4:47:42 AM
Surr: Toluene-d8	101	65 - 135		%Rec	1	10/31/2020 4:47:42 AM
Surr: 4-Bromofluorobenzene	98.3	65 - 135		%Rec	1	10/31/2020 4:47:42 AM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30228		Analyst: CR
Vinyl chloride	ND	0.0185		mg/Kg-dry	1	10/31/2020 4:47:42 AM
1,1-Dichloroethene	ND	0.0185		mg/Kg-dry	1	10/31/2020 4:47:42 AM
trans-1,2-Dichloroethene	ND	0.0185		mg/Kg-dry	1	10/31/2020 4:47:42 AM
cis-1,2-Dichloroethene	0.0342	0.0185		mg/Kg-dry	1	10/31/2020 4:47:42 AM
Benzene	ND	0.0185		mg/Kg-dry	1	10/31/2020 4:47:42 AM
Trichloroethene (TCE)	0.0190	0.0185		mg/Kg-dry	1	10/31/2020 4:47:42 AM
Toluene	ND	0.0185		mg/Kg-dry	1	10/31/2020 4:47:42 AM
Tetrachloroethene (PCE)	0.170	0.0185		mg/Kg-dry	1	10/31/2020 4:47:42 AM
Ethylbenzene	ND	0.0232		mg/Kg-dry	1	10/31/2020 4:47:42 AM
m,p-Xylene	ND	0.0464		mg/Kg-dry	1	10/31/2020 4:47:42 AM
o-Xylene	ND	0.0232		mg/Kg-dry	1	10/31/2020 4:47:42 AM
Surr: Dibromofluoromethane	97.8	85.2 - 113		%Rec	1	10/31/2020 4:47:42 AM
Surr: Toluene-d8	97.4	88.5 - 110		%Rec	1	10/31/2020 4:47:42 AM
Surr: 1-Bromo-4-fluorobenzene	96.9	88.6 - 109		%Rec	1	10/31/2020 4:47:42 AM
Sample Moisture (Percent Moisture)				Batch ID: R62992		Analyst: CJ
Percent Moisture	17.7	0.500		wt%	1	10/30/2020 10:13:49 AM

Work Order: 2010510
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-30227**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **10/30/2020**		RunNo: **63022**		
Client ID: **MBLKS**	Batch ID: **30227**					Analysis Date: **10/30/2020**		SeqNo: **1264972**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	19.9		20.00		99.4	50	150				
Surr: o-Terphenyl	16.2		20.00		80.8	50	150				

Sample ID: **LCS-30227**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **10/30/2020**		RunNo: **63022**		
Client ID: **LCSS**	Batch ID: **30227**					Analysis Date: **10/30/2020**		SeqNo: **1264973**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	451	20.0	500.0	0	90.3	65	135				
Surr: 2-Fluorobiphenyl	20.3		20.00		101	50	150				
Surr: o-Terphenyl	18.7		20.00		93.6	50	150				

Sample ID: **2010496-003AMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **10/30/2020**		RunNo: **63022**		
Client ID: **BATCH**	Batch ID: **30227**					Analysis Date: **10/30/2020**		SeqNo: **1264980**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	487	19.8	494.2	20.75	94.3	65	135				
Surr: 2-Fluorobiphenyl	19.2		19.77		96.9	50	150				
Surr: o-Terphenyl	18.2		19.77		91.9	50	150				

Sample ID: **2010496-003AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**		Prep Date: **10/30/2020**		RunNo: **63022**		
Client ID: **BATCH**	Batch ID: **30227**					Analysis Date: **10/30/2020**		SeqNo: **1264981**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	630	22.6	564.6	20.75	108	65	135	486.8	25.7	30	
Surr: 2-Fluorobiphenyl	22.1		22.59		97.7	50	150		0		
Surr: o-Terphenyl	21.1		22.59		93.3	50	150		0		

Date: *11/2/2020*

Work Order: 2010510
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2010479-004ADUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63022**
Client ID: **BATCH** Batch ID: **30227** Analysis Date: **10/31/2020** SeqNo: **1264999**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	68.9	18.9						69.18	0.406	30	
Heavy Oil	ND	47.3						0		30	
Surr: 2-Fluorobiphenyl	18.6		18.92		98.4	50	150		0		
Surr: o-Terphenyl	16.4		18.92		86.9	50	150		0		

Work Order: 2010510
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-30228** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63026**
Client ID: **LCSS** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265097**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	23.1	5.00	25.00	0	92.4	65	135				
Surr: Toluene-d8	1.23		1.250		98.6	65	135				
Surr: 4-Bromofluorobenzene	1.31		1.250		105	65	135				

Sample ID: **MB-30228** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63026**
Client ID: **MBLKS** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265098**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.25		1.250		99.7	65	135				
Surr: 4-Bromofluorobenzene	1.27		1.250		102	65	135				

Sample ID: **2010388-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/30/2020** RunNo: **63026**
Client ID: **BATCH** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265082**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.79						0		30	
Surr: Toluene-d8	1.21		1.197		101	65	135		0		
Surr: 4-Bromofluorobenzene	1.17		1.197		97.5	65	135		0		

Sample ID: **2010475-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63026**
Client ID: **BATCH** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265084**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.23						0		30	
Surr: Toluene-d8	1.06		1.057		100	65	135		0		
Surr: 4-Bromofluorobenzene	1.03		1.057		97.0	65	135		0		

Work Order: 2010510
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2010478-001BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63026**
Client ID: **BATCH** Batch ID: **30228** Analysis Date: **10/31/2020** SeqNo: **1265087**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	28.3	5.72	28.58	0	99.1	65	135				
Surr: Toluene-d8	1.43		1.429		100	65	135				
Surr: 4-Bromofluorobenzene	1.46		1.429		103	65	135				

Work Order: 2010510
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30228** SampType: **LCS** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63025**
Client ID: **LCSS** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265068**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.01	0.0200	1.000	0	101	66	131				
1,1-Dichloroethene	0.960	0.0200	1.000	0	96.0	63.4	139				
trans-1,2-Dichloroethene	0.969	0.0200	1.000	0	96.9	80.5	116				
cis-1,2-Dichloroethene	0.953	0.0200	1.000	0	95.3	81.8	114				
Benzene	0.980	0.0200	1.000	0	98.0	79.4	116				
Trichloroethene (TCE)	0.980	0.0200	1.000	0	98.0	80.8	117				
Toluene	0.950	0.0200	1.000	0	95.0	80.5	115				
Tetrachloroethene (PCE)	0.946	0.0200	1.000	0	94.6	81.8	116				
Ethylbenzene	0.974	0.0250	1.000	0	97.4	81.6	116				
m,p-Xylene	1.95	0.0500	2.000	0	97.4	83.2	115				
o-Xylene	0.975	0.0250	1.000	0	97.5	82.5	114				
Surr: Dibromofluoromethane	1.31		1.250		105	85.2	113				
Surr: Toluene-d8	1.26		1.250		101	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.34		1.250		107	88.6	109				

Sample ID: **MB-30228** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63025**
Client ID: **MBLKS** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265055**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2010510
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-30228** SampType: **MBLK** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63025**
Client ID: **MBLKS** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265055**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.23		1.250		98.5	85.2	113				
Surr: Toluene-d8	1.22		1.250		97.4	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.25		1.250		100	88.6	109				

Sample ID: **2010388-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **10/30/2020** RunNo: **63025**
Client ID: **BATCH** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265030**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0192						0		30	
1,1-Dichloroethene	ND	0.0192						0		30	
trans-1,2-Dichloroethene	ND	0.0192						0		30	
cis-1,2-Dichloroethene	ND	0.0192						0		30	
Benzene	ND	0.0192						0		30	
Trichloroethene (TCE)	ND	0.0192						0		30	
Toluene	ND	0.0192						0		30	
Tetrachloroethene (PCE)	ND	0.0192						0		30	
Ethylbenzene	ND	0.0239						0		30	
m,p-Xylene	ND	0.0479						0		30	
o-Xylene	ND	0.0239						0		30	
Surr: Dibromofluoromethane	1.17		1.197		98.0	85.2	113		0		
Surr: Toluene-d8	1.17		1.197		98.1	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.15		1.197		96.1	88.6	109		0		

Sample ID: **2010475-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63025**
Client ID: **BATCH** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265042**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0169						0		30	
1,1-Dichloroethene	ND	0.0169						0		30	

Work Order: 2010510
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010475-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **10/30/2020** RunNo: **63025**
Client ID: **BATCH** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265042**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0169						0		30	
cis-1,2-Dichloroethene	ND	0.0169						0		30	
Benzene	ND	0.0169						0		30	
Trichloroethene (TCE)	ND	0.0169						0		30	
Toluene	ND	0.0169						0		30	
Tetrachloroethene (PCE)	ND	0.0169						0		30	
Ethylbenzene	ND	0.0211						0		30	
m,p-Xylene	ND	0.0423						0		30	
o-Xylene	ND	0.0211						0		30	
Surr: Dibromofluoromethane	1.03		1.057		97.8	85.2	113		0		
Surr: Toluene-d8	1.03		1.057		97.7	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.01		1.057		95.6	88.6	109		0		

Sample ID: **2010388-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/30/2020** RunNo: **63025**
Client ID: **BATCH** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265032**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.23	0.0197	0.9833	0	126	52.8	150				
1,1-Dichloroethene	1.12	0.0197	0.9833	0	114	62.9	149				
trans-1,2-Dichloroethene	1.18	0.0197	0.9833	0	120	73.1	130				
cis-1,2-Dichloroethene	1.17	0.0197	0.9833	0	118	77.5	125				
Benzene	1.19	0.0197	0.9833	0	121	74.6	126				
Trichloroethene (TCE)	1.26	0.0197	0.9833	0	128	72	133				
Toluene	1.15	0.0197	0.9833	0	117	72.6	127				
Tetrachloroethene (PCE)	1.16	0.0197	0.9833	0	118	72.7	128				
Ethylbenzene	1.16	0.0246	0.9833	0	118	77.3	126				
m,p-Xylene	2.33	0.0492	1.967	0	119	78.5	126				
o-Xylene	1.14	0.0246	0.9833	0	116	79.4	123				
Surr: Dibromofluoromethane	1.28		1.229		104	85.2	113				
Surr: Toluene-d8	1.22		1.229		99.5	88.5	110				

Work Order: 2010510
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010388-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **10/30/2020** RunNo: **63025**
Client ID: **BATCH** Batch ID: **30228** Analysis Date: **10/30/2020** SeqNo: **1265032**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	1.28		1.229		104	88.6	109				

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010510**
Logged by:	**Gabrielle Coeuille**	Date Received:	**10/30/2020 9:07:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	4.9

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/29/2020 Page: 1 of: 1

Project Name: Maddux South

Project No: 160324

Collected by: DWH, CEB

Location: 160324

Report To (PM): A. Yankofski

PM Email: ayankofski@aspectconsulting.com

Laboratory Project No (internal): 2010510

Special Remarks:

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste 550

City, State, Zip: Seattle, WA 98104

Telephone: (206)413-8411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs				Comments
1	SW-P40-45-S	10/29/20	1000	S			X	X		X								X					
2	SW-P42-50-S	10/29/20	1100	↓			X	X		X								X					
3	SW-P38-45-S	10/29/20	1135	↓			X	X		X								X					
4	SW-P14-45-S	10/29/20	1300	↓			X	X		X								X					
5																							
6																							
7																							
8																							
9																							
10																							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	10/30/20 0841	x	10/30/20 8:41
x	10/30/20 9:25	x	10/30/20 0907

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day 24hr
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux South
Work Order Number: 2010528

November 03, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 5 sample(s) on 10/30/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *11/03/2020*

CLIENT: Aspect Consulting
Project: Maddux South
Work Order: 2010528

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2010528-001	B-P43-P42-50-S	10/30/2020 1:30 PM	10/30/2020 2:58 PM
2010528-002	B-P43-P40-43-S	10/30/2020 1:40 PM	10/30/2020 2:58 PM
2010528-003	B-P43-P38-43-S	10/30/2020 1:50 PM	10/30/2020 2:58 PM
2010528-004	B-P45-P42-50-S	10/30/2020 2:00 PM	10/30/2020 2:58 PM
2010528-005	B-P45-P40-45-S	10/30/2020 2:10 PM	10/30/2020 2:58 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Case Narrative

WO#: **2010528**
Date: **11/3/2020**

CLIENT: Aspect Consulting
Project: Maddux South

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2010528**
Date Reported: **11/3/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010528-001 **Collection Date:** 10/30/2020 1:30:00 PM
Client Sample ID: **B-P43-P42-50-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30238		Analyst: DW
Diesel (Fuel Oil)	ND	19.2		mg/Kg-dry	1	10/31/2020 8:53:10 AM
Heavy Oil	ND	47.9		mg/Kg-dry	1	10/31/2020 8:53:10 AM
Surr: 2-Fluorobiphenyl	94.6	50 - 150		%Rec	1	10/31/2020 8:53:10 AM
Surr: o-Terphenyl	79.3	50 - 150		%Rec	1	10/31/2020 8:53:10 AM
Gasoline by NWTPH-Gx				Batch ID: 30246		Analyst: CR
Gasoline	ND	4.42		mg/Kg-dry	1	11/2/2020 9:17:34 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	11/2/2020 9:17:34 PM
Surr: 4-Bromofluorobenzene	101	65 - 135		%Rec	1	11/2/2020 9:17:34 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30246		Analyst: CR
Vinyl chloride	ND	0.0177		mg/Kg-dry	1	11/2/2020 9:17:34 PM
1,1-Dichloroethene	ND	0.0177		mg/Kg-dry	1	11/2/2020 9:17:34 PM
trans-1,2-Dichloroethene	ND	0.0177		mg/Kg-dry	1	11/2/2020 9:17:34 PM
cis-1,2-Dichloroethene	ND	0.0177		mg/Kg-dry	1	11/2/2020 9:17:34 PM
Benzene	ND	0.0177		mg/Kg-dry	1	11/2/2020 9:17:34 PM
Trichloroethene (TCE)	ND	0.0177		mg/Kg-dry	1	11/2/2020 9:17:34 PM
Toluene	ND	0.0177		mg/Kg-dry	1	11/2/2020 9:17:34 PM
Tetrachloroethene (PCE)	ND	0.0177		mg/Kg-dry	1	11/2/2020 9:17:34 PM
Ethylbenzene	ND	0.0221		mg/Kg-dry	1	11/2/2020 9:17:34 PM
m,p-Xylene	ND	0.0442		mg/Kg-dry	1	11/2/2020 9:17:34 PM
o-Xylene	ND	0.0221		mg/Kg-dry	1	11/2/2020 9:17:34 PM
Surr: Dibromofluoromethane	97.1	85.2 - 113		%Rec	1	11/2/2020 9:17:34 PM
Surr: Toluene-d8	99.3	88.5 - 110		%Rec	1	11/2/2020 9:17:34 PM
Surr: 1-Bromo-4-fluorobenzene	96.3	88.6 - 109		%Rec	1	11/2/2020 9:17:34 PM
Sample Moisture (Percent Moisture)				Batch ID: R63020		Analyst: CJ
Percent Moisture	9.94	0.500		wt%	1	11/2/2020 8:20:04 AM

Analytical Report

Work Order: **2010528**
Date Reported: **11/3/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010528-002 **Collection Date:** 10/30/2020 1:40:00 PM
Client Sample ID: **B-P43-P40-43-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30238		Analyst: DW
Diesel (Fuel Oil)	ND	19.7		mg/Kg-dry	1	10/31/2020 9:22:47 AM
Heavy Oil	ND	49.3		mg/Kg-dry	1	10/31/2020 9:22:47 AM
Surr: 2-Fluorobiphenyl	88.5	50 - 150		%Rec	1	10/31/2020 9:22:47 AM
Surr: o-Terphenyl	76.6	50 - 150		%Rec	1	10/31/2020 9:22:47 AM
Gasoline by NWTPH-Gx				Batch ID: 30246		Analyst: CR
Gasoline	ND	4.33		mg/Kg-dry	1	11/2/2020 10:18:27 PM
Surr: Toluene-d8	99.8	65 - 135		%Rec	1	11/2/2020 10:18:27 PM
Surr: 4-Bromofluorobenzene	100	65 - 135		%Rec	1	11/2/2020 10:18:27 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30246		Analyst: CR
Vinyl chloride	ND	0.0173		mg/Kg-dry	1	11/2/2020 10:18:27 PM
1,1-Dichloroethene	ND	0.0173		mg/Kg-dry	1	11/2/2020 10:18:27 PM
trans-1,2-Dichloroethene	ND	0.0173		mg/Kg-dry	1	11/2/2020 10:18:27 PM
cis-1,2-Dichloroethene	ND	0.0173		mg/Kg-dry	1	11/2/2020 10:18:27 PM
Benzene	ND	0.0173		mg/Kg-dry	1	11/2/2020 10:18:27 PM
Trichloroethene (TCE)	ND	0.0173		mg/Kg-dry	1	11/2/2020 10:18:27 PM
Toluene	ND	0.0173		mg/Kg-dry	1	11/2/2020 10:18:27 PM
Tetrachloroethene (PCE)	ND	0.0173		mg/Kg-dry	1	11/2/2020 10:18:27 PM
Ethylbenzene	ND	0.0217		mg/Kg-dry	1	11/2/2020 10:18:27 PM
m,p-Xylene	ND	0.0433		mg/Kg-dry	1	11/2/2020 10:18:27 PM
o-Xylene	ND	0.0217		mg/Kg-dry	1	11/2/2020 10:18:27 PM
Surr: Dibromofluoromethane	97.3	85.2 - 113		%Rec	1	11/2/2020 10:18:27 PM
Surr: Toluene-d8	99.4	88.5 - 110		%Rec	1	11/2/2020 10:18:27 PM
Surr: 1-Bromo-4-fluorobenzene	95.8	88.6 - 109		%Rec	1	11/2/2020 10:18:27 PM
Sample Moisture (Percent Moisture)				Batch ID: R63020		Analyst: CJ
Percent Moisture	14.6	0.500		wt%	1	11/2/2020 8:20:04 AM

Analytical Report

Work Order: **2010528**
Date Reported: **11/3/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010528-003 **Collection Date:** 10/30/2020 1:50:00 PM
Client Sample ID: **B-P43-P38-43-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30238		Analyst: DW
Diesel (Fuel Oil)	ND	23.7		mg/Kg-dry	1	10/31/2020 10:51:51 AM
Heavy Oil	ND	59.1		mg/Kg-dry	1	10/31/2020 10:51:51 AM
Surr: 2-Fluorobiphenyl	99.9	50 - 150		%Rec	1	10/31/2020 10:51:51 AM
Surr: o-Terphenyl	84.7	50 - 150		%Rec	1	10/31/2020 10:51:51 AM
Gasoline by NWTPH-Gx				Batch ID: 30246		Analyst: CR
Gasoline	ND	5.88		mg/Kg-dry	1	11/2/2020 10:48:56 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	11/2/2020 10:48:56 PM
Surr: 4-Bromofluorobenzene	98.6	65 - 135		%Rec	1	11/2/2020 10:48:56 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30246		Analyst: CR
Vinyl chloride	ND	0.0235		mg/Kg-dry	1	11/2/2020 10:48:56 PM
1,1-Dichloroethene	ND	0.0235		mg/Kg-dry	1	11/2/2020 10:48:56 PM
trans-1,2-Dichloroethene	ND	0.0235		mg/Kg-dry	1	11/2/2020 10:48:56 PM
cis-1,2-Dichloroethene	ND	0.0235		mg/Kg-dry	1	11/2/2020 10:48:56 PM
Benzene	ND	0.0235		mg/Kg-dry	1	11/2/2020 10:48:56 PM
Trichloroethene (TCE)	ND	0.0235		mg/Kg-dry	1	11/2/2020 10:48:56 PM
Toluene	ND	0.0235		mg/Kg-dry	1	11/2/2020 10:48:56 PM
Tetrachloroethene (PCE)	ND	0.0235		mg/Kg-dry	1	11/2/2020 10:48:56 PM
Ethylbenzene	ND	0.0294		mg/Kg-dry	1	11/2/2020 10:48:56 PM
m,p-Xylene	ND	0.0588		mg/Kg-dry	1	11/2/2020 10:48:56 PM
o-Xylene	ND	0.0294		mg/Kg-dry	1	11/2/2020 10:48:56 PM
Surr: Dibromofluoromethane	96.3	85.2 - 113		%Rec	1	11/2/2020 10:48:56 PM
Surr: Toluene-d8	99.7	88.5 - 110		%Rec	1	11/2/2020 10:48:56 PM
Surr: 1-Bromo-4-fluorobenzene	94.0	88.6 - 109		%Rec	1	11/2/2020 10:48:56 PM
Sample Moisture (Percent Moisture)				Batch ID: R63020		Analyst: CJ
Percent Moisture	16.1	0.500		wt%	1	11/2/2020 8:20:04 AM

Analytical Report

Work Order: **2010528**
Date Reported: **11/3/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010528-004 **Collection Date:** 10/30/2020 2:00:00 PM
Client Sample ID: **B-P45-P42-50-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30238		Analyst: DW
Diesel (Fuel Oil)	ND	20.4		mg/Kg-dry	1	10/31/2020 11:21:33 AM
Heavy Oil	ND	51.0		mg/Kg-dry	1	10/31/2020 11:21:33 AM
Surr: 2-Fluorobiphenyl	102	50 - 150		%Rec	1	10/31/2020 11:21:33 AM
Surr: o-Terphenyl	86.5	50 - 150		%Rec	1	10/31/2020 11:21:33 AM
Gasoline by NWTPH-Gx				Batch ID: 30246		Analyst: CR
Gasoline	ND	5.16		mg/Kg-dry	1	11/2/2020 11:19:22 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	11/2/2020 11:19:22 PM
Surr: 4-Bromofluorobenzene	100	65 - 135		%Rec	1	11/2/2020 11:19:22 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30246		Analyst: CR
Vinyl chloride	ND	0.0207		mg/Kg-dry	1	11/2/2020 11:19:22 PM
1,1-Dichloroethene	ND	0.0207		mg/Kg-dry	1	11/2/2020 11:19:22 PM
trans-1,2-Dichloroethene	ND	0.0207		mg/Kg-dry	1	11/2/2020 11:19:22 PM
cis-1,2-Dichloroethene	ND	0.0207		mg/Kg-dry	1	11/2/2020 11:19:22 PM
Benzene	ND	0.0207		mg/Kg-dry	1	11/2/2020 11:19:22 PM
Trichloroethene (TCE)	ND	0.0207		mg/Kg-dry	1	11/2/2020 11:19:22 PM
Toluene	ND	0.0207		mg/Kg-dry	1	11/2/2020 11:19:22 PM
Tetrachloroethene (PCE)	ND	0.0207		mg/Kg-dry	1	11/2/2020 11:19:22 PM
Ethylbenzene	ND	0.0258		mg/Kg-dry	1	11/2/2020 11:19:22 PM
m,p-Xylene	ND	0.0516		mg/Kg-dry	1	11/2/2020 11:19:22 PM
o-Xylene	ND	0.0258		mg/Kg-dry	1	11/2/2020 11:19:22 PM
Surr: Dibromofluoromethane	97.4	85.2 - 113		%Rec	1	11/2/2020 11:19:22 PM
Surr: Toluene-d8	99.0	88.5 - 110		%Rec	1	11/2/2020 11:19:22 PM
Surr: 1-Bromo-4-fluorobenzene	95.4	88.6 - 109		%Rec	1	11/2/2020 11:19:22 PM
Sample Moisture (Percent Moisture)				Batch ID: R63020		Analyst: CJ
Percent Moisture	12.7	0.500		wt%	1	11/2/2020 8:20:04 AM

Analytical Report

Work Order: **2010528**
Date Reported: **11/3/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2010528-005 **Collection Date:** 10/30/2020 2:10:00 PM
Client Sample ID: **B-P45-P40-45-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30238		Analyst: DW
Diesel (Fuel Oil)	ND	20.4		mg/Kg-dry	1	10/31/2020 11:51:12 AM
Heavy Oil	ND	50.9		mg/Kg-dry	1	10/31/2020 11:51:12 AM
Surr: 2-Fluorobiphenyl	99.9	50 - 150		%Rec	1	10/31/2020 11:51:12 AM
Surr: o-Terphenyl	85.5	50 - 150		%Rec	1	10/31/2020 11:51:12 AM
Gasoline by NWTPH-Gx				Batch ID: 30246		Analyst: CR
Gasoline	ND	4.02		mg/Kg-dry	1	11/2/2020 11:49:47 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	11/2/2020 11:49:47 PM
Surr: 4-Bromofluorobenzene	99.7	65 - 135		%Rec	1	11/2/2020 11:49:47 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30246		Analyst: CR
Vinyl chloride	ND	0.0161		mg/Kg-dry	1	11/2/2020 11:49:47 PM
1,1-Dichloroethene	ND	0.0161		mg/Kg-dry	1	11/2/2020 11:49:47 PM
trans-1,2-Dichloroethene	ND	0.0161		mg/Kg-dry	1	11/2/2020 11:49:47 PM
cis-1,2-Dichloroethene	ND	0.0161		mg/Kg-dry	1	11/2/2020 11:49:47 PM
Benzene	ND	0.0161		mg/Kg-dry	1	11/2/2020 11:49:47 PM
Trichloroethene (TCE)	ND	0.0161		mg/Kg-dry	1	11/2/2020 11:49:47 PM
Toluene	ND	0.0161		mg/Kg-dry	1	11/2/2020 11:49:47 PM
Tetrachloroethene (PCE)	ND	0.0161		mg/Kg-dry	1	11/2/2020 11:49:47 PM
Ethylbenzene	ND	0.0201		mg/Kg-dry	1	11/2/2020 11:49:47 PM
m,p-Xylene	ND	0.0402		mg/Kg-dry	1	11/2/2020 11:49:47 PM
o-Xylene	ND	0.0201		mg/Kg-dry	1	11/2/2020 11:49:47 PM
Surr: Dibromofluoromethane	96.7	85.2 - 113		%Rec	1	11/2/2020 11:49:47 PM
Surr: Toluene-d8	99.1	88.5 - 110		%Rec	1	11/2/2020 11:49:47 PM
Surr: 1-Bromo-4-fluorobenzene	95.0	88.6 - 109		%Rec	1	11/2/2020 11:49:47 PM
Sample Moisture (Percent Moisture)				Batch ID: R63020		Analyst: CJ
Percent Moisture	15.5	0.500		wt%	1	11/2/2020 8:20:04 AM

Work Order: 2010528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-30238**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **10/30/2020**		RunNo: **63032**		
Client ID: **MBLKS**	Batch ID: **30238**					Analysis Date: **10/31/2020**		SeqNo: **1265188**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	21.2		20.00		106	50	150				
Surr: o-Terphenyl	17.8		20.00		89.0	50	150				

Sample ID: **LCS-30238**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **10/30/2020**		RunNo: **63032**		
Client ID: **LCSS**	Batch ID: **30238**					Analysis Date: **10/31/2020**		SeqNo: **1265189**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	461	20.0	500.0	0	92.1	65	135				
Surr: 2-Fluorobiphenyl	21.1		20.00		106	50	150				
Surr: o-Terphenyl	19.9		20.00		99.7	50	150				

Sample ID: **2010528-002AMS**	SampType: **MS**			Units: **mg/Kg-dry**		Prep Date: **10/30/2020**		RunNo: **63032**		
Client ID: **B-P43-P40-43-S**	Batch ID: **30238**					Analysis Date: **10/31/2020**		SeqNo: **1265192**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	516	22.4	559.9	4.387	91.3	65	135				
Surr: 2-Fluorobiphenyl	20.3		22.40		90.5	50	150				
Surr: o-Terphenyl	19.5		22.40		87.2	50	150				

Sample ID: **2010528-002AMSD**	SampType: **MSD**			Units: **mg/Kg-dry**		Prep Date: **10/30/2020**		RunNo: **63032**		
Client ID: **B-P43-P40-43-S**	Batch ID: **30238**					Analysis Date: **10/31/2020**		SeqNo: **1265193**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	467	21.4	534.8	4.387	86.4	65	135	515.7	9.99	30	
Surr: 2-Fluorobiphenyl	21.2		21.39		99.2	50	150		0		
Surr: o-Terphenyl	20.9		21.39		97.8	50	150		0		

Work Order: 2010528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-30246**	SampType: **LCS**	Units: **mg/Kg**	Prep Date: **11/2/2020**	RunNo: **63067**
Client ID: **LCSS**	Batch ID: **30246**		Analysis Date: **11/2/2020**	SeqNo: **1266103**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	24.0	5.00	25.00	0	96.0	65	135				
Surr: Toluene-d8	1.25		1.250		99.8	65	135				
Surr: 4-Bromofluorobenzene	1.30		1.250		104	65	135				

Sample ID: **MB-30246**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **11/2/2020**	RunNo: **63067**
Client ID: **MBLKS**	Batch ID: **30246**		Analysis Date: **11/2/2020**	SeqNo: **1266104**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.25		1.250		100	65	135				
Surr: 4-Bromofluorobenzene	1.25		1.250		99.7	65	135				

Sample ID: **2010514-001BDUP**	SampType: **DUP**	Units: **mg/Kg**	Prep Date: **11/2/2020**	RunNo: **63067**
Client ID: **BATCH**	Batch ID: **30246**		Analysis Date: **11/2/2020**	SeqNo: **1266088**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.19						0		30	
Surr: Toluene-d8	1.29		1.298		99.3	65	135		0		
Surr: 4-Bromofluorobenzene	1.31		1.298		101	65	135		0		

Sample ID: **2010528-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **11/2/2020**	RunNo: **63067**
Client ID: **B-P43-P42-50-S**	Batch ID: **30246**		Analysis Date: **11/2/2020**	SeqNo: **1266094**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.42						0		30	
Surr: Toluene-d8	1.12		1.106		102	65	135		0		
Surr: 4-Bromofluorobenzene	1.09		1.106		98.9	65	135		0		

Work Order: 2010528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **2010528-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **11/2/2020** RunNo: **63067**
Client ID: **B-P43-P40-43-S** Batch ID: **30246** Analysis Date: **11/3/2020** SeqNo: **1266096**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	20.0	4.33	21.67	0	92.3	65	135				
Surr: Toluene-d8	1.07		1.084		99.1	65	135				
Surr: 4-Bromofluorobenzene	1.12		1.084		103	65	135				

Work Order: 2010528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30246** SampType: **LCS** Units: **mg/Kg** Prep Date: **11/2/2020** RunNo: **63066**
Client ID: **LCSS** Batch ID: **30246** Analysis Date: **11/2/2020** SeqNo: **1266080**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.996	0.0200	1.000	0	99.6	66	131				
1,1-Dichloroethene	1.05	0.0200	1.000	0	105	63.4	139				
trans-1,2-Dichloroethene	1.01	0.0200	1.000	0	101	80.5	116				
cis-1,2-Dichloroethene	1.00	0.0200	1.000	0	100	81.8	114				
Benzene	0.994	0.0200	1.000	0	99.4	79.4	116				
Trichloroethene (TCE)	0.988	0.0200	1.000	0	98.8	80.8	117				
Toluene	1.01	0.0200	1.000	0	101	80.5	115				
Tetrachloroethene (PCE)	1.04	0.0200	1.000	0	104	81.8	116				
Ethylbenzene	1.04	0.0250	1.000	0	104	81.6	116				
m,p-Xylene	2.07	0.0500	2.000	0	104	83.2	115				
o-Xylene	1.02	0.0250	1.000	0	102	82.5	114				
Surr: Dibromofluoromethane	1.29		1.250		103	85.2	113				
Surr: Toluene-d8	1.27		1.250		102	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.27		1.250		102	88.6	109				

Sample ID: **MB-30246** SampType: **MBLK** Units: **mg/Kg** Prep Date: **11/2/2020** RunNo: **63066**
Client ID: **MBLKS** Batch ID: **30246** Analysis Date: **11/2/2020** SeqNo: **1266077**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2010528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-30246** SampType: **MBLK** Units: **mg/Kg** Prep Date: **11/2/2020** RunNo: **63066**
Client ID: **MBLKS** Batch ID: **30246** Analysis Date: **11/2/2020** SeqNo: **1266077**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.19		1.250		95.3	85.2	113				
Surr: Toluene-d8	1.25		1.250		99.7	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.19		1.250		95.1	88.6	109				

Sample ID: **2010514-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **11/2/2020** RunNo: **63066**
Client ID: **BATCH** Batch ID: **30246** Analysis Date: **11/2/2020** SeqNo: **1266061**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0208						0		30	
1,1-Dichloroethene	ND	0.0208						0		30	
trans-1,2-Dichloroethene	ND	0.0208						0		30	
cis-1,2-Dichloroethene	ND	0.0208						0		30	
Benzene	ND	0.0208						0		30	
Trichloroethene (TCE)	ND	0.0208						0		30	
Toluene	ND	0.0208						0		30	
Tetrachloroethene (PCE)	ND	0.0208						0		30	
Ethylbenzene	ND	0.0260						0		30	
m,p-Xylene	ND	0.0519						0		30	
o-Xylene	ND	0.0260						0		30	
Surr: Dibromofluoromethane	1.28		1.298		98.3	85.2	113		0		
Surr: Toluene-d8	1.29		1.298		99.5	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.25		1.298		96.0	88.6	109		0		

Sample ID: **2010528-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **11/2/2020** RunNo: **63066**
Client ID: **B-P43-P42-50-S** Batch ID: **30246** Analysis Date: **11/2/2020** SeqNo: **1266068**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0177						0		30	
1,1-Dichloroethene	ND	0.0177						0		30	

Work Order: 2010528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010528-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **11/2/2020** RunNo: **63066**
Client ID: **B-P43-P42-50-S** Batch ID: **30246** Analysis Date: **11/2/2020** SeqNo: **1266068**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0177						0		30	
cis-1,2-Dichloroethene	ND	0.0177						0		30	
Benzene	ND	0.0177						0		30	
Trichloroethene (TCE)	ND	0.0177						0		30	
Toluene	ND	0.0177						0		30	
Tetrachloroethene (PCE)	ND	0.0177						0		30	
Ethylbenzene	ND	0.0221						0		30	
m,p-Xylene	ND	0.0442						0		30	
o-Xylene	ND	0.0221						0		30	
Surr: Dibromofluoromethane	1.06		1.106		96.1	85.2	113		0		
Surr: Toluene-d8	1.10		1.106		99.6	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.04		1.106		94.3	88.6	109		0		

Sample ID: **2010514-002BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **11/2/2020** RunNo: **63066**
Client ID: **BATCH** Batch ID: **30246** Analysis Date: **11/3/2020** SeqNo: **1266063**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	1.02	0.0270	1.351	0	75.8	52.8	150				
1,1-Dichloroethene	1.20	0.0270	1.351	0	88.6	62.9	149				
trans-1,2-Dichloroethene	1.27	0.0270	1.351	0	94.0	73.1	130				
cis-1,2-Dichloroethene	1.31	0.0270	1.351	0	97.0	77.5	125				
Benzene	1.32	0.0270	1.351	0	97.8	74.6	126				
Trichloroethene (TCE)	1.49	0.0270	1.351	0	110	72	133				
Toluene	1.34	0.0270	1.351	0.007306	98.7	72.6	127				
Tetrachloroethene (PCE)	1.32	0.0270	1.351	0	97.4	72.7	128				
Ethylbenzene	1.37	0.0338	1.351	0	101	77.3	126				
m,p-Xylene	2.72	0.0676	2.703	0	101	78.5	126				
o-Xylene	1.35	0.0338	1.351	0	100	79.4	123				
Surr: Dibromofluoromethane	1.71		1.689		101	85.2	113				
Surr: Toluene-d8	1.69		1.689		100	88.5	110				

Work Order: 2010528
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010514-002BMS** SampType: **MS** Units: **mg/Kg** Prep Date: **11/2/2020** RunNo: **63066**
Client ID: **BATCH** Batch ID: **30246** Analysis Date: **11/3/2020** SeqNo: **1266063**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	1.71		1.689		102	88.6	109				

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2010528**
Logged by:	**Carissa True**	Date Received:	**10/30/2020 2:58:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Client				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	5.6

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/30/20 Page: 1 of: 1

Laboratory Project No (internal): 210528

Project Name: Maddux South

Special Remarks: 24 Hr (3PM 11/2/20)

Project No: 160324

Client: Aspect Consulting

Collected by: Kristin Beck

Address: 710 2nd Ave Suite 550

Location: Seattle, WA

City, State, Zip: Seattle, WA 98104

Report To (PM): A. Yankofski

Telephone:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: ayankofski@aspectconsulting.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs				Comments
1 B-P43-P42-50-S	10/30/20	1330	S			X	X		X							X					
2 B-P43-P40-43-S		1340				X	X		X							X					
3 B-P43-P38-43-S		1350				X	X		X							X					
4 B-P45-P42-50-S		1400				X	X		X							X					
5 B-P45-P42-45-S		1410				X	X		X							X					
6																					
7																					
8																					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	10/30/20 1450	x	10/30/20 1450
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day 24 Hr
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 10/30/20 Page: 1 of: 1

Laboratory Project No (internal): 210528

Project Name: Maddux South

Special Remarks: 24 Hr (3PM 11/2/20) Change per KB 10/30/20- gac

Project No: 160324

Client: Aspect Consulting

Collected by: Kristin Beck

Address: 710 2nd Ave Suite 550

Location: Seattle, WA

City, State, Zip: Seattle, WA 98104

Report To (PM): A. Yankofski

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Telephone:

PM Email: ayankofski@aspectconsulting.com

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs				Comments
1	B-P43-P42-50-S	10/30/20	1330	S			X	X		X							X				
2	B-P43-P40-43-S		1340				X	X		X							X				
3	B-P43-P38-43-S		1350				X	X		X							X				
4	B-P45-P42-50-S		1400				X	X		X							X				
5	~~B-P45-P42-45-S~~ B-P45-P40-45-S		1410				X	X		X							X				
6																					
7																					
8																					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	10/30/20 1450	x	10/30/20 1450
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day 24 Hr
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Aspect Consulting
Andrew Yonkofski
710 2nd Ave, Suite 550
Seattle, WA 98104

RE: Maddux South
Work Order Number: 2011001

November 03, 2020

Attention Andrew Yonkofski:

Fremont Analytical, Inc. received 6 sample(s) on 11/2/2020 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.
Gasoline by NWTPH-Gx
Sample Moisture (Percent Moisture)
Volatile Organic Compounds by EPA Method 8260D

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Jessica Smith
Kristin Beck

Date: *11/03/2020*

CLIENT: Aspect Consulting
Project: Maddux South
Work Order: 2011001

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2011001-001	B-P43-P30-48-S	10/31/2020 10:00 AM	11/02/2020 9:10 AM
2011001-002	B-P45-P30-49-S	10/31/2020 10:05 AM	11/02/2020 9:10 AM
2011001-003	B-P47-P38-49-S	10/31/2020 12:55 PM	11/02/2020 9:10 AM
2011001-004	B-P47-P36-50-S	10/31/2020 1:20 PM	11/02/2020 9:10 AM
2011001-005	B-P47-P34-50-S	10/31/2020 1:40 PM	11/02/2020 9:10 AM
2011001-006	B-P45-P38-43-S	10/30/2020 3:15 PM	11/02/2020 9:10 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

Case Narrative

WO#: **2011001**
Date: **11/3/2020**

CLIENT: Aspect Consulting
Project: Maddux South

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2011001**
Date Reported: **11/3/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2011001-001 **Collection Date:** 10/31/2020 10:00:00 AM
Client Sample ID: **B-P43-P30-48-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30253		Analyst: DW
Diesel (Fuel Oil)	ND	23.0		mg/Kg-dry	1	11/2/2020 4:50:12 PM
Heavy Oil	ND	57.5		mg/Kg-dry	1	11/2/2020 4:50:12 PM
Surr: 2-Fluorobiphenyl	113	50 - 150		%Rec	1	11/2/2020 4:50:12 PM
Surr: o-Terphenyl	94.7	50 - 150		%Rec	1	11/2/2020 4:50:12 PM
Gasoline by NWTPH-Gx				Batch ID: 30254		Analyst: KT
Gasoline	ND	2.89		mg/Kg-dry	1	11/2/2020 1:59:48 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	11/2/2020 1:59:48 PM
Surr: 4-Bromofluorobenzene	91.6	65 - 135		%Rec	1	11/2/2020 1:59:48 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30254		Analyst: KT
Vinyl chloride	ND	0.0116		mg/Kg-dry	1	11/2/2020 1:59:48 PM
1,1-Dichloroethene	ND	0.0116		mg/Kg-dry	1	11/2/2020 1:59:48 PM
trans-1,2-Dichloroethene	ND	0.0116		mg/Kg-dry	1	11/2/2020 1:59:48 PM
cis-1,2-Dichloroethene	ND	0.0116		mg/Kg-dry	1	11/2/2020 1:59:48 PM
Benzene	ND	0.0116		mg/Kg-dry	1	11/2/2020 1:59:48 PM
Trichloroethene (TCE)	ND	0.0116		mg/Kg-dry	1	11/2/2020 1:59:48 PM
Toluene	ND	0.0116		mg/Kg-dry	1	11/2/2020 1:59:48 PM
Tetrachloroethene (PCE)	ND	0.0116		mg/Kg-dry	1	11/2/2020 1:59:48 PM
Ethylbenzene	ND	0.0145		mg/Kg-dry	1	11/2/2020 1:59:48 PM
m,p-Xylene	ND	0.0289		mg/Kg-dry	1	11/2/2020 1:59:48 PM
o-Xylene	ND	0.0145		mg/Kg-dry	1	11/2/2020 1:59:48 PM
Surr: Dibromofluoromethane	97.6	85.2 - 113		%Rec	1	11/2/2020 1:59:48 PM
Surr: Toluene-d8	97.5	88.5 - 110		%Rec	1	11/2/2020 1:59:48 PM
Surr: 1-Bromo-4-fluorobenzene	96.8	88.6 - 109		%Rec	1	11/2/2020 1:59:48 PM
Sample Moisture (Percent Moisture)				Batch ID: R63063		Analyst: CJ
Percent Moisture	15.7	0.500		wt%	1	11/3/2020 8:40:47 AM

Analytical Report

Work Order: **2011001**
Date Reported: **11/3/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2011001-002 **Collection Date:** 10/31/2020 10:05:00 AM
Client Sample ID: **B-P45-P30-49-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30253		Analyst: DW
Diesel (Fuel Oil)	ND	21.2		mg/Kg-dry	1	11/2/2020 5:20:11 PM
Heavy Oil	54.5	52.9		mg/Kg-dry	1	11/2/2020 5:20:11 PM
Surr: 2-Fluorobiphenyl	105	50 - 150		%Rec	1	11/2/2020 5:20:11 PM
Surr: o-Terphenyl	89.8	50 - 150		%Rec	1	11/2/2020 5:20:11 PM
Gasoline by NWTPH-Gx				Batch ID: 30254		Analyst: KT
Gasoline	ND	2.84		mg/Kg-dry	1	11/2/2020 3:00:04 PM
Surr: Toluene-d8	102	65 - 135		%Rec	1	11/2/2020 3:00:04 PM
Surr: 4-Bromofluorobenzene	91.9	65 - 135		%Rec	1	11/2/2020 3:00:04 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30254		Analyst: KT
Vinyl chloride	ND	0.0114		mg/Kg-dry	1	11/2/2020 3:00:04 PM
1,1-Dichloroethene	ND	0.0114		mg/Kg-dry	1	11/2/2020 3:00:04 PM
trans-1,2-Dichloroethene	ND	0.0114		mg/Kg-dry	1	11/2/2020 3:00:04 PM
cis-1,2-Dichloroethene	ND	0.0114		mg/Kg-dry	1	11/2/2020 3:00:04 PM
Benzene	ND	0.0114		mg/Kg-dry	1	11/2/2020 3:00:04 PM
Trichloroethene (TCE)	ND	0.0114		mg/Kg-dry	1	11/2/2020 3:00:04 PM
Toluene	ND	0.0114		mg/Kg-dry	1	11/2/2020 3:00:04 PM
Tetrachloroethene (PCE)	ND	0.0114		mg/Kg-dry	1	11/2/2020 3:00:04 PM
Ethylbenzene	ND	0.0142		mg/Kg-dry	1	11/2/2020 3:00:04 PM
m,p-Xylene	ND	0.0284		mg/Kg-dry	1	11/2/2020 3:00:04 PM
o-Xylene	ND	0.0142		mg/Kg-dry	1	11/2/2020 3:00:04 PM
Surr: Dibromofluoromethane	99.8	85.2 - 113		%Rec	1	11/2/2020 3:00:04 PM
Surr: Toluene-d8	99.7	88.5 - 110		%Rec	1	11/2/2020 3:00:04 PM
Surr: 1-Bromo-4-fluorobenzene	97.5	88.6 - 109		%Rec	1	11/2/2020 3:00:04 PM
Sample Moisture (Percent Moisture)				Batch ID: R63063		Analyst: CJ
Percent Moisture	13.7	0.500		wt%	1	11/3/2020 8:40:47 AM

Analytical Report

Work Order: **2011001**
Date Reported: **11/3/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2011001-003 **Collection Date:** 10/31/2020 12:55:00 PM
Client Sample ID: **B-P47-P38-49-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30253		Analyst: DW
Diesel (Fuel Oil)	ND	24.7		mg/Kg-dry	1	11/2/2020 5:50:08 PM
Heavy Oil	ND	61.7		mg/Kg-dry	1	11/2/2020 5:50:08 PM
Surr: 2-Fluorobiphenyl	111	50 - 150		%Rec	1	11/2/2020 5:50:08 PM
Surr: o-Terphenyl	95.0	50 - 150		%Rec	1	11/2/2020 5:50:08 PM
Gasoline by NWTPH-Gx				Batch ID: 30254		Analyst: KT
Gasoline	ND	4.70		mg/Kg-dry	1	11/2/2020 3:30:12 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	11/2/2020 3:30:12 PM
Surr: 4-Bromofluorobenzene	92.2	65 - 135		%Rec	1	11/2/2020 3:30:12 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30254		Analyst: KT
Vinyl chloride	ND	0.0188		mg/Kg-dry	1	11/2/2020 3:30:12 PM
1,1-Dichloroethene	ND	0.0188		mg/Kg-dry	1	11/2/2020 3:30:12 PM
trans-1,2-Dichloroethene	ND	0.0188		mg/Kg-dry	1	11/2/2020 3:30:12 PM
cis-1,2-Dichloroethene	ND	0.0188		mg/Kg-dry	1	11/2/2020 3:30:12 PM
Benzene	ND	0.0188		mg/Kg-dry	1	11/2/2020 3:30:12 PM
Trichloroethene (TCE)	ND	0.0188		mg/Kg-dry	1	11/2/2020 3:30:12 PM
Toluene	ND	0.0188		mg/Kg-dry	1	11/2/2020 3:30:12 PM
Tetrachloroethene (PCE)	ND	0.0188		mg/Kg-dry	1	11/2/2020 3:30:12 PM
Ethylbenzene	ND	0.0235		mg/Kg-dry	1	11/2/2020 3:30:12 PM
m,p-Xylene	ND	0.0470		mg/Kg-dry	1	11/2/2020 3:30:12 PM
o-Xylene	ND	0.0235		mg/Kg-dry	1	11/2/2020 3:30:12 PM
Surr: Dibromofluoromethane	99.0	85.2 - 113		%Rec	1	11/2/2020 3:30:12 PM
Surr: Toluene-d8	97.9	88.5 - 110		%Rec	1	11/2/2020 3:30:12 PM
Surr: 1-Bromo-4-fluorobenzene	97.5	88.6 - 109		%Rec	1	11/2/2020 3:30:12 PM
Sample Moisture (Percent Moisture)				Batch ID: R63063		Analyst: CJ
Percent Moisture	24.8	0.500		wt%	1	11/3/2020 8:40:47 AM

Analytical Report

Work Order: **2011001**
Date Reported: **11/3/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2011001-004 **Collection Date:** 10/31/2020 1:20:00 PM
Client Sample ID: **B-P47-P36-50-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30253		Analyst: DW
Diesel (Fuel Oil)	ND	18.9		mg/Kg-dry	1	11/2/2020 6:20:11 PM
Heavy Oil	ND	47.2		mg/Kg-dry	1	11/2/2020 6:20:11 PM
Surr: 2-Fluorobiphenyl	113	50 - 150		%Rec	1	11/2/2020 6:20:11 PM
Surr: o-Terphenyl	95.4	50 - 150		%Rec	1	11/2/2020 6:20:11 PM
Gasoline by NWTPH-Gx				Batch ID: 30254		Analyst: KT
Gasoline	ND	3.07		mg/Kg-dry	1	11/2/2020 4:00:20 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	11/2/2020 4:00:20 PM
Surr: 4-Bromofluorobenzene	91.2	65 - 135		%Rec	1	11/2/2020 4:00:20 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30254		Analyst: KT
Vinyl chloride	ND	0.0123		mg/Kg-dry	1	11/2/2020 4:00:20 PM
1,1-Dichloroethene	ND	0.0123		mg/Kg-dry	1	11/2/2020 4:00:20 PM
trans-1,2-Dichloroethene	ND	0.0123		mg/Kg-dry	1	11/2/2020 4:00:20 PM
cis-1,2-Dichloroethene	0.0150	0.0123		mg/Kg-dry	1	11/2/2020 4:00:20 PM
Benzene	ND	0.0123		mg/Kg-dry	1	11/2/2020 4:00:20 PM
Trichloroethene (TCE)	ND	0.0123		mg/Kg-dry	1	11/2/2020 4:00:20 PM
Toluene	ND	0.0123		mg/Kg-dry	1	11/2/2020 4:00:20 PM
Tetrachloroethene (PCE)	0.0447	0.0123		mg/Kg-dry	1	11/2/2020 4:00:20 PM
Ethylbenzene	ND	0.0153		mg/Kg-dry	1	11/2/2020 4:00:20 PM
m,p-Xylene	ND	0.0307		mg/Kg-dry	1	11/2/2020 4:00:20 PM
o-Xylene	ND	0.0153		mg/Kg-dry	1	11/2/2020 4:00:20 PM
Surr: Dibromofluoromethane	100	85.2 - 113		%Rec	1	11/2/2020 4:00:20 PM
Surr: Toluene-d8	99.0	88.5 - 110		%Rec	1	11/2/2020 4:00:20 PM
Surr: 1-Bromo-4-fluorobenzene	97.0	88.6 - 109		%Rec	1	11/2/2020 4:00:20 PM
Sample Moisture (Percent Moisture)				Batch ID: R63063		Analyst: CJ
Percent Moisture	9.00	0.500		wt%	1	11/3/2020 8:40:47 AM

Analytical Report

Work Order: **2011001**
Date Reported: **11/3/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2011001-005 **Collection Date:** 10/31/2020 1:40:00 PM
Client Sample ID: **B-P47-P34-50-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30253		Analyst: DW
Diesel (Fuel Oil)	ND	22.1		mg/Kg-dry	1	11/2/2020 6:50:02 PM
Heavy Oil	438	55.3		mg/Kg-dry	1	11/2/2020 6:50:02 PM
Surr: 2-Fluorobiphenyl	114	50 - 150		%Rec	1	11/2/2020 6:50:02 PM
Surr: o-Terphenyl	95.9	50 - 150		%Rec	1	11/2/2020 6:50:02 PM
Gasoline by NWTPH-Gx				Batch ID: 30254		Analyst: KT
Gasoline	ND	3.29		mg/Kg-dry	1	11/2/2020 4:30:28 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	11/2/2020 4:30:28 PM
Surr: 4-Bromofluorobenzene	90.7	65 - 135		%Rec	1	11/2/2020 4:30:28 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30254		Analyst: KT
Vinyl chloride	ND	0.0131		mg/Kg-dry	1	11/2/2020 4:30:28 PM
1,1-Dichloroethene	ND	0.0131		mg/Kg-dry	1	11/2/2020 4:30:28 PM
trans-1,2-Dichloroethene	ND	0.0131		mg/Kg-dry	1	11/2/2020 4:30:28 PM
cis-1,2-Dichloroethene	ND	0.0131		mg/Kg-dry	1	11/2/2020 4:30:28 PM
Benzene	ND	0.0131		mg/Kg-dry	1	11/2/2020 4:30:28 PM
Trichloroethene (TCE)	ND	0.0131		mg/Kg-dry	1	11/2/2020 4:30:28 PM
Toluene	0.0258	0.0131		mg/Kg-dry	1	11/2/2020 4:30:28 PM
Tetrachloroethene (PCE)	0.0138	0.0131		mg/Kg-dry	1	11/2/2020 4:30:28 PM
Ethylbenzene	ND	0.0164		mg/Kg-dry	1	11/2/2020 4:30:28 PM
m,p-Xylene	ND	0.0329		mg/Kg-dry	1	11/2/2020 4:30:28 PM
o-Xylene	ND	0.0164		mg/Kg-dry	1	11/2/2020 4:30:28 PM
Surr: Dibromofluoromethane	97.9	85.2 - 113		%Rec	1	11/2/2020 4:30:28 PM
Surr: Toluene-d8	97.9	88.5 - 110		%Rec	1	11/2/2020 4:30:28 PM
Surr: 1-Bromo-4-fluorobenzene	96.3	88.6 - 109		%Rec	1	11/2/2020 4:30:28 PM
Sample Moisture (Percent Moisture)				Batch ID: R63063		Analyst: CJ
Percent Moisture	13.0	0.500		wt%	1	11/3/2020 8:40:47 AM

Analytical Report

Work Order: **2011001**
Date Reported: **11/3/2020**

CLIENT: Aspect Consulting
Project: Maddux South

Lab ID: 2011001-006 **Collection Date:** 10/30/2020 3:15:00 PM
Client Sample ID: **B-P45-P38-43-S** **Matrix:** Soil

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batch ID: 30253		Analyst: DW
Diesel (Fuel Oil)	ND	23.1		mg/Kg-dry	1	11/2/2020 7:19:56 PM
Heavy Oil	ND	57.8		mg/Kg-dry	1	11/2/2020 7:19:56 PM
Surr: 2-Fluorobiphenyl	112	50 - 150		%Rec	1	11/2/2020 7:19:56 PM
Surr: o-Terphenyl	93.4	50 - 150		%Rec	1	11/2/2020 7:19:56 PM
Gasoline by NWTPH-Gx				Batch ID: 30254		Analyst: KT
Gasoline	ND	4.79		mg/Kg-dry	1	11/2/2020 5:00:38 PM
Surr: Toluene-d8	100	65 - 135		%Rec	1	11/2/2020 5:00:38 PM
Surr: 4-Bromofluorobenzene	91.6	65 - 135		%Rec	1	11/2/2020 5:00:38 PM
Volatile Organic Compounds by EPA Method 8260D				Batch ID: 30254		Analyst: KT
Vinyl chloride	ND	0.0192		mg/Kg-dry	1	11/2/2020 5:00:38 PM
1,1-Dichloroethene	ND	0.0192		mg/Kg-dry	1	11/2/2020 5:00:38 PM
trans-1,2-Dichloroethene	ND	0.0192		mg/Kg-dry	1	11/2/2020 5:00:38 PM
cis-1,2-Dichloroethene	ND	0.0192		mg/Kg-dry	1	11/2/2020 5:00:38 PM
Benzene	ND	0.0192		mg/Kg-dry	1	11/2/2020 5:00:38 PM
Trichloroethene (TCE)	ND	0.0192		mg/Kg-dry	1	11/2/2020 5:00:38 PM
Toluene	ND	0.0192		mg/Kg-dry	1	11/2/2020 5:00:38 PM
Tetrachloroethene (PCE)	ND	0.0192		mg/Kg-dry	1	11/2/2020 5:00:38 PM
Ethylbenzene	ND	0.0240		mg/Kg-dry	1	11/2/2020 5:00:38 PM
m,p-Xylene	ND	0.0479		mg/Kg-dry	1	11/2/2020 5:00:38 PM
o-Xylene	ND	0.0240		mg/Kg-dry	1	11/2/2020 5:00:38 PM
Surr: Dibromofluoromethane	98.3	85.2 - 113		%Rec	1	11/2/2020 5:00:38 PM
Surr: Toluene-d8	97.5	88.5 - 110		%Rec	1	11/2/2020 5:00:38 PM
Surr: 1-Bromo-4-fluorobenzene	97.1	88.6 - 109		%Rec	1	11/2/2020 5:00:38 PM
Sample Moisture (Percent Moisture)				Batch ID: R63063		Analyst: CJ
Percent Moisture	14.3	0.500		wt%	1	11/3/2020 8:40:47 AM

Work Order: 2011001
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **MB-30253**	SampType: **MBLK**			Units: **mg/Kg**		Prep Date: **11/2/2020**		RunNo: **63061**		
Client ID: **MBLKS**	Batch ID: **30253**					Analysis Date: **11/2/2020**		SeqNo: **1265708**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	20.0									
Heavy Oil	ND	50.0									
Surr: 2-Fluorobiphenyl	24.3		20.00		121	50	150				
Surr: o-Terphenyl	20.1		20.00		101	50	150				

Sample ID: **LCS-30253**	SampType: **LCS**			Units: **mg/Kg**		Prep Date: **11/2/2020**		RunNo: **63061**		
Client ID: **LCSS**	Batch ID: **30253**					Analysis Date: **11/2/2020**		SeqNo: **1265709**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	492	20.0	500.0	0	98.5	65	135				
Surr: 2-Fluorobiphenyl	23.6		20.00		118	50	150				
Surr: o-Terphenyl	22.1		20.00		110	50	150				

Sample ID: **2010469-011ADUP**	SampType: **DUP**			Units: **mg/Kg**		Prep Date: **11/2/2020**		RunNo: **63061**		
Client ID: **BATCH**	Batch ID: **30253**					Analysis Date: **11/3/2020**		SeqNo: **1265725**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	ND	18.2						0		30	
Heavy Oil	ND	45.4						0		30	
Surr: 2-Fluorobiphenyl	19.8		18.17		109	50	150		0		
Surr: o-Terphenyl	16.9		18.17		92.8	50	150		0		

Sample ID: **2010469-014AMS**	SampType: **MS**			Units: **mg/Kg**		Prep Date: **11/2/2020**		RunNo: **63061**		
Client ID: **BATCH**	Batch ID: **30253**					Analysis Date: **11/3/2020**		SeqNo: **1265729**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	472	19.7	493.1	0	95.8	65	135				
Surr: 2-Fluorobiphenyl	21.9		19.72		111	50	150				
Surr: o-Terphenyl	20.5		19.72		104	50	150				

Work Order: 2011001
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.

Sample ID: **2010469-014AMS**	SampType: **MS**			Units: **mg/Kg**		Prep Date: **11/2/2020**			RunNo: **63061**		
Client ID: **BATCH**	Batch ID: **30253**					Analysis Date: **11/3/2020**			SeqNo: **1265729**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sample ID: **2010469-014AMSD**	SampType: **MSD**			Units: **mg/Kg**		Prep Date: **11/2/2020**			RunNo: **63061**		
Client ID: **BATCH**	Batch ID: **30253**					Analysis Date: **11/3/2020**			SeqNo: **1265730**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel (Fuel Oil)	437	17.8	446.0	0	98.1	65	135	472.2	7.66	30	
Surr: 2-Fluorobiphenyl	19.1		17.84		107	50	150		0		
Surr: o-Terphenyl	18.6		17.84		104	50	150		0		

Work Order: 2011001
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **MB-30254**	SampType: **MBLK**	Units: **mg/Kg**	Prep Date: **11/2/2020**	RunNo: **63071**
Client ID: **MBLKS**	Batch ID: **30254**		Analysis Date: **11/2/2020**	SeqNo: **1265923**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: Toluene-d8	1.27		1.250		102	65	135				
Surr: 4-Bromofluorobenzene	1.16		1.250		92.6	65	135				

Sample ID: **2011001-001BDUP**	SampType: **DUP**	Units: **mg/Kg-dry**	Prep Date: **11/2/2020**	RunNo: **63071**
Client ID: **B-P43-P30-48-S**	Batch ID: **30254**		Analysis Date: **11/2/2020**	SeqNo: **1265913**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	2.89						0		30	
Surr: Toluene-d8	0.738		0.7231		102	65	135		0		
Surr: 4-Bromofluorobenzene	0.660		0.7231		91.2	65	135		0		

Sample ID: **2010469-001BDUP**	SampType: **DUP**	Units: **mg/Kg**	Prep Date: **11/2/2020**	RunNo: **63071**
Client ID: **BATCH**	Batch ID: **30254**		Analysis Date: **11/2/2020**	SeqNo: **1265897**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	4.23						0		30	
Surr: Toluene-d8	1.07		1.057		101	65	135		0		
Surr: 4-Bromofluorobenzene	0.978		1.057		92.5	65	135		0		

Sample ID: **2010469-002BMS**	SampType: **MS**	Units: **mg/Kg**	Prep Date: **11/2/2020**	RunNo: **63071**
Client ID: **BATCH**	Batch ID: **30254**		Analysis Date: **11/2/2020**	SeqNo: **1265899**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	45.0	5.76	28.79	6.222	135	65	135				
Surr: Toluene-d8	1.50		1.439		104	65	135				
Surr: 4-Bromofluorobenzene	1.43		1.439		99.5	65	135				

Work Order: 2011001
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: **LCS-30254** SampType: **LCS** Units: **mg/Kg** Prep Date: **11/2/2020** RunNo: **63071**
Client ID: **LCSS** Batch ID: **30254** Analysis Date: **11/3/2020** SeqNo: **1265922**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	30.5	5.00	25.00	0	122	65	135				
Surr: Toluene-d8	1.28		1.250		102	65	135				
Surr: 4-Bromofluorobenzene	1.22		1.250		97.4	65	135				

Work Order: 2011001
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **LCS-30254** SampType: **LCS** Units: **µg/L** Prep Date: **11/2/2020** RunNo: **63069**
Client ID: **LCSS** Batch ID: **30254** Analysis Date: **11/2/2020** SeqNo: **1266106**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.880	0.0200	1.000	0	88.0	66	131				
1,1-Dichloroethene	0.980	0.0200	1.000	0	98.0	63.4	139				
trans-1,2-Dichloroethene	1.00	0.0200	1.000	0	100	80.5	116				
cis-1,2-Dichloroethene	1.01	0.0200	1.000	0	101	81.8	114				
Benzene	0.999	0.0200	1.000	0	99.9	79.4	116				
Trichloroethene (TCE)	0.998	0.0200	1.000	0	99.8	80.8	117				
Toluene	1.01	0.0200	1.000	0	101	80.5	115				
Tetrachloroethene (PCE)	1.04	0.0200	1.000	0	104	81.8	116				
Ethylbenzene	1.00	0.0250	1.000	0	100	81.6	116				
m,p-Xylene	2.02	0.0500	2.000	0	101	83.2	115				
o-Xylene	1.01	0.0250	1.000	0	101	82.5	114				
Surr: Dibromofluoromethane	1.30		1.250		104	85.2	113				
Surr: Toluene-d8	1.25		1.250		100	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.28		1.250		102	88.6	109				

Sample ID: **MB-30254** SampType: **MBLK** Units: **mg/Kg** Prep Date: **11/2/2020** RunNo: **63069**
Client ID: **MBLKS** Batch ID: **30254** Analysis Date: **11/2/2020** SeqNo: **1265839**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0200									
1,1-Dichloroethene	ND	0.0200									
trans-1,2-Dichloroethene	ND	0.0200									
cis-1,2-Dichloroethene	ND	0.0200									
Benzene	ND	0.0200									
Trichloroethene (TCE)	ND	0.0200									
Toluene	ND	0.0200									
Tetrachloroethene (PCE)	ND	0.0200									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									

Work Order: 2011001
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **MB-30254** SampType: **MBLK** Units: **mg/Kg** Prep Date: **11/2/2020** RunNo: **63069**
Client ID: **MBLKS** Batch ID: **30254** Analysis Date: **11/2/2020** SeqNo: **1265839**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.24		1.250		99.0	85.2	113				
Surr: Toluene-d8	1.23		1.250		98.2	88.5	110				
Surr: 1-Bromo-4-fluorobenzene	1.23		1.250		98.3	88.6	109				

Sample ID: **2011001-001BDUP** SampType: **DUP** Units: **mg/Kg-dry** Prep Date: **11/2/2020** RunNo: **63069**
Client ID: **B-P43-P30-48-S** Batch ID: **30254** Analysis Date: **11/2/2020** SeqNo: **1265818**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0116						0		30	
1,1-Dichloroethene	ND	0.0116						0		30	
trans-1,2-Dichloroethene	ND	0.0116						0		30	
cis-1,2-Dichloroethene	ND	0.0116						0		30	
Benzene	ND	0.0116						0		30	
Trichloroethene (TCE)	ND	0.0116						0		30	
Toluene	ND	0.0116						0		30	
Tetrachloroethene (PCE)	ND	0.0116						0		30	
Ethylbenzene	ND	0.0145						0		30	
m,p-Xylene	ND	0.0289						0		30	
o-Xylene	ND	0.0145						0		30	
Surr: Dibromofluoromethane	0.710		0.7231		98.2	85.2	113		0		
Surr: Toluene-d8	0.711		0.7231		98.4	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	0.695		0.7231		96.2	88.6	109		0		

Sample ID: **2010469-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **11/2/2020** RunNo: **63069**
Client ID: **BATCH** Batch ID: **30254** Analysis Date: **11/2/2020** SeqNo: **1265789**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.0169						0		30	
1,1-Dichloroethene	ND	0.0169						0		30	

Work Order: 2011001
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2010469-001BDUP** SampType: **DUP** Units: **mg/Kg** Prep Date: **11/2/2020** RunNo: **63069**
Client ID: **BATCH** Batch ID: **30254** Analysis Date: **11/2/2020** SeqNo: **1265789**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0169						0		30	
cis-1,2-Dichloroethene	0.0208	0.0169						0.02259	8.16	30	
Benzene	ND	0.0169						0		30	
Trichloroethene (TCE)	ND	0.0169						0		30	
Toluene	ND	0.0169						0		30	
Tetrachloroethene (PCE)	ND	0.0169						0		30	
Ethylbenzene	ND	0.0211						0		30	
m,p-Xylene	ND	0.0423						0		30	
o-Xylene	ND	0.0211						0		30	
Surr: Dibromofluoromethane	1.05		1.057		99.1	85.2	113		0		
Surr: Toluene-d8	1.04		1.057		98.1	88.5	110		0		
Surr: 1-Bromo-4-fluorobenzene	1.04		1.057		98.1	88.6	109		0		

Sample ID: **2011001-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **11/2/2020** RunNo: **63069**
Client ID: **B-P45-P30-49-S** Batch ID: **30254** Analysis Date: **11/2/2020** SeqNo: **1265822**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.618	0.0114	0.5687	0	109	52.8	150				
1,1-Dichloroethene	0.680	0.0114	0.5687	0	120	62.9	149				
trans-1,2-Dichloroethene	0.681	0.0114	0.5687	0	120	73.1	130				
cis-1,2-Dichloroethene	0.672	0.0114	0.5687	0	118	77.5	125				
Benzene	0.676	0.0114	0.5687	0	119	74.6	126				
Trichloroethene (TCE)	0.670	0.0114	0.5687	0	118	72	133				
Toluene	0.683	0.0114	0.5687	0	120	72.6	127				
Tetrachloroethene (PCE)	0.708	0.0114	0.5687	0	125	72.7	128				
Ethylbenzene	0.687	0.0142	0.5687	0	121	77.3	126				
m,p-Xylene	1.37	0.0284	1.137	0	121	78.5	126				
o-Xylene	0.670	0.0142	0.5687	0	118	79.4	123				
Surr: Dibromofluoromethane	0.748		0.7109		105	85.2	113				
Surr: Toluene-d8	0.715		0.7109		101	88.5	110				

Work Order: 2011001
CLIENT: Aspect Consulting
Project: Maddux South

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260D

Sample ID: **2011001-002BMS** SampType: **MS** Units: **mg/Kg-dry** Prep Date: **11/2/2020** RunNo: **63069**
Client ID: **B-P45-P30-49-S** Batch ID: **30254** Analysis Date: **11/2/2020** SeqNo: **1265822**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1-Bromo-4-fluorobenzene	0.719		0.7109		101	88.6	109				

Sample Log-In Check List

Client Name:	**AC**	Work Order Number:	**2011001**
Logged by:	**Gabrielle Coeuille**	Date Received:	**11/2/2020 9:10:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No	☐	Not Present ☐
2.	How was the sample delivered?	Picked up by FAI				

Log In

3.	Coolers are present?	Yes	☑	No	☐	NA ☐
4.	Shipping container/cooler in good condition?	Yes	☑	No	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes	☐	No	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	Yes	☑	No	☐	NA ☐
7.	Were all items received at a temperature of >2°C to 6°C *	Yes	☑	No	☐	NA ☐
8.	Sample(s) in proper container(s)?	Yes	☑	No	☐	
9.	Sufficient sample volume for indicated test(s)?	Yes	☑	No	☐	
10.	Are samples properly preserved?	Yes	☑	No	☐	
11.	Was preservative added to bottles?	Yes	☐	No	☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes	☐	No	☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes	☑	No	☐	
14.	Does paperwork match bottle labels?	Yes	☑	No	☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No	☐	
16.	Is it clear what analyses were requested?	Yes	☑	No	☐	
17.	Were all holding times able to be met?	Yes	☑	No	☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes	☐	No	☐	NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample 1	0.8

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/31/20 Page: 1 of: 1

Laboratory Project No (internal): 2011001

Special Remarks:

Project Name: Maddux South

Project No: 160324

Client: Aspect Consulting

Address: 710 Second Ave, #550

City, State, Zip: Seattle, WA 98104

Telephone:

Fax:

Collected by: Andrew Yonkofski

Location: Maddux South

Report To (PM): ayonkofski@aspectconsulting.com

PM Email:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs/BTEX				Comments
1	B-P43-P30-48-S	10/31/20	1000	Soil		X			X									X					
2	B-P45-P30-49-S	10/31/20	1005	Soil		X			X									X					
3	B-P47-P38-49-S	10/31/20	1255	Soil		X			X									X					
4	B-P47-P36-50-S	10/31/20	1320	Soil		X			X									X					
5	B-P47-P34-50-S	10/31/20	1340	Soil		X			X									X					
6	B-P45-P38-43-S	10/30/20	1515	Soil		X			X									X					
7																							
8																							
9																							
10																							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☒ Next Day
- Same Day ____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	11/2/2020 0840	x [signature]	11/2/20 8:40
Relinquished x [signature]	Date/Time 11/2/20 9:09	Received x [signature]	Date/Time 11/2/20 0910

Libby Environmental, Inc.
3322 South Bay Road NE • Olympia, WA 98506-2957

November 6, 2020

Andrew Yonkofski
Aspect Consulting, LLC
710 2nd Ave, Ste 550
Seattle, WA 98104

Dear Mr. Yonkofski:

Please find enclosed the analytical data report for the Maddox North, Maddox South Project located in Seattle, 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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/4/2020 Page: 1 of: 3

Project Name: Maddux North / South

Project No: 160324

Collected by: DWU / CEB

Location: Maddux North / South

Report To (PM): A. Yorkofski

PM Email: ayorkofski@aspectconsulting.com

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 413-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	CVOCs 8260	Hold		Comments
1	B-P32-P53-60-N	~~0420~~	0920	S												X				11/4/20 Sample date
2	B-P32-P53-57-N	11/4/20	0930																	B-P32-P53-57-N
3	B-P32-P53-54-N		0940																	B-P32-P53-54-N
4	B-P32-P53-51-N		0945																	B-P32-P53-51-N
5	B-P32-P53-48-N		0955																	B-P32-P53-48-N
6	B-P32-P51-57-N		1045																	Changes requested by on-site staff
7	B-P32-P51-54-N		1050																	11/5/2020
8	B-P32-P51-51-N		1055																	Hold
9	B-P32-P51-48-N		1105																	Hold
10	B-P30-P51-60-N	↓	1140	↓													X			Analyze 11-4 AY

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	11/4/20 1450	x [signature] CMA	11-4-20 1450
Relinquished x	Date/Time	Received x	Date/Time

Turn-around Time:
- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/4/2020 Page: 2 of: 3

Project Name: Maddux North/South

Project No: 160324

Collected by: DWU / CEB

Location: Maddux North / South

Report To (PM): A. Yankelski

PM Email: ayankelski@aspectconsulting.com

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 413-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs Hold			Comments
1	B-P30-P51-57-N	11/4/20	1145	S													X			analyze 11-4 AY
2	B-P30-P51-54-N		1150																	analyze 11-4 AY
3	B-P30-P51-51-N		1200																	Hold
4	B-P30-P51-48-N		1210																	Hold
5	B-P30-P49-57-N		1220													X				
6	B-P30-P49-54-N		1230																	
7	B-P30-P49-51-N		1235																	
8	B-P30-P49-48-N		1240																	Hold
9	B-P32-P19-44-S		0845																	~~B-P32-P19-42-S~~ SC
10	B-P32-P20.5-44.5		0850																	~~B-P32-P20.5-42.5~~ SC

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

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***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

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x [signature]	11/4/20 1450	x [signature] CAA	11-4-20 1450
Relinquished x	Date/Time	Received x	Date/Time

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/4/2020 Page: 3 of: 3

Project Name: Maddox North / South

Project No: 160324

Collected by: DWU / LEB

Location: Maddox North / South

Report To (PM): A. Yonkofski

PM Email: ayonkofski@aspectconsulting.com

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA. 98104

Telephone: (206) 413-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260	Hold 8260			Comments
1	B-P32-P19-42-S	11/4/20	1305	S													X					
2	B-P32-P20.5-42-S		1320														X					
3	B-P32-P19-40-S		1335															X				
4	B-P32-P20.5-42-S		1345															X				
5	B-P34.25-P49-56-N		1415														X					
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

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Relinquished	Date/Time	Received	Date/Time
x [signature]	11/4/20 1450	x [signature]	11-4-20 1450
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	B-P32-P49-54-N	B-P32-P49-51-N	B-P32-P49-48-N	B-P32-P53-60-N	B-P32-P53-57-N
Date Sampled	Reporting	N/A	11/3/2020	11/3/2020	11/3/2020	11/4/2020	11/4/2020
Date Analyzed	Limits	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	0.18	0.33	nd	nd
Trichloroethene (TCE)	0.02	nd	0.023	0.073	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	0.39	1.02	nd	nd	0.072
Surrogate Recovery							
Dibromofluoromethane		118	119	120	122	120	117
1,2-Dichloroethane-d4		118	115	109	114	112	108
Toluene-d8		88	86	88	88	88	87
4-Bromofluorobenzene		85	79	80	80	79	80

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P53-54-N	B-P32-P53-51-N	B-P32-P53-48-N	B-P32-P51-57-N	B-P32-P51-54-N	B-P30-P51-60-N
Date Sampled	Reporting	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020
Date Analyzed	Limits	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/5/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	0.022	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	0.36	0.29	nd	0.079	nd	nd
Surrogate Recovery							
Dibromofluoromethane		119	114	112	116	121	116
1,2-Dichloroethane-d4		113	106	108	110	118	112
Toluene-d8		87	86	87	87	87	87
4-Bromofluorobenzene		78	85	87	80	77	81

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P30-P51-57-N	B-P30-P51-54-N	B-P30-P49-57-N	B-P30-P49-54-N	B-P30-P49-51-N	Method Blank
Date Sampled	Reporting	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	N/A
Date Analyzed	Limits	11/4/2020	11/4/2020	11/4/2020	11/5/2020	11/5/2020	11/4/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	0.13	0.17	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	0.27	nd	nd
Tetrachloroethene (PCE)	0.03	nd	0.20	0.13	5.8	0.12	nd
Surrogate Recovery							
Dibromofluoromethane		113	113	120	115	115	114
1,2-Dichloroethane-d4		106	107	111	111	111	112
Toluene-d8		87	88	87	89	89	88
4-Bromofluorobenzene		82	85	77	95	114	86

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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Olympia, WA 98506
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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P19-44-S	B-P32-P20.5-44-S	B-P32-P19-42-S	B-P32-P19-42-S Dup	B-P32-P20.5-42-S
Date Sampled	Reporting	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020
Date Analyzed	Limits	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	0.032	0.033	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	0.16	0.16	0.14	0.19	nd
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
Surrogate Recovery						
Dibromofluoromethane		118	122	124	123	120
1,2-Dichloroethane-d4		105	114	113	118	113
Toluene-d8		88	90	87	87	87
4-Bromofluorobenzene		79	81	76	79	79

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

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Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P34.25-P49-56-N
Date Sampled	Reporting	11/4/2020
Date Analyzed	Limits	11/4/2020
	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd
cis -1,2-Dichloroethene	0.03	nd
Trichloroethene (TCE)	0.02	nd
Tetrachloroethene (PCE)	0.03	0.18
Surrogate Recovery		
Dibromofluoromethane		117
1,2-Dichloroethane-d4		116
Toluene-d8		86
4-Bromofluorobenzene		99

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-P32-P19-42-S

Date Analyzed 11/4/2020

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl chloride	0.25	0.25	0.23	100	90	10.1	65-135	
cis-1,2-Dichloroethene	0.25	0.26	0.26	106	103	2.3	65-135	
Trichloroethene (TCE)	0.25	0.24	0.21	96	85	11.9	65-135	
Tetrachloroethene (PCE)	0.25	0.19	0.21	74	82	10.3	65-135	
Benzene	0.25	0.23	0.25	90	101	11.3	65-135	
Toluene	0.25	0.20	0.19	78	75	3.7	65-135	
Ethylbenzene	0.25	0.20	0.19	80	78	3.0	65-135	
Total Xylenes	0.75	0.56	0.55	74	73	1.8	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	118	116	65-135
1,2-Dichloroethane-d4	111	113	65-135
Toluene-d8	90	91	65-135
4-Bromofluorobenzene	100	94	65-135

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed 11/4/2020

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.22	86	80-120	
cis-1,2-Dichloroethene	0.25	0.26	102	80-120	
Trichloroethene (TCE)	0.25	0.27	109	80-120	
Tetrachloroethene (PCE)	0.25	0.30	118	80-120	
Benzene	0.25	0.25	100	80-120	
Toluene	0.25	0.22	89	80-120	
Ethylbenzene	0.25	0.23	93	80-120	
Total Xylenes	0.75	0.66	88	80-120	

Surrogate Recovery			
Dibromofluoromethane	116	65-135	
1,2-Dichloroethane-d4	114	65-135	
Toluene-d8	92	65-135	
4-Bromofluorobenzene	100	65-135	

ANALYSES PERFORMED BY: Sherry Chilcutt

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Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-P30-P51-60-N

Date Analyzed 11/5/2020

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl chloride	0.25	0.26	0.27	102	106	3.8	65-135	
cis-1,2-Dichloroethene	0.25	0.22	0.24	90	96	6.9	65-135	
Trichloroethene (TCE)	0.25	0.22	0.23	89	91	2.7	65-135	
Tetrachloroethene (PCE)	0.25	0.24	0.29	97	116	18.0	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	115	112	65-135
1,2-Dichloroethane-d4	110	104	65-135
Toluene-d8	91	90	65-135
4-Bromofluorobenzene	130	105	65-135

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed 11/4/2020

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.26	104	80-120	
cis-1,2-Dichloroethene	0.25	0.23	94	80-120	
Trichloroethene (TCE)	0.25	0.23	92	80-120	
Tetrachloroethene (PCE)	0.25	0.25	101	80-120	

Surrogate Recovery			
Dibromofluoromethane	118	65-135	
1,2-Dichloroethane-d4	116	65-135	
Toluene-d8	94	65-135	
4-Bromofluorobenzene	109	65-135	

ANALYSES PERFORMED BY: Sherry Chilcutt

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Analyses of Gasoline (NWTPH-Gx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)
Method Blank	11/4/2020	88%	nd
B-P32-P19-44-S	11/4/2020	88%	nd
B-P32-P20.5-44-S	11/4/2020	90%	nd
B-P32-P19-42-S	11/4/2020	87%	nd
B-P32-P19-42-S Dup	11/4/2020	87%	nd
B-P32-P20.5-42-S	11/4/2020	87%	nd
Practical Quantitation Limit			10

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201104-10
Client Project # 160324

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	11/4/2020	86	nd	nd
B-P32-P19-44-S	11/4/2020	83	nd	nd
B-P32-P20.5-44-S	11/4/2020	89	nd	nd
B-P32-P20.5-44-S Dup	11/4/2020	80	nd	nd
B-P32-P19-42-S	11/4/2020	91	nd	nd
B-P32-P20.5-42-S	11/4/2020	77	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: Sherry Chilcutt

Libby Environmental, Inc.
3322 South Bay Road NE • Olympia, WA 98506-2957

November 6, 2020

Andrew Yonkofski
Aspect Consulting, LLC
710 2nd Ave, Ste 550
Seattle, WA 98104

Dear Mr. Yonkofski:

Please find enclosed the analytical data report for the Maddox North, Maddox South Project located in Seattle, 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

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/5/20 Page: 1 of: 1

Project Name: Maddux N

Project No: 160324

Collected by: RAC

Location: Maddux N

Report To (PM): Andrew Yankofski

PM Email: ayankofski@aspectconsulting.com

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Client: Aspect Consulting

Address: 710 2nd Ave, Ste 550

City, State, Zip: Seattle, WA 98104

Telephone: (206) 413-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	cVOCs 8260				Comments
1	B-P34.25-P53-5.5-N	11/5/20	0850	Soil													X				
2	B-P34.25-P51-5.5-N		0940																		
3	B-P32-P1-6.0-N		1250																		
4	B-P34.25-P47-5.5-N		1330																		
5	B-P32-P1-57.5-N		1437																		
6	SW-P32-P21.5-42-S	11/5/20	0835	Soil				X	X								X				
7	SW-P32-P19-42-S	11/5/20	0825	Soil				X	X								X				
8																					
9																					
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x Rachel Cu	11/5/20 1600	x [signature]	11-5-20 1600
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- ☐ Same Day ____ (specify)

Libby Environmental, Inc.

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201105-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	B-P30-P51-51-N	B-P30-P49-48-N	B-P34.25-P53-56-N	B-P34.25-P51-56-N
Date Sampled	Reporting	N/A	11/4/2020	11/4/2020	11/5/2020	11/5/2020
Date Analyzed	Limits	11/5/2020	11/5/2020	11/5/2020	11/5/2020	11/5/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	0.12	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	0.064	0.14
Surrogate Recovery						
Dibromofluoromethane		116	113	109	117	120
1,2-Dichloroethane-d4		109	9	90	108	109
Toluene-d8		90	88	89	86	87
4-Bromofluorobenzene		82	84	75	77	78

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201105-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P1-60-N	B-P34.25-P47-56-N	B-P32-P1-57.5-N
Date Sampled	Reporting	11/5/2020	11/5/2020	11/5/2020
Date Analyzed	Limits	11/5/2020	11/5/2020	11/5/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	0.081	nd
Trichloroethene (TCE)	0.02	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd
Surrogate Recovery				
Dibromofluoromethane		117	123	111
1,2-Dichloroethane-d4		117	101	91
Toluene-d8		85	88	88
4-Bromofluorobenzene		79	80	106

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ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

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Seattle, Washington
Libby Project # L201105-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P19-40-S	SW-P32-P21.5-42-S	SW-P32-P21.5-42-S	SW-P32-P19-42-S
Date Sampled	Reporting	11/4/2020	11/5/2020	11/5/2020	11/5/2020
Date Analyzed	Limits	11/5/2020	11/5/2020	11/5/2020	11/5/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd
Benzene	0.02	nd	nd	nd	nd
Toluene	0.10	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd
Total Xylenes	0.15	nd	nd	nd	nd
Surrogate Recovery					
Dibromofluoromethane		115	123	109	120
1,2-Dichloroethane-d4		101	113	86	107
Toluene-d8		89	89	86	88
4-Bromofluorobenzene		79	81	73	82

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ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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Seattle, Washington
Libby Project # L201105-10
Client Project # 160324

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: SW-P32-P21.5-42-S

Date Analyzed 11/5/2020

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl chloride	0.25	0.23	0.26	92	104	11.8	65-135	
cis-1,2-Dichloroethene	0.25	0.22	0.27	87	109	22.9	65-135	
Trichloroethene (TCE)	0.25	0.23	0.25	90	99	9.3	65-135	
Tetrachloroethene (PCE)	0.25	0.25	0.27	99	108	8.1	65-135	
Benzene	0.25	0.21	0.25	84	101	18.1	65-135	
Toluene	0.25	0.20	0.23	79	93	15.8	65-135	
Ethylbenzene	0.25	0.21	0.23	84	93	10.4	65-135	
Total Xylenes	0.75	0.57	0.67	76	89	15.6	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	114	116	65-135
1,2-Dichloroethane-d4	98	104	65-135
Toluene-d8	94	96	65-135
4-Bromofluorobenzene	95	99	65-135

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed 11/5/2020

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.27	107	80-120	
cis-1,2-Dichloroethene	0.25	0.26	104	80-120	
Trichloroethene (TCE)	0.25	0.25	99	80-120	
Tetrachloroethene (PCE)	0.25	0.27	107	80-120	
Benzene	0.25	0.24	95	80-120	
Toluene	0.25	0.21	85	80-120	
Ethylbenzene	0.25	0.23	94	80-120	
Total Xylenes	0.75	0.65	87	80-120	

Surrogate Recovery			
Dibromofluoromethane	112	65-135	
1,2-Dichloroethane-d4	110	65-135	
Toluene-d8	93	65-135	
4-Bromofluorobenzene	97	65-135	

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201105-10
Client Project # 160324

Analyses of Gasoline (NWTPH-Gx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)
Method Blank	11/5/2020	90%	nd
B-P32-P19-40-S	11/5/2020	89%	nd
SW-P32-P19-42-S	11/5/2020	88%	nd
SW-P32-P21.5-42-S	11/5/2020	89%	nd
SW-P32-P21.5-42-S Dup	11/5/2020	86%	nd
Practical Quantitation Limit			10

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201105-10
Client Project # 160324

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	11/5/2020	70	nd	nd
B-P32-P19-40-S	11/5/2020	84	nd	nd
SW-P32-P19-42-S	11/5/2020	72	nd	nd
SW-P32-P19-42-S Dup	11/5/2020	76	nd	nd
SW-P32-P21.5-42-S	11/5/2020	70	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: Sherry Chilcutt

Libby Environmental, Inc.
3322 South Bay Road NE • Olympia, WA 98506-2957

November 6, 2020

Andrew Yonkofski
Aspect Consulting, LLC
710 2nd Ave, Ste 550
Seattle, WA 98104

Dear Mr. Yonkofski:

Please find enclosed the analytical data report for the Maddox North, Maddox South Project located in Seattle, 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

Chain of Custody Record & Laboratory Services Agreement

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3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/2/2020 Page: 1 of:

Project Name: Maddux North, Maddux South

Project No: 160324

Collected by: DWJ, RAL

Location: Maddux North, Maddux South

Report To (PM): A Yonkofski

PM Email: ayonkofski@aspectconsulting.com

Client: Aspect Consulting

Address: 710 2nd Ave, Ste 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 413-5411

Fax:

Laboratory Project No (internal):

Special Remarks: -1.7° cooler

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	EDC/S 8260				Comments
1	B-P32-P20.5-40-S	11/2/20	1320	S		X				X							X				
2	B-P30-P21.5-38-S		1340																		
3	B-P47-P32-50-S		1515																		
4	B-P14-P12-50-S		1525																		
5	B-P32-P19-46-S		1600																		
6	B-P52-P20.5-46-S		1605																		
7	B-P32-P19-60-N		1615																		
8	B-P30-P19-60-N		1625																		
9	B-P28-P19-60-N		1657																		
10	B-P26-P19-60-N		1710																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	11/3/20	x [signature] UA	11-30-20 0720
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/3/2020 Page: 1 of:

Project Name: Maddux North

Project No: 160324

Collected by: DWV, CEB

Location: Maddux North

Report To (PM): A. Yonkofski

PM Email: ayonkofski@aspectconsulting.com

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Client: Aspect

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 443-5411

Fax:

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	CHOCs				Comments
1	B-P31-P45-50-N	11/3/20	0840	S																		
2	B-P31-P45-48-N		0850																			
3	B-P27-P47-54-N		1115																			
4	B-P27-P47-51-N		1120																			1 to ld
5	B-P27-P47-48-N		1150																			1 to ld
6	B-P24-P~~47~~-54-N		1205																			
7	B-P24-P47-51-N		~~1310~~																			Sample time 1320
8	B-P24-P47-48-N		~~1320~~																			Sample time 1330 1 to ld
9	B-P33-P47-54-N		1410																			
10	B-P33-P47-51-N		1405																			1 to ld

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	11/3/2020 1550	x	11-3-20 1550
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 11/3/2020 Page: 2 of: 2

Project Name: Maddox North

Project No: 160324

Collected by: DWW, CEB

Location: Maddox North

Report To (PM): A. Yonkofski

PM Email: ayonkofski@aspectconsulting.com

Client: Aspect Consulting

Address: 710 2nd Ave, Ste. 550

City, State, Zip: Seattle, WA, 98104

Telephone: (206) 413-5411

Fax:

Laboratory Project No (internal):

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	CVOCs by 8260				Comments
1	B-P33-P47-48-N	11/3/20	1435	S																	Hold
2	B-P32-P51-60-N		1325																		
3	B-P31-P47-54-N		1445																		
4	B-P31-P47-54-N		1450																		Hold
5	B-P31-P47-48-N		1500																		Hold
6	B-P32-P44-57-N		1510																		
7	B-P32-P44-54-N		1520																		~~Hold~~ Analyze 11-4 AA
8	B-P32-P44-51-N		1530																		~~Hold~~ Analyze 11-4 AA
9	B-P32-P44-48-N		1535																		~~Hold~~ Analyze 11-4 AA
10																					

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	11/3/20 1550	x [signature]	11-3 1550
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☐ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ____ (specify)

Libby Environmental, Inc.

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	B-P30-P20.5-40-S	B-P30-P21.5-38-S	B-P47-P32-50-S	B-P14-P12-50-S	B-P14-P12-50-S Dup
Date Sampled	Reporting	N/A	11/2/2020	11/2/2020	11/2/2020	11/2/2020	11/2/2020
Date Analyzed	Limits	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd	0.036	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd	nd	nd
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
Surrogate Recovery							
Dibromofluoromethane		99	104	105	106	102	105
1,2-Dichloroethane-d4		79	88	96	90	86	89
Toluene-d8		96	93	95	90	95	90
4-Bromofluorobenzene		95	90	91	89	93	88

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P19-46-S	B-P32-P20.5-46-S
Date Sampled	Reporting	11/2/2020	11/2/2020
Date Analyzed	Limits	11/3/2020	11/3/2020
	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd
Trichloroethene (TCE)	0.02	nd	nd
Tetrachloroethene (PCE)	0.03	0.24	0.067
Benzene	0.02	nd	nd
Toluene	0.10	nd	nd
Ethylbenzene	0.05	nd	nd
Total Xylenes	0.15	nd	nd
Surrogate Recovery			
Dibromofluoromethane		112	107
1,2-Dichloroethane-d4		103	97
Toluene-d8		90	90
4-Bromofluorobenzene		91	92

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"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P49-60-N	B-P30-P49-60-N	B-P28-P49-60-N	B-P26-P49-60-N
Date Sampled	Reporting	11/2/2020	11/2/2020	11/2/2020	11/2/2020
Date Analyzed	Limits	11/3/2020	11/3/2020	11/3/2020	11/3/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	0.071	nd	nd	nd
Surrogate Recovery					
Dibromofluoromethane		102	105	106	100
1,2-Dichloroethane-d4		88	94	91	81
Toluene-d8		92	93	94	94
4-Bromofluorobenzene		92	90	93	93

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ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P31-P45-50-N	B-P31-P45-48-N	B-P27-P47-54-N	B-P29-P47-54-N	B-P29-P47-51-N	B-P33-P47-54-N
Date Sampled	Reporting	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020
Date Analyzed	Limits	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	0.12	nd	0.78
Trichloroethene (TCE)	0.02	nd	nd	nd	0.35	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	8.9	nd	nd
Surrogate Recovery							
Dibromofluoromethane		106	107	109	107	114	113
1,2-Dichloroethane-d4		91	96	103	96	103	105
Toluene-d8		89	91	89	90	89	89
4-Bromofluorobenzene		89	88	89	87	83	88

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"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B-P32-P51-60-N	B-P31-P47-54-N	B-P31-P47-51-N	B-P31-P47-51-N Dup	B-P31-P47-48-N	B32-P49-57-N
Date Sampled	Reporting	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020
Date Analyzed	Limits	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020	11/3/2020
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	0.17	0.057	0.046	nd	nd
Trichloroethene (TCE)	0.02	nd	0.055	0.035	0.042	nd	nd
Tetrachloroethene (PCE)	0.03	0.066	1.1	0.66	0.83	nd	0.030
Surrogate Recovery							
Dibromofluoromethane		114	111	115	119	120	112
1,2-Dichloroethane-d4		99	101	104	106	107	103
Toluene-d8		89	90	91	89	88	88
4-Bromofluorobenzene		84	83	85	85	87	88

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank
Date Sampled	Reporting	N/A
Date Analyzed	Limits	11/3/2020
	(mg/kg)	(mg/kg)
Vinyl chloride	0.02	nd
cis -1,2-Dichloroethene	0.03	nd
Trichloroethene (TCE)	0.02	nd
Tetrachloroethene (PCE)	0.03	nd
Benzene	0.02	nd
Toluene	0.10	nd
Ethylbenzene	0.05	nd
Total Xylenes	0.15	nd
Surrogate Recovery		
Dibromofluoromethane		113
1,2-Dichloroethane-d4		106
Toluene-d8		92
4-Bromofluorobenzene		90

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

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MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-P14-P12-50-S

Date Analyzed 11/3/2020

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl chloride	0.25	0.22	0.24	89	94	5.7	65-135	
cis-1,2-Dichloroethene	0.25	0.32	0.35	129	140	8.3	65-135	S
Trichloroethene (TCE)	0.25	0.29	0.29	114	115	1.0	65-135	
Tetrachloroethene (PCE)	0.25	0.34	0.33	134	130	3.3	65-135	
Benzene	0.25	0.28	0.29	110	117	5.6	65-135	
Toluene	0.25	0.23	0.24	93	98	4.6	65-135	
Ethylbenzene	0.25	0.24	0.26	97	104	7.2	65-135	
Total Xylenes	0.75	0.66	0.73	88	97	10.1	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	111	112	65-135
1,2-Dichloroethane-d4	106	101	65-135
Toluene-d8	89	93	65-135
4-Bromofluorobenzene	92	97	65-135

ACCEPTABLE RPD IS 35%
"S" Spike compound recovery is outside acceptance limits.

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed 11/3/2020

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.23	90	80-120	
cis-1,2-Dichloroethene	0.25	0.27	106	80-120	
Trichloroethene (TCE)	0.25	0.24	97	80-120	
Tetrachloroethene (PCE)	0.25	0.28	112	80-120	
Benzene	0.25	0.25	100	80-120	
Toluene	0.25	0.24	95	80-120	
Ethylbenzene	0.25	0.25	100	80-120	
Total Xylenes	0.75	0.71	95	80-120	

Surrogate Recovery			
Dibromofluoromethane	102	65-135	
1,2-Dichloroethane-d4	88	65-135	
Toluene-d8	98	65-135	
4-Bromofluorobenzene	98	65-135	

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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Olympia, WA 98506
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Email: libbyenv@gmail.com

MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B-P31-P47-51-N

Date Analyzed 11/3/2020

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl chloride	0.25	0.33	0.31	132	122	7.2	65-135	
cis-1,2-Dichloroethene	0.25	0.34	0.28	134	110	19.7	65-135	
Trichloroethene (TCE)	0.25	0.20	0.19	78	74	5.8	65-135	
Tetrachloroethene (PCE)	0.25	0.17	0.19	68	76	11.1	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	112	115	65-135
1,2-Dichloroethane-d4	97	112	65-135
Toluene-d8	91	91	65-135
4-Bromofluorobenzene	94	96	65-135

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed 11/3/2020

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.29	117	80-120	
cis-1,2-Dichloroethene	0.25	0.27	110	80-120	
Trichloroethene (TCE)	0.25	0.26	105	80-120	
Tetrachloroethene (PCE)	0.25	0.30	118	80-120	

Surrogate Recovery		
Dibromofluoromethane	112	65-135
1,2-Dichloroethane-d4	105	65-135
Toluene-d8	94	65-135
4-Bromofluorobenzene	97	65-135

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

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Olympia, WA 98506
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Email: libbyenv@gmail.com

MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Analyses of Gasoline (NWTPH-Gx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)
Method Blank	11/3/2020	96%	nd
B-P30-P20.5-40-S	11/3/2020	93%	nd
B-P30-P21.5-38-S	11/3/2020	95%	nd
B-P47-P32-50-S	11/3/2020	90%	nd
B-P14-P12-50-S	11/3/2020	95%	nd
B-P14-P12-50-S Dup	11/3/2020	90%	nd
B-P32-P19-46-S	11/3/2020	90%	nd
B-P32-P20.5-46-S	11/3/2020	90%	nd
Practical Quantitation Limit			10

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
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Email: libbyenv@gmail.com

MADDOX NORTH, MADDOX SOUTH PROJECT
Aspect Consulting, Inc.
Seattle, Washington
Libby Project # L201103-10
Client Project # 160324

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	11/3/2020	72	nd	nd
B-P30-P20.5-40-S	11/3/2020	75	nd	nd
B-P30-P21.5-38-S	11/3/2020	85	nd	nd
B-P47-P32-50-S	11/3/2020	76	nd	nd
B-P47-P32-50-S Dup	11/3/2020	86	nd	nd
B-P14-P12-50-S	11/3/2020	95	nd	nd
B-P32-P19-46-S	11/3/2020	76	nd	nd
B-P32-P20.5-46-S	11/3/2020	87	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: Sherry Chilcutt

APPENDIX I

Contaminated and Impacted Soil Disposal Records

Table J-1. Disposal Record Summary - Maddux South

Project No. 160324, Maddux North and South, Seattle, Washington

Summary of Total Soil Exported from Each Category as of 11-11-2020:	
	Total Tons
Impacted - Remediation	1328
Impacted - Redevelopment	1375
Contaminated - Remediation	2962

Date	Type of Truck	Soil Category	Purpose	USDOT Number	Tons	Weight Ticket Number
9/3/2020	Truck and Trailer	Contaminated	Remediation	2594557	29.20	159761
9/3/2020	Truck and Trailer	Contaminated	Remediation	2594557	32.65	159767
9/3/2020	Truck and Trailer	Contaminated	Remediation	2594557	28.89	159774
9/3/2020	Truck and Trailer	Contaminated	Remediation	2594557	24.30	159776
9/4/2020	Truck and Trailer	Impacted	Remediation	2594557	32.13	1124071954
9/4/2020	Side Dump	Impacted	Remediation	2594557	30.28	1124071950
9/4/2020	Side Dump	Impacted	Remediation	2594557	27.38	1124071939
9/4/2020	Truck and Trailer	Impacted	Remediation	2594557	28.25	1124071937
9/10/2020	Side Dump	Contaminated	Remediation	2594557	30.12	159963
9/10/2020	Side Dump	Contaminated	Remediation	2594557	25.89	159978
9/11/2020	Side Dump	Contaminated	Remediation	2550197	30.78	160008
9/11/2020	Side Dump	Contaminated	Remediation	2594557	27.21	160015
9/11/2020	Side Dump	Contaminated	Remediation	2594557	35.62	160024
9/11/2020	Side Dump	Contaminated	Remediation	2594557	28.91	160017
9/11/2020	Side Dump	Contaminated	Remediation	2594557	28.74	160020
9/18/2020	Side Dump	Contaminated	Remediation	2594557	28.42	160279
9/18/2020	Side dump	Contaminated	Remediation	2594557	30.15	160292
9/18/2020	Side dump	Impacted	Redevelopment	2594557	28.47	1124072835
9/21/2020	Side dump	Contaminated	Remediation	2594557	28.74	160242
9/21/2020	Side dump	Contaminated	Remediation	2550197-04	31.84	160244
9/21/2020	Side dump	Contaminated	Remediation	2550197-04	34.14	160274
9/21/2020	Side dump	Contaminated	Remediation	2594557	32.87	160281
9/21/2020	Side dump	Impacted	Redevelopment	2550197-04	33.97	1124072941
9/21/2020	Side dump	Impacted	Redevelopment	2594557	34.55	1124072931
9/21/2020	Side dump	Impacted	Redevelopment	2550197-04	33.84	1124072919
9/21/2020	Side dump	Impacted	Redevelopment	2594557	32.13	1124072901
9/22/2020	Side Dump	Contaminated	Remediation	2594557	33.88	160317
9/22/2020	Truck and Trailer	Contaminated	Remediation	2594557	30.01	160321
9/22/2020	Side Dump	Contaminated	Remediation	2594557	29.86	160323
9/22/2020	Side Dump	Contaminated	Remediation	2550197-04	31.69	160330
9/23/2020	Side Dump	Impacted	Remediation	2594557	30.45	1124073061
9/23/2020	Side Dump	Impacted	Remediation	2550197	31.20	1124073052
9/23/2020	Side Dump	Impacted	Remediation	2550197-04	33.65	1124073045
9/23/2020	Side Dump	Impacted	Remediation	2594557	32.40	1124073040
9/23/2020	Side Dump	Impacted	Remediation	2550197	33.19	1124073030
9/24/2020	Side Dump	Impacted	Remediation	2594557	34.22	1124073184
9/24/2020	Side Dump	Impacted	Remediation	2550197	34.10	1124073181
9/24/2020	Side Dump	Impacted	Remediation	2550197-04	33.17	1124073175
9/24/2020	Side Dump	Impacted	Remediation	2594557	30.65	1124073156
9/24/2020	Side Dump	Impacted	Remediation	2550197	31.20	1124073154
9/24/2020	Side Dump	Impacted	Remediation	2550197-04	30.52	1124073149
9/24/2020	Side Dump	Impacted	Remediation	2594557	29.48	1124073119
9/24/2020	Side Dump	Impacted	Remediation	2550197	28.19	1124073114
9/24/2020	Side Dump	Impacted	Remediation	2550197-04	26.48	1124073110
9/28/2020	Side Dump	Impacted	Remediation	2550197	31.40	1124073361
9/28/2020	Side Dump	Impacted	Remediation	2550197-04	29.27	1124073357
9/28/2020	Side Dump	Impacted	Remediation	2594557	29.79	1124073352
9/28/2020	Side Dump	Impacted	Remediation	2550197	29.92	1124073343
9/28/2020	Side Dump	Impacted	Remediation	2550197-04	29.90	1124073340
9/28/2020	Side Dump	Impacted	Remediation	2594557	29.06	1124073334
9/29/2020	Side Dump	Impacted	Remediation	2594557	31.38	1124073417
9/29/2020	Side Dump	Impacted	Remediation	2594557	24.12	1124073398
9/30/2020	Side Dump	Impacted	Remediation	2550197-01	31.09	1124073487
9/30/2020	Side Dump	Impacted	Remediation	431434-8	31.78	1124073480
9/30/2020	Side Dump	Impacted	Remediation	2550197-04	32.86	1124073473
9/30/2020	Side Dump	Impacted	Remediation	431434-8	32.41	1124073469
9/30/2020	Side Dump	Impacted	Remediation	2550197-04	33.26	1124073459
10/1/2020	Side Dump	Impacted	Remediation	2550197-04	34.81	1124073524
10/1/2020	Side Dump	Impacted	Remediation	431434-08	33.41	1124073530
10/1/2020	Side Dump	Impacted	Remediation	2550197-04	28.97	1124073552
10/1/2020	Side Dump	Impacted	Remediation	431434-08	29.54	1124073555
10/6/2020	Truck and Trailer	Impacted	Remediation	2550197	22.15	1124073703
10/6/2020	Truck and Trailer	Impacted	Remediation	2550197	25.64	1124073690
10/7/2020	Truck and Trailer	Contaminated	Remediation	2550197-01	22.52	160910
10/7/2020	Truck and Trailer	Impacted	Remediation	2594557-23	27.68	1124073724
10/7/2020	Truck and Trailer	Impacted	Remediation	2550197	27.26	1124073723
10/14/2020	Truck and Trailer	Contaminated	Remediation	2594557-07	27.74	161173
10/14/2020	Truck and Trailer	Contaminated	Remediation	2550197-08	24.52	161175
10/14/2020	Side Dump	Contaminated	Remediation	431434	27.37	161177
10/14/2020	Side Dump	Contaminated	Remediation	2594557-5789-12	26.75	161178
10/14/2020	Truck and Trailer	Contaminated	Remediation	2550197	29.63	161179
10/14/2020	Side Dump	Contaminated	Remediation	431434	27.22	161180
10/14/2020	Side Dump	Contaminated	Remediation	2594557-5789-12	31.97	161184
10/14/2020	Truck and Trailer	Contaminated	Remediation	2550197	26.43	161187
10/14/2020	Side Dump	Contaminated	Remediation	431434	31.83	161188
10/14/2020	Side Dump	Contaminated	Remediation	2594557-5789-12	26.30	161191
10/14/2020	Side Dump	Contaminated	Remediation	2550197	27.63	161193
10/14/2020	Side Dump	Contaminated	Remediation	431434	24.51	161196
10/14/2020	Truck and Trailer	Impacted	Remediation	2594557-07	30.09	1124074045
10/14/2020	Truck and Trailer	Impacted	Remediation	2550197-08	29.06	1124074051
10/14/2020	Truck and Trailer	Impacted	Remediation	431434-8	31.00	1124074053
10/14/2020	Side Dump	Impacted	Remediation	2594557-5789-12	25.17	1124074055
10/15/2020	Truck and Trailer	Impacted	Redevelopment	2550197-08	26.57	1124074110
10/15/2020	Truck and Trailer	Impacted	Redevelopment	2550197-07	25.84	1120474111
10/15/2020	Truck and Trailer	Impacted	Redevelopment	2550197-01	30.35	1124074113
10/15/2020	Truck and Trailer	Impacted	Redevelopment	2550197-08	30.91	1124074124
10/15/2020	Truck and Trailer	Impacted	Redevelopment	2550197-01	33.19	1124074130
10/15/2020	Truck and Trailer	Impacted	Redevelopment	2550197-07	28.90	1124074128
10/16/2020	Truck and Trailer	Contaminated	Remediation	2550197-08	29.42	161330
10/16/2020	Truck and Trailer	Contaminated	Remediation	2550197-08	26.97	161337
10/16/2020	Truck and Trailer	Impacted	Redevelopment	2550197-08	27.37	1124074164
10/16/2020	Truck and Trailer	Impacted	Redevelopment	2550197-01	33.91	1124074166
10/16/2020	Side dump	Impacted	Redevelopment	431434	30.07	1124074168
10/16/2020	Truck and Trailer	Impacted	Redevelopment	2550197-01	29.45	1124074181

Table J-1. Disposal Record Summary - Maddux South

Project No. 160324, Maddux North and South, Seattle, Washington

Date	Type of Truck	Soil Category	Purpose	USDOT Number	Tons	Weight Ticket Number
10/19/2020	Truck and Trailer	Contaminated	Remediation	2550197-01	27.40	161402
10/19/2020	Truck and Trailer	Contaminated	Remediation	2550197-08	25.46	161401
10/19/2020	Side Dump	Contaminated	Remediation	431434-8	29.80	161405
10/19/2020	Truck and Trailer	Contaminated	Remediation	2550197-01	25.53	161420
10/19/2020	Side Dump	Contaminated	Remediation	431434-8	30.86	161416
10/19/2020	Truck and Trailer	Contaminated	Remediation	2550197-08	26.06	161419
10/19/2020	Side Dump	Impacted	Remediation	2550197-01	29.99	1124074231
10/21/2020	Truck and Trailer	Contaminated	Remediation	2924636-08	32.70	161452
10/21/2020	Side dump	Contaminated	Remediation	2594557-5789-12	31.24	161465
10/21/2020	Truck and Trailer	Contaminated	Remediation	2594557-07	28.07	161456
10/21/2020	Truck and Trailer	Contaminated	Remediation	2587977-12	30.41	161457
10/21/2020	Truck and Trailer	Contaminated	Remediation	1974591-55	25.35	161458
10/21/2020	Truck and Trailer	Contaminated	Remediation	1974591-11	27.59	161460
10/21/2020	Truck and Trailer	Contaminated	Remediation	2924636-08	26.20	161462
10/21/2020	Side dump	Contaminated	Remediation	2594557-5789-12	29.36	161464
10/21/2020	Truck and Trailer	Contaminated	Remediation	2594557-07	24.70	161466
10/21/2020	Truck and Trailer	Contaminated	Remediation	2587977-12	28.31	161467
10/21/2020	Truck and Trailer	Contaminated	Remediation	1974591-55	26.29	161470
10/21/2020	Truck and Trailer	Contaminated	Remediation	1974591-11	28.80	161472
10/21/2020	Truck and Trailer	Contaminated	Remediation	2924636-08	26.46	161474
10/21/2020	Side dump	Contaminated	Remediation	2594557-5789-12	26.58	161477
10/21/2020	Truck and Trailer	Contaminated	Remediation	2594557-07	29.10	161478
10/21/2020	Truck and Trailer	Contaminated	Remediation	2587977-12	28.62	161479
10/21/2020	Truck and Trailer	Contaminated	Remediation	1974591-55	27.80	161481
10/21/2020	Truck and Trailer	Contaminated	Remediation	1974591-11	23.51	161482
10/21/2020	Truck and Trailer	Contaminated	Remediation	2924636-08	29.39	161488
10/21/2020	Truck and Trailer	Contaminated	Remediation	2587977-12	25.55	161489
10/21/2020	Truck and Trailer	Contaminated	Remediation	1974591-55	25.10	161492
10/21/2020	Truck and Trailer	Contaminated	Remediation	1974591-11	22.77	161493
10/21/2020	Truck and Trailer	Contaminated	Remediation	2924636-08	26.68	161498
10/21/2020	Truck and Trailer	Contaminated	Remediation	2587977-12	24.93	161500
10/21/2020	Truck and Trailer	Contaminated	Remediation	1974591-55	23.16	161501
10/21/2020	Truck and Trailer	Contaminated	Remediation	1974591-11	27.81	161504
10/22/2020	Side dump	Contaminated	Remediation	2594557-5789-12	29.84	161524
10/22/2020	Side dump	Contaminated	Remediation	2594557-5789-12	26.80	161527
10/22/2020	Side dump	Contaminated	Remediation	2594557-5789-12	27.06	161534
10/22/2020	Side dump	Contaminated	Remediation	2594557-5789-12	28.50	161542
10/22/2020	Side dump	Contaminated	Remediation	2594557-5789-12	27.02	161561
10/22/2020	Side dump	Contaminated	Remediation	2594557-5789-12	28.71	161568
10/23/2020	Side dump	Contaminated	Remediation	2594557-5789-12	25.51	161573
10/23/2020	Truck and Trailer	Contaminated	Remediation	2550197-09	23.26	161574
10/23/2020	Side dump	Contaminated	Remediation	2594557-5789-12	26.01	161586
10/23/2020	Side dump	Contaminated	Remediation	2594557-5789-12	27.65	161588
10/23/2020	Truck and Trailer	Contaminated	Remediation	2550197-09	25.47	161589
10/23/2020	Side dump	Contaminated	Remediation	2594557-5789-12	26.63	161592
10/23/2020	Truck and Trailer	Contaminated	Remediation	2550197-09	28.75	161594
10/23/2020	Side dump	Contaminated	Remediation	2594557-5789-12	22.66	161598
10/26/2020	Side Dump	Contaminated	Remediation	2594557	27.17	161712
10/26/2020	Side Dump	Contaminated	Remediation	2594557	27.00	161717
10/26/2020	Side Dump	Contaminated	Remediation	2594557	27.72	161724
10/26/2020	Side Dump	Contaminated	Remediation	2594557	28.02	161731
10/26/2020	Side Dump	Contaminated	Remediation	2550197-04	29.39	161737
10/26/2020	Side Dump	Contaminated	Remediation	2594557	27.56	161739
10/26/2020	Side Dump	Contaminated	Remediation	2550197-04	29.88	161744
10/26/2020	Side Dump	Contaminated	Remediation	2594557	29.07	161746
10/26/2020	Side Dump	Contaminated	Remediation	2550197-04	29.60	161751
10/26/2020	Side Dump	Contaminated	Remediation	2594557	28.98	161755
10/26/2020	Side Dump	Contaminated	Remediation	2550197-04	26.56	161759
10/27/2020	Side dump	Contaminated	Remediation	2594557	28.10	161766
10/27/2020	Side dump	Impacted	Redevelopment	2550197-10	28.08	1124074648
10/27/2020	Side dump	Impacted	Redevelopment	2550197-04	28.12	1124074649
10/27/2020	Side dump	Impacted	Redevelopment	2550197-05	26.83	1124074654
10/27/2020	Side dump	Impacted	Redevelopment	2550197-10	27.03	1124074680
10/27/2020	Side dump	Contaminated	Remediation	2594557	26.56	161769
10/30/2020	Side dump	Impacted	Redevelopment	1909718-34	23.05	1124074890
10/30/2020	Side dump	Impacted	Redevelopment	2550197-04	28.08	1124074889
10/30/2020	Side dump	Impacted	Redevelopment	2550197-05	28.18	1124074893
10/30/2020	Truck and Trailer	Impacted	Redevelopment	2550197-02	21.33	1124074895
10/30/2020	Side dump	Impacted	Redevelopment	2550197-06	28.36	1124074899
10/30/2020	Truck and Trailer	Impacted	Redevelopment	2550197-08	23.73	1124074897
10/30/2020	Side dump	Impacted	Redevelopment	2550197-10	28.97	1124074900
10/30/2020	Side dump	Impacted	Redevelopment	2550197	28.12	1124074903
10/30/2020	Side dump	Impacted	Redevelopment	1909718-34	23.21	1124074904
10/30/2020	Side dump	Impacted	Redevelopment	2550197-04	28.40	1124074905
10/30/2020	Side dump	Impacted	Redevelopment	2550197-05	28.21	1124074906
10/30/2020	Side dump	Impacted	Redevelopment	2550197-06	29.27	1124074910
11/2/2020	Side Dump	Impacted	Redevelopment	1909718-34	21.73	1124074934
11/2/2020	Side Dump	Impacted	Redevelopment	2550197-04	28.38	1124074939
11/2/2020	Truck and Trailer	Impacted	Redevelopment	2550197-09	26.26	1124074942
11/2/2020	Side dump	Contaminated	Remediation	2550197-10	30.15	162119
11/2/2020	Side dump	Contaminated	Remediation	2550197	21.58	162122
11/2/2020	Side dump	Contaminated	Remediation	2594557	25.29	162125
11/2/2020	Side dump	Contaminated	Remediation	2550197-04	27.73	162127
11/2/2020	Side dump	Contaminated	Remediation	1909718-34	20.87	162128
11/2/2020	Truck and Trailer	Contaminated	Remediation	2550197-09	23.40	162129
11/2/2020	Side dump	Contaminated	Remediation	2550197-05	27.91	162130
11/3/2020	Truck and Trailer	Impacted	Redevelopment	2550197	27.61	1224075022
11/3/2020	Side dump	Impacted	Redevelopment	2550197-09	25.97	1124075027
11/3/2020	Side dump	Impacted	Redevelopment	2550197-03	26.19	1124075030
11/3/2020	Truck and Trailer	Impacted	Redevelopment	1909718-34	22.32	1124075032
11/3/2020	Side dump	Contaminated	Remediation	1909718-34	22.21	162135
11/3/2020	Side dump	Contaminated	Remediation	2550197-09	23.32	162136
11/4/2020	Side dump	Contaminated	Remediation	1909718-34	24.83	162179
11/4/2020	Side dump	Contaminated	Remediation	2550197-05	31.72	162180
11/4/2020	Truck and Trailer	Contaminated	Remediation	2550197-08	26.90	162184
11/4/2020	Side dump	Impacted	Redevelopment	2594557	24.58	1124075054
11/4/2020	Side dump	Impacted	Redevelopment	2550197-04	28.85	1124075056
11/4/2020	Side dump	Impacted	Redevelopment	2550197-05	28.52	1124075060
11/4/2020	Truck and Trailer	Impacted	Redevelopment	2550197-09	23.11	1124075064
11/4/2020	Side dump	Impacted	Redevelopment	2594557	29.15	1124075075
11/4/2020	Truck and Trailer	Impacted	Redevelopment	2550197-04	31.88	1224075077
11/5/2020	Side dump	Contaminated	Remediation	2594557-5789-12	25.14	162213
11/5/2020	Side dump	Contaminated	Remediation	2594557-5789-12	27.14	162222
11/5/2020	Side dump	Impacted	Redevelopment	2594557-5789-12	27.73	1214075143
11/5/2020	Side dump	Impacted	Redevelopment	2594557-5789-12	26.45	1124075168
11/11/2020	Side dump	Impacted	Redevelopment	2550197-05	28.86	1124075387
11/11/2020	Truck and Trailer	Impacted	Redevelopment	2594557-23	28.97	1124075273
11/11/2020	Side dump	Impacted	Redevelopment	2550196	29.74	1124075370

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 159761
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	09/03/2020	Vehicle#	23
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY COLMAN
Route		Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/03/2020 11:27:30	SCALE 1	galtheim		Gross	101900 lb
Out	09/03/2020 11:40:03	SCALE 1	galtheim		Tare	43500 lb
					Net	58400 lb
					Tons	29.20

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.20	Tons				KING
2	GONDOLA T-GONDOLA TON	100	29.20	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	29.20	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 159767
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	09/03/2020	Vehicle#	23
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY COLMAN
Route	DRF	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/03/2020 12:33:54	SCALE 1	galtheim		Gross	108800 lb*
Out	09/03/2020 12:33:54		galtheim		Tare	43500 lb*
			* Manual Weight		Net	65300 lb
					Tons	32.65

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	32.65	Tons				KING
2	GONDOLA T-GONDOLA TON	100	32.65	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	32.65	Tons				KING

Total Tax
Total Ticket

Driver`s Signature ANDY

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 159774
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	09/03/2020	Vehicle#	23
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY COLMAN
Route	DRF	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/03/2020 13:40:32	SCALE 1	GALTHEIM		Gross	101280 lb
Out	09/03/2020 13:40:32		GALTHEIM		Tare	43500 lb
					Net	57780 lb
					Tons	28.89

Comments RIVER EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.89	Tons				KING
2	GONDOLA T-GONDOLA TON	100	28.89	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	28.89	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 159776
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	09/03/2020	Vehicle#	23
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY COLMAN
Route	DRF	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/03/2020 14:41:37	SCALE 1	GALTHEIM		Gross	92100 lb
Out	09/03/2020 14:41:37		GALTHEIM		Tare	43500 lb
					Net	48600 lb
					Tons	24.30

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	24.30	Tons				KING
2	GONDOLA T-GONDOLA TON	100	24.30	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	24.30	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 159963
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	09/10/2020	Vehicle#	5789
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/10/2020 12:30:59	SCALE 1	galtheim		Gross	102140 lb*
Out	09/10/2020 12:30:59		galtheim		Tare	41900 lb*
			* Manual Weight		Net	60240 lb
					Tons	30.12

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	30.12	Tons				KING
2	GONDOLA T-GONDOLA TON	100	30.12	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	30.12	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Dave

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 159978
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	09/10/2020	Vehicle#	5789
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/10/2020 13:39:45	SCALE 1	galtheim		Gross	93680 lb*
Out	09/10/2020 13:39:45		galtheim		Tare	41900 lb*
			* Manual Weight		Net	51780 lb
					Tons	25.89

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	25.89	Tons				KING
2	GONDOLA T-GONDOLA TON	100	25.89	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	25.89	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Dave

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 160008
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	09/11/2020	Vehicle#	06
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	PAT
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/11/2020 10:53:23	SCALE 1	galtheim		Gross	105660 lb
Out	09/11/2020 11:12:05	SCALE 1	galtheim		Tare	44100 lb
					Net	61560 lb
					Tons	30.78

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	30.78	Tons				KING
2	GONDOLA T-GONDOLA TON	100	30.78	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	30.78	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Pat

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 160015
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 09/11/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 5789
Container
Driver DAVE KRIETZMAN
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/11/2020 12:03:46	SCALE 1	galtheim		Gross	96320 lb*
Out	09/11/2020 12:03:46		galtheim		Tare	41900 lb*
			* Manual Weight		Net	54420 lb
					Tons	27.21

Comments RIVER EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.21	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.21	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	27.21	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 160017
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 09/11/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 06
Container
Driver PAT
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/11/2020 12:15:39	SCALE 1	galtheim		Gross	101920 lb
Out	09/11/2020 12:15:39		galtheim		Tare	44100 lb
					Net	57820 lb
					Tons	28.91

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.91	Tons				KING
2	GONDOLA T-GONDOLA TON	100	28.91	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	28.91	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 160020
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 09/11/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 5789
Container
Driver DAVE KRIETZMAN
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/11/2020 13:01:52	SCALE 1	galtheim		Gross	99380 lb*
Out	09/11/2020 13:01:52		galtheim		Tare	41900 lb*
			* Manual Weight		Net	57480 lb
					Tons	28.74

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.74	Tons				KING
2	GONDOLA T-GONDOLA TON	100	28.74	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	28.74	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 160024
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	09/11/2020	Vehicle#	06
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	PAT
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/11/2020 13:25:33	SCALE 1	galtheim		Gross	115340 lb
Out	09/11/2020 13:25:33		galtheim		Tare	44100 lb
					Net	71240 lb
					Tons	35.62

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	35.62	Tons				KING
2	GONDOLA T-GONDOLA TON	100	35.62	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	35.62	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Pat

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 160242
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 09/21/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 18
Container
Driver ANDY COLMAN
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/21/2020 07:48:40	SCALE 1	galtheim		Gross	98240 lb*
Out	09/21/2020 07:48:40		galtheim		Tare	40760 lb*
			* Manual Weight		Net	57480 lb
					Tons	28.74

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.74	Tons				KING
2	GONDOLA T-GONDOLA TON	100	28.74	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	28.74	Tons				KING

Total Tax
Total Ticket

Driver`s Signature ANDY

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 160244
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	09/21/2020	Vehicle#	04
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	TRAVIS SNOW
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

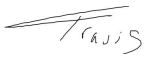
	Time	Scale	Operator	Inbound		
In	09/21/2020 08:03:40	SCALE 1	galtheim		Gross	104840 lb
Out	09/21/2020 08:16:45	SCALE 1	galtheim		Tare	41160 lb
					Net	63680 lb
					Tons	31.84

Comments NE

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	31.84	Tons				KING
2	GONDOLA T-GONDOLA TON	100	31.84	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	31.84	Tons				KING

Total Tax
Total Ticket

Driver`s Signature



WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 160274
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	09/21/2020	Vehicle#	04
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	TRAVIS SNOW
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/21/2020 13:16:02	SCALE 1	galtheim		Gross	109440 lb
Out	09/21/2020 13:16:02		galtheim		Tare	41160 lb
					Net	68280 lb
					Tons	34.14

Comments NEWELL
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	34.14	Tons				KING
2	GONDOLA T-GONDOLA TON	100	34.14	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	34.14	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Travis

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 160279
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	09/18/2020	Vehicle#	18
Payment Type	Credit Account	Container	
Manual Ticket#	62515	Driver	ANDY COLMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/18/2020 12:00:00	SCALE 1	galtheim		Gross	97600 lb*
Out	09/18/2020 12:00:00		galtheim		Tare	40760 lb*
			* Manual Weight		Net	56840 lb
					Tons	28.42

Comments RIVERS EDGE
AH

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.42	Tons				KING
2	GONDOLA T-GONDOLA TON	100	28.42	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	28.42	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 160281
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	09/21/2020	Vehicle#	18
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY COLMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/21/2020 13:51:06	SCALE 1	galtheim		Gross	106500 lb*
Out	09/21/2020 13:51:06		galtheim		Tare	40760 lb*
			* Manual Weight		Net	65740 lb
					Tons	32.87

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	32.87	Tons				KING
2	GONDOLA T-GONDOLA TON	100	32.87	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	32.87	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Andy

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 160292
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 09/18/2020
Payment Type Credit Account
Manual Ticket# 62520
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 18
Container
Driver ANDY COLMAN
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/18/2020 13:00:00	SCALE 1	galtheim		Gross	101060 lb*
Out	09/18/2020 13:00:00		galtheim		Tare	40760 lb*
			* Manual Weight		Net	60300 lb
					Tons	30.15

Comments RIVERS EDGE
AH

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	30.15	Tons				KING
2	GONDOLA T-GONDOLA TON	100	30.15	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	30.15	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 160317
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 09/22/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 18
Container
Driver ANDY COLMAN
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	09/22/2020 12:08:16	SCALE 1	galtheim		Gross	108520 lb*
Out	09/22/2020 12:08:16		galtheim		Tare	40760 lb*
			* Manual Weight		Net	67760 lb
					Tons	33.88

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	33.88	Tons				KING
2	GONDOLA T-GONDOLA TON	100	33.88	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	33.88	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 160321
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	09/22/2020	Vehicle#	23
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY COLMAN
Route	DRF	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/22/2020 13:06:03	SCALE 1	galtheim		Gross	103520 lb
Out	09/22/2020 13:06:03		galtheim		Tare	43500 lb
					Net	60020 lb
					Tons	30.01

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	30.01	Tons				KING
2	GONDOLA T-GONDOLA TON	100	30.01	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	30.01	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 160323
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	09/22/2020	Vehicle#	18
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY COLMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/22/2020 13:12:44	SCALE 1	galtheim		Gross	100480 lb
Out	09/22/2020 13:12:44		galtheim		Tare	40760 lb
					Net	59720 lb
					Tons	29.86

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.86	Tons				KING
2	GONDOLA T-GONDOLA TON	100	29.86	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	29.86	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 160330
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	09/22/2020	Vehicle#	04
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	TRAVIS SNOW
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	09/22/2020 13:43:17	SCALE 1	galtheim		Gross	104540 lb
Out	09/22/2020 13:43:17		galtheim		Tare	41160 lb
					Net	63380 lb
					Tons	31.69

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	31.69	Tons				KING
2	GONDOLA T-GONDOLA TON	100	31.69	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	31.69	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 160910
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/07/2020	Vehicle#	23
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY COLMAN
Route	DRF	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/07/2020 09:53:28	SCALE 1	galtheim		Gross	88540 lb
Out	10/07/2020 09:53:28		galtheim		Tare	43500 lb
					Net	45040 lb
					Tons	22.52

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	22.52	Tons				KING
2	GONDOLA T-GONDOLA TON	100	22.52	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	22.52	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161173

Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 10/14/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 5789-12SD
Container
Driver DAVE KRIETZMAN
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	10/14/2020 07:52:48	SCALE 1	galtheim		Gross	97160 lb
Out	10/14/2020 07:53:34	SCALE 1	galtheim		Tare	41680 lb*
			* Manual Weight		Net	55480 lb
					Tons	27.74

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.74	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.74	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	27.74	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Dave

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161175
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 10/14/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 08
Container
Driver ROB MORSE
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	10/14/2020 08:00:27	SCALE 1	galtheim		Gross	90400 lb
Out	10/14/2020 08:15:07	SCALE 1	galtheim		Tare	41360 lb
					Net	49040 lb
					Tons	24.52

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	24.52	Tons				KING
2	GONDOLA T-GONDOLA TON	100	24.52	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	24.52	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161177
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/14/2020	Vehicle#	8
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	BRUCE
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

	Time	Scale	Operator	Inbound		
In	10/14/2020 08:20:43	SCALE 1	galtheim		Gross	98960 lb
Out	10/14/2020 08:36:21	SCALE 1	galtheim		Tare	44220 lb
					Net	54740 lb
					Tons	27.37

Comments BRUCE HAGEN TRUCKING
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.37	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.37	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	27.37	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Bruce Hagen

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161178
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/14/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/14/2020 08:50:57	SCALE 1	galtheim		Gross	95180 lb*
Out	10/14/2020 08:50:57		galtheim		Tare	41680 lb*
			* Manual Weight		Net	53500 lb
					Tons	26.75

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.75	Tons				KING
2	GONDOLA T-GONDOLA TON	100	26.75	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	26.75	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Dave

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161180
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/14/2020	Vehicle#	08
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ROB MORSE
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/14/2020 09:15:35	SCALE 1	galtheim		Gross	95800 lb*
Out	10/14/2020 09:15:35		galtheim		Tare	41360 lb*
			* Manual Weight		Net	54440 lb
					Tons	27.22

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.22	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.22	Tons				
3	FEA-FUEL,ENV,ADMIN	100	27.22	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161179
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/14/2020	Vehicle#	07
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY COLMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/14/2020 09:10:21	SCALE 1	galtheim		Gross	102400 lb
Out	10/14/2020 09:23:33	SCALE 1	galtheim		Tare	43140 lb
					Net	59260 lb
					Tons	29.63

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.63	Tons				KING
2	GONDOLA T-GONDOLA TON	100	29.63	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	29.63	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161184
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/14/2020	Vehicle#	08
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ROB MORSE
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/14/2020 09:37:39	SCALE 1	galtheim		Gross	105300 lb
Out	10/14/2020 09:37:39		galtheim		Tare	41360 lb
					Net	63940 lb
					Tons	31.97

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	31.97	Tons				KING
2	GONDOLA T-GONDOLA TON	100	31.97	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	31.97	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161187
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 10/14/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 5789-12SD
Container
Driver DAVE KRIETZMAN
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	10/14/2020 09:57:09	SCALE 1	galtheim		Gross	94540 lb*
Out	10/14/2020 09:57:09		galtheim		Tare	41680 lb*
			* Manual Weight		Net	52860 lb
					Tons	26.43

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.43	Tons				KING
2	GONDOLA T-GONDOLA TON	100	26.43	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	26.43	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161188
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/14/2020	Vehicle#	07
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY COLMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/14/2020 10:18:22	SCALE 1	galtheim		Gross	106800 lb
Out	10/14/2020 10:18:22		galtheim		Tare	43140 lb
					Net	63660 lb
					Tons	31.83

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	31.83	Tons				KING
2	GONDOLA T-GONDOLA TON	100	31.83	Tons				
3	FEA-FUEL,ENV,ADMIN	100	31.83	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161191
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 10/14/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 08
Container
Driver ROB MORSE
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	10/14/2020 10:28:46	SCALE 1	galtheim		Gross	93960 lb
Out	10/14/2020 10:28:46		galtheim		Tare	41360 lb
					Net	52600 lb
					Tons	26.30

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.30	Tons				KING
2	GONDOLA T-GONDOLA TON	100	26.30	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	26.30	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161193
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/14/2020	Vehicle#	08
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ROB MORSE
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/14/2020 10:49:13	SCALE 1	galtheim		Gross	96620 lb
Out	10/14/2020 10:49:13		galtheim		Tare	41360 lb
					Net	55260 lb
					Tons	27.63

Comments NEWEEL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.63	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.63	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	27.63	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161196
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/14/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/14/2020 11:02:17	SCALE 1	galtheim		Gross	90700 lb
Out	10/14/2020 11:02:17		galtheim		Tare	41680 lb
					Net	49020 lb
					Tons	24.51

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	24.51	Tons				KING
2	GONDOLA T-GONDOLA TON	100	24.51	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	24.51	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161330
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *		
Ticket Date	10/16/2020	Vehicle#	08	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	ROB MORSE		
Route	AK	Check#			
Hauling Ticket#		Billing#	0000722		
Destination		Grid			
PO#	133496OR				

	Time	Scale	Operator	Inbound		
In	10/16/2020 09:38:51	SCALE 1	galtheim		Gross	100200 lb
Out	10/16/2020 09:38:51		galtheim		Tare	41360 lb
					Net	58840 lb
					Tons	29.42

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.42	Tons				KING
2	GONDOLA T-GONDOLA TON	100	29.42	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	29.42	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161337
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 10/16/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 08
Container
Driver ROB MORSE
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	10/16/2020 10:47:06	SCALE 1	galtheim		Gross	95300 lb
Out	10/16/2020 10:47:06		galtheim		Tare	41360 lb
					Net	53940 lb
					Tons	26.97

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.97	Tons				KING
2	GONDOLA T-GONDOLA TON	100	26.97	Tons				
3	FEA-FUEL,ENV,ADMIN	100	26.97	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161401
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/19/2020	Vehicle#	08
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ROB MORSE
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/19/2020 11:07:08	SCALE 1	GALTHEIM		Gross	92280 lb
Out	10/19/2020 11:07:08		GALTHEIM		Tare	41360 lb
					Net	50920 lb
					Tons	25.46

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	25.46	Tons				KING
2	GONDOLA T-GONDOLA TON	100	25.46	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	25.46	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161405
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/19/2020	Vehicle#	8
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	BRUCE
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/19/2020 11:19:26	SCALE 1	GALTHEIM		Gross	103820 lb
Out	10/19/2020 11:19:26		GALTHEIM		Tare	44220 lb
					Net	59600 lb
					Tons	29.80

Comments BRUCE HAGEN
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.80	Tons				KING
2	GONDOLA T-GONDOLA TON	100	29.80	Tons				
3	FEA-FUEL,ENV,ADMIN	100	29.80	Tons				

Total Tax
Total Ticket

Driver`s Signature Bruce

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161402
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/19/2020	Vehicle#	1
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	GLEN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/19/2020 11:09:56	SCALE 1	GALTHEIM		Gross	96280 lb
Out	10/19/2020 11:25:31	SCALE 1	GALTHEIM		Tare	41480 lb
					Net	54800 lb
					Tons	27.40

Comments NEWWLL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.40	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.40	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	27.40	Tons				KING

Total Tax
Total Ticket

Driver`s Signature GJCn

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161416
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/19/2020	Vehicle#	8
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	BRUCE
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/19/2020 13:10:48	SCALE 1	GALTHEIM		Gross	105940 lb
Out	10/19/2020 13:10:48		GALTHEIM		Tare	44220 lb
					Net	61720 lb
					Tons	30.86

Comments BRUCE HAGEN
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	30.86	Tons				KING
2	GONDOLA T-GONDOLA TON	100	30.86	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	30.86	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Bruce

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161419
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/19/2020	Vehicle#	08
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ROB MORSE
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/19/2020 13:20:20	SCALE 1	GALTHEIM		Gross	93480 lb
Out	10/19/2020 13:20:20		GALTHEIM		Tare	41360 lb
					Net	52120 lb
					Tons	26.06

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.06	Tons				KING
2	GONDOLA T-GONDOLA TON	100	26.06	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	26.06	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161420
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/19/2020	Vehicle#	1
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	GLEN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/19/2020 13:28:05	SCALE 1	GALTHEIM		Gross	92540 lb*
Out	10/19/2020 13:28:05		GALTHEIM		Tare	41480 lb*
			* Manual Weight		Net	51060 lb
					Tons	25.53

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	25.53	Tons				KING
2	GONDOLA T-GONDOLA TON	100	25.53	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	25.53	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Glen

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161452
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	08
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ROB MORSE
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 07:43:10	SCALE 1	galtheim		Gross	106760 lb
Out	10/21/2020 07:43:10		galtheim		Tare	41360 lb
					Net	65400 lb
					Tons	32.70

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	32.70	Tons				KING
2	GONDOLA T-GONDOLA TON	100	32.70	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	32.70	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161456
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	07
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY COLMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 08:01:35	SCALE 1	galtheim		Gross	99280 lb
Out	10/21/2020 08:01:35		galtheim		Tare	43140 lb
					Net	56140 lb
					Tons	28.07

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.07	Tons				KING
2	GONDOLA T-GONDOLA TON	100	28.07	Tons				
3	FEA-FUEL,ENV,ADMIN	100	28.07	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161457
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	12
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JASON CAIL
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 08:09:16	SCALE 1	galtheim		Gross	100900 lb
Out	10/21/2020 08:22:13	SCALE 1	galtheim		Tare	40080 lb
					Net	60820 lb
					Tons	30.41

Comments TUNISTA
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	30.41	Tons				KING
2	GONDOLA T-GONDOLA TON	100	30.41	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	30.41	Tons				KING

Total Tax
Total Ticket

Driver`s Signature JASON

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161458
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	55
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JORDAN KRAAKMO
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 08:15:40	SCALE 1	galtheim		Gross	93300 lb
Out	10/21/2020 08:28:07	SCALE 1	galtheim		Tare	42600 lb
					Net	50700 lb
					Tons	25.35

Comments TIGER
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	25.35	Tons				KING
2	GONDOLA T-GONDOLA TON	100	25.35	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	25.35	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161452
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	08
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ROB MORSE
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 07:43:10	SCALE 1	galtheim		Gross	106760 lb
Out	10/21/2020 07:43:10		galtheim		Tare	41360 lb
					Net	65400 lb
					Tons	32.70

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	32.70	Tons				KING
2	GONDOLA T-GONDOLA TON	100	32.70	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	32.70	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161456
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	07
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY COLMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 08:01:35	SCALE 1	galtheim		Gross	99280 lb
Out	10/21/2020 08:01:35		galtheim		Tare	43140 lb
					Net	56140 lb
					Tons	28.07

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.07	Tons				KING
2	GONDOLA T-GONDOLA TON	100	28.07	Tons				
3	FEA-FUEL,ENV,ADMIN	100	28.07	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161457
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	12
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JASON CAIL
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 08:09:16	SCALE 1	galtheim		Gross	100900 lb
Out	10/21/2020 08:22:13	SCALE 1	galtheim		Tare	40080 lb
					Net	60820 lb
					Tons	30.41

Comments TUNISTA
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	30.41	Tons				KING
2	GONDOLA T-GONDOLA TON	100	30.41	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	30.41	Tons				KING

Total Tax
Total Ticket

Driver`s Signature JASON

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161458
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	55
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JORDAN KRAAKMO
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 08:15:40	SCALE 1	galtheim		Gross	93300 lb
Out	10/21/2020 08:28:07	SCALE 1	galtheim		Tare	42600 lb
					Net	50700 lb
					Tons	25.35

Comments TIGER
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	25.35	Tons				KING
2	GONDOLA T-GONDOLA TON	100	25.35	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	25.35	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161462
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	08
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	RANDY MCCOLM
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 08:46:19	SCALE 1	galtheim		Gross	93760 lb
Out	10/21/2020 08:46:19		galtheim		Tare	41360 lb
					Net	52400 lb
					Tons	26.20

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.20	Tons				KING
2	GONDOLA T-GONDOLA TON	100	26.20	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	26.20	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161460
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	11
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	MICHAEL VINOKUROV
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

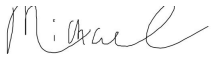
Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 08:37:13	SCALE 1	galtheim		Gross	97320 lb
Out	10/21/2020 08:49:07	SCALE 1	galtheim		Tare	42140 lb
					Net	55180 lb
					Tons	27.59

Comments TIGER
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.59	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.59	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	27.59	Tons				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161464
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 08:55:11	SCALE 1	galtheim		Gross	100400 lb
Out	10/21/2020 08:55:11		galtheim		Tare	41680 lb
					Net	58720 lb
					Tons	29.36

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.36	Tons				KING
2	GONDOLA T-GONDOLA TON	100	29.36	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	29.36	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161465
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 10/21/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 5789-12SD
Container
Driver DAVE KRIETZMAN
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 07:53:51	SCALE 1	galtheim		Gross	104280 lb*
Out	10/21/2020 07:53:51		galtheim		Tare	41800 lb*
			* Manual Weight		Net	62480 lb
					Tons	31.24

Comments RIVERS EDGE
GA REPLACEMENT TICKET FOR TICKET # 161453

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	31.24	Tons				KING
2	GONDOLA T-GONDOLA TON	100	31.24	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	31.24	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161466
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	07
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY COLMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 09:07:11	SCALE 1	galtheim		Gross	92540 lb
Out	10/21/2020 09:07:11		galtheim		Tare	43140 lb
					Net	49400 lb
					Tons	24.70

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	24.70	Tons				KING
2	GONDOLA T-GONDOLA TON	100	24.70	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	24.70	Tons				KING

Total Tax
Total Ticket

Driver`s Signature ANDY

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161467
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 10/21/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 12
Container
Driver JASON CAIL
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 09:14:15	SCALE 1	galtheim		Gross	96700 lb
Out	10/21/2020 09:14:15		galtheim		Tare	40080 lb
					Net	56620 lb
					Tons	28.31

Comments TUNISTA
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.31	Tons				KING
2	GONDOLA T-GONDOLA TON	100	28.31	Tons				
3	FEA-FUEL,ENV,ADMIN	100	28.31	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161470
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	55
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JORDAN KRAAKMO
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 09:27:30	SCALE 1	galtheim		Gross	95180 lb
Out	10/21/2020 09:27:30		galtheim		Tare	42600 lb
					Net	52580 lb
					Tons	26.29

Comments TIGER
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.29	Tons				KING
2	GONDOLA T-GONDOLA TON	100	26.29	Tons				
3	FEA-FUEL,ENV,ADMIN	100	26.29	Tons				

Total Tax
Total Ticket

Driver`s Signature JORDAN

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161472
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 10/21/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 11
Container
Driver MICHAEL VINOKUROV
Check#
Billing# 0000722
Grid

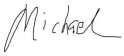
Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 09:43:48	SCALE 1	galtheim		Gross	99740 lb*
Out	10/21/2020 09:43:48		galtheim		Tare	42140 lb*
			* Manual Weight		Net	57600 lb
					Tons	28.80

Comments TIGER
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.80	Tons				KING
2	GONDOLA T-GONDOLA TON	100	28.80	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	28.80	Tons				KING

Total Tax
Total Ticket

Driver`s Signature 

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161474
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	08
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	RANDY MCCOLM
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 09:52:38	SCALE 1	galtheim		Gross	94280 lb
Out	10/21/2020 09:52:38		galtheim		Tare	41360 lb
					Net	52920 lb
					Tons	26.46

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.46	Tons				KING
2	GONDOLA T-GONDOLA TON	100	26.46	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	26.46	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Randy

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161477
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 10:00:13	SCALE 1	galtheim		Gross	94840 lb
Out	10/21/2020 10:00:13		galtheim		Tare	41680 lb
					Net	53160 lb
					Tons	26.58

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.58	Tons				KING
2	GONDOLA T-GONDOLA TON	100	26.58	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	26.58	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161478
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	07
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY COLMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 10:12:11	SCALE 1	galtheim		Gross	101340 lb
Out	10/21/2020 10:12:11		galtheim		Tare	43140 lb
					Net	58200 lb
					Tons	29.10

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.10	Tons				KING
2	GONDOLA T-GONDOLA TON	100	29.10	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	29.10	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161479
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	12
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JASON CAIL
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 10:14:51	SCALE 1	galtheim		Gross	97320 lb
Out	10/21/2020 10:14:51		galtheim		Tare	40080 lb
					Net	57240 lb
					Tons	28.62

Comments TUNISTA
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.62	Tons				KING
2	GONDOLA T-GONDOLA TON	100	28.62	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	28.62	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161481
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	55
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JORDAN KRAAKMO
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 10:33:39	SCALE 1	galtheim		Gross	98200 lb
Out	10/21/2020 10:33:39		galtheim		Tare	42600 lb
					Net	55600 lb
					Tons	27.80

Comments TIGER
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.80	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.80	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	27.80	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161482
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	11
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	MICHAEL VINOKUROV
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 10:39:14	SCALE 1	galtheim		Gross	89160 lb
Out	10/21/2020 10:39:14		galtheim		Tare	42140 lb
					Net	47020 lb
					Tons	23.51

Comments TIGER
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	23.51	Tons				KING
2	GONDOLA T-GONDOLA TON	100	23.51	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	23.51	Tons				KING

Total Tax
Total Ticket

Driver`s Signature MV

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161488
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	08
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	RANDY MCCOLM
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 11:21:10	SCALE 1	galtheim		Gross	100140 lb
Out	10/21/2020 11:21:10		galtheim		Tare	41360 lb
					Net	58780 lb
					Tons	29.39

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.39	Tons				KING
2	GONDOLA T-GONDOLA TON	100	29.39	Tons				
3	FEA-FUEL,ENV,ADMIN	100	29.39	Tons				

Total Tax
Total Ticket

Driver`s Signature Randy

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161489
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 10/21/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 12
Container
Driver JASON CAIL
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 11:25:26	SCALE 1	galtheim		Gross	91180 lb
Out	10/21/2020 11:25:26		galtheim		Tare	40080 lb
					Net	51100 lb
					Tons	25.55

Comments TUNISTA
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	25.55	Tons				KING
2	GONDOLA T-GONDOLA TON	100	25.55	Tons				
3	FEA-FUEL,ENV,ADMIN	100	25.55	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161492
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	55
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JORDAN KRAAKMO
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 11:48:40	SCALE 1	galtheim		Gross	92800 lb
Out	10/21/2020 11:48:40		galtheim		Tare	42600 lb
					Net	50200 lb
					Tons	25.10

Comments TIGER
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	25.10	Tons				KING
2	GONDOLA T-GONDOLA TON	100	25.10	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	25.10	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161493
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	11
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	MICHAEL VINOKUROV
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 11:51:35	SCALE 1	galtheim		Gross	87680 lb
Out	10/21/2020 11:51:35		galtheim		Tare	42140 lb
					Net	45540 lb
					Tons	22.77

Comments TIGER
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	22.77	Tons				KING
2	GONDOLA T-GONDOLA TON	100	22.77	Tons				
3	FEA-FUEL,ENV,ADMIN	100	22.77	Tons				

Total Tax
Total Ticket

Driver`s Signature MK

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161498
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	08
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	RANDY MCCOLM
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 12:31:09	SCALE 1	galtheim		Gross	94720 lb
Out	10/21/2020 12:31:09		galtheim		Tare	41360 lb
					Net	53360 lb
					Tons	26.68

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.68	Tons				KING
2	GONDOLA T-GONDOLA TON	100	26.68	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	26.68	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161500
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	12
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JASON CAIL
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 12:37:54	SCALE 1	galtheim		Gross	89940 lb
Out	10/21/2020 12:37:54		galtheim		Tare	40080 lb
					Net	49860 lb
					Tons	24.93

Comments TUNISTA
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	24.93	Tons				KING
2	GONDOLA T-GONDOLA TON	100	24.93	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	24.93	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161501
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/21/2020	Vehicle#	55
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	JORDAN KRAAKMO
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 12:49:53	SCALE 1	galtheim		Gross	88920 lb
Out	10/21/2020 12:49:53		galtheim		Tare	42600 lb
					Net	46320 lb
					Tons	23.16

Comments TIGER
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	23.16	Tons				KING
2	GONDOLA T-GONDOLA TON	100	23.16	Tons				
3	FEA-FUEL,ENV,ADMIN	100	23.16	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161504
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 10/21/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 11
Container
Driver MICHAEL VINOKUROV
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	10/21/2020 13:06:06	SCALE 1	galtheim		Gross	97760 lb*
Out	10/21/2020 13:06:06		galtheim		Tare	42140 lb*
			* Manual Weight		Net	55620 lb
					Tons	27.81

Comments TIGER
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.81	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.81	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	27.81	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Michael V

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161524
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/22/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/22/2020 08:33:20	SCALE 1	galtheim		Gross	101360 lb
Out	10/22/2020 08:33:20		galtheim		Tare	41680 lb
					Net	59680 lb
					Tons	29.84

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.84	Tons				KING
2	GONDOLA T-GONDOLA TON	100	29.84	Tons				
3	FEA-FUEL,ENV,ADMIN	100	29.84	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161527
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/22/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/22/2020 09:39:53	SCALE 1	galtheim		Gross	95280 lb
Out	10/22/2020 09:39:53		galtheim		Tare	41680 lb
					Net	53600 lb
					Tons	26.80

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.80	Tons				KING
2	GONDOLA T-GONDOLA TON	100	26.80	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	26.80	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161534
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/22/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/22/2020 10:39:24	SCALE 1	galtheim		Gross	95800 lb
Out	10/22/2020 10:39:24		galtheim		Tare	41680 lb
					Net	54120 lb
					Tons	27.06

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.06	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.06	Tons				
3	FEA-FUEL,ENV,ADMIN	100	27.06	Tons				

Total Tax
Total Ticket

Driver`s Signature DK

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161542
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 10/22/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 5789-12SD
Container
Driver DAVE KRIETZMAN
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	10/22/2020 11:44:48	SCALE 1	galtheim		Gross	98680 lb
Out	10/22/2020 11:44:48		galtheim		Tare	41680 lb
					Net	57000 lb
					Tons	28.50

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.50	Tons				KING
2	GONDOLA T-GONDOLA TON	100	28.50	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	28.50	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161561
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/22/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/22/2020 13:00:59	SCALE 1	galtheim		Gross	95720 lb
Out	10/22/2020 13:00:59		galtheim		Tare	41680 lb
					Net	54040 lb
					Tons	27.02

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.02	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.02	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	27.02	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161568
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/22/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/22/2020 14:02:19	SCALE 1	galtheim		Gross	99100 lb
Out	10/22/2020 14:02:19		galtheim		Tare	41680 lb
					Net	57420 lb
					Tons	28.71

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.71	Tons				KING
2	GONDOLA T-GONDOLA TON	100	28.71	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	28.71	Tons				KING

Total Tax
Total Ticket

Driver`s Signature DK

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161573
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/23/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/23/2020 07:46:46	SCALE 1	galtheim		Gross	92700 lb
Out	10/23/2020 07:46:46		galtheim		Tare	41680 lb
					Net	51020 lb
					Tons	25.51

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	25.51	Tons				KING
2	GONDOLA T-GONDOLA TON	100	25.51	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	25.51	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161574
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/23/2020	Vehicle#	09
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE STEVENS
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/23/2020 08:02:00	SCALE 1	galtheim		Gross	89720 lb
Out	10/23/2020 08:02:40	SCALE 1	galtheim		Tare	43200 lb*
			* Manual Weight		Net	46520 lb
					Tons	23.26

Comments NEWELL BROS

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	23.26	Tons				KING
2	GONDOLA T-GONDOLA TON	100	23.26	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	23.26	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Dave

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161586
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/23/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/23/2020 11:06:03	SCALE 1	galtheim		Gross	93700 lb
Out	10/23/2020 11:06:03		galtheim		Tare	41680 lb
					Net	52020 lb
					Tons	26.01

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.01	Tons				KING
2	GONDOLA T-GONDOLA TON	100	26.01	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	26.01	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161588
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/23/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/23/2020 12:17:17	SCALE 1	galtheim		Gross	96980 lb
Out	10/23/2020 12:17:17		galtheim		Tare	41680 lb
					Net	55300 lb
					Tons	27.65

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.65	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.65	Tons				
3	FEA-FUEL,ENV,ADMIN	100	27.65	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161589
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/23/2020	Vehicle#	09
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE STEVENS
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/23/2020 12:51:27	SCALE 1	galtheim		Gross	94140 lb
Out	10/23/2020 12:51:27		galtheim		Tare	43200 lb
					Net	50940 lb
					Tons	25.47

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	25.47	Tons				KING
2	GONDOLA T-GONDOLA TON	100	25.47	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	25.47	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161592
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/23/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/23/2020 13:27:41	SCALE 1	galtheim		Gross	94940 lb
Out	10/23/2020 13:27:41		galtheim		Tare	41680 lb
					Net	53260 lb
					Tons	26.63

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.63	Tons				KING
2	GONDOLA T-GONDOLA TON	100	26.63	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	26.63	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161594
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/23/2020	Vehicle#	09
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE STEVENS
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

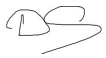
	Time	Scale	Operator	Inbound		
In	10/23/2020 13:57:36	SCALE 1	galtheim		Gross	100700 lb
Out	10/23/2020 13:57:36		galtheim		Tare	43200 lb
					Net	57500 lb
					Tons	28.75

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.75	Tons				KING
2	GONDOLA T-GONDOLA TON	100	28.75	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	28.75	Tons				KING

Total Tax
Total Ticket

Driver`s Signature



WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161598
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/23/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/23/2020 14:27:33	SCALE 1	galtheim		Gross	87000 lb
Out	10/23/2020 14:27:33		galtheim		Tare	41680 lb
					Net	45320 lb
					Tons	22.66

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	22.66	Tons				KING
2	GONDOLA T-GONDOLA TON	100	22.66	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	22.66	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161712
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/26/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/26/2020 07:43:30	SCALE 1	galtheim		Gross	96020 lb
Out	10/26/2020 07:43:30		galtheim		Tare	41680 lb
					Net	54340 lb
					Tons	27.17

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.17	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.17	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	27.17	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Dave

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161717
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/26/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/26/2020 08:49:53	SCALE 1	galtheim		Gross	95680 lb
Out	10/26/2020 08:49:53		galtheim		Tare	41680 lb
					Net	54000 lb
					Tons	27.00

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.00	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.00	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	27.00	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161724
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/26/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/26/2020 09:57:55	SCALE 1	galtheim		Gross	97120 lb
Out	10/26/2020 09:57:55		galtheim		Tare	41680 lb
					Net	55440 lb
					Tons	27.72

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.72	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.72	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	27.72	Tons				KING

Total Tax
Total Ticket

Driver`s Signature DR

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161731
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/26/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/26/2020 10:57:06	SCALE 1	galtheim		Gross	97720 lb
Out	10/26/2020 10:57:06		galtheim		Tare	41680 lb
					Net	56040 lb
					Tons	28.02

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.02	Tons				KING
2	GONDOLA T-GONDOLA TON	100	28.02	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	28.02	Tons				KING

Total Tax
Total Ticket

Driver`s Signature DK

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161737
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/26/2020	Vehicle#	04
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	TRAVIS SNOW
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/26/2020 12:00:30	SCALE 1	galtheim		Gross	99940 lb
Out	10/26/2020 12:00:30		galtheim		Tare	41160 lb
					Net	58780 lb
					Tons	29.39

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.39	Tons				KING
2	GONDOLA T-GONDOLA TON	100	29.39	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	29.39	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Travis

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161739
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/26/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/26/2020 12:13:14	SCALE 1	galtheim		Gross	96800 lb
Out	10/26/2020 12:13:14		galtheim		Tare	41680 lb
					Net	55120 lb
					Tons	27.56

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.56	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.56	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	27.56	Tons				KING

Total Tax
Total Ticket

Driver`s Signature DK

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161744
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/26/2020	Vehicle#	04
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	TRAVIS SNOW
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/26/2020 12:55:13	SCALE 1	galtheim		Gross	100920 lb
Out	10/26/2020 12:55:13		galtheim		Tare	41160 lb
					Net	59760 lb
					Tons	29.88

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.88	Tons				KING
2	GONDOLA T-GONDOLA TON	100	29.88	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	29.88	Tons				KING

Total Tax
Total Ticket

Driver`s Signature TS

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161746
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/26/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/26/2020 13:15:58	SCALE 1	galtheim		Gross	99820 lb
Out	10/26/2020 13:15:58		galtheim		Tare	41680 lb
					Net	58140 lb
					Tons	29.07

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.07	Tons				KING
2	GONDOLA T-GONDOLA TON	100	29.07	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	29.07	Tons				KING

Total Tax
Total Ticket

Driver`s Signature DK

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161751
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/26/2020	Vehicle#	04
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	TRAVIS SNOW
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/26/2020 13:46:45	SCALE 1	galtheim		Gross	100360 lb
Out	10/26/2020 13:46:45		galtheim		Tare	41160 lb
					Net	59200 lb
					Tons	29.60

Comments TRAVIS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	29.60	Tons				KING
2	GONDOLA T-GONDOLA TON	100	29.60	Tons				
3	FEA-FUEL,ENV,ADMIN	100	29.60	Tons				

Total Tax
Total Ticket

Driver`s Signature Travis

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161755
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/26/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/26/2020 14:22:57	SCALE 1	galtheim		Gross	99640 lb
Out	10/26/2020 14:22:57		galtheim		Tare	41680 lb
					Net	57960 lb
					Tons	28.98

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.98	Tons				KING
2	GONDOLA T-GONDOLA TON	100	28.98	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	28.98	Tons				KING

Total Tax
Total Ticket

Driver`s Signature DK

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161759
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/26/2020	Vehicle#	04
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	TRAVIS SNOW
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/26/2020 14:53:32	SCALE 1	galtheim		Gross	94280 lb
Out	10/26/2020 14:53:32		galtheim		Tare	41160 lb
					Net	53120 lb
					Tons	26.56

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.56	Tons				KING
2	GONDOLA T-GONDOLA TON	100	26.56	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	26.56	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Travis

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161766
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/27/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/27/2020 07:46:51	SCALE 1	galtheim		Gross	97880 lb
Out	10/27/2020 07:46:51		galtheim		Tare	41680 lb
					Net	56200 lb
					Tons	28.10

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	28.10	Tons				KING
2	GONDOLA T-GONDOLA TON	100	28.10	Tons				
3	FEA-FUEL,ENV,ADMIN	100	28.10	Tons				

Total Tax
Total Ticket

Driver`s Signature DK

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 161769
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	10/27/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	10/27/2020 08:47:28	SCALE 1	galtheim		Gross	94800 lb
Out	10/27/2020 08:47:28		galtheim		Tare	41680 lb
					Net	53120 lb
					Tons	26.56

Comments RIVERS EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.56	Tons				KING
2	GONDOLA T-GONDOLA TON	100	26.56	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	26.56	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 162119
Ph: 206 763 5025

Customer Name MT BAKER HOUSING ASSOCIATION
Ticket Date 11/02/2020
Payment Type Credit Account
Manual Ticket#
Route AK
Hauling Ticket#
Destination
PO# 133496OR

Carrier SELF HAULER *
Vehicle# 10SD
Container
Driver JERRY MYER
Check#
Billing# 0000722
Grid

Volume

	Time	Scale	Operator	Inbound		
In	11/02/2020 13:13:11	SCALE 1	galtheim		Gross	103300 lb*
Out	11/02/2020 13:13:11		galtheim		Tare	43008 lb*
			* Manual Weight		Net	60292 lb
					Tons	30.15

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	30.15	Tons				KING
2	GONDOLA T-GONDOLA TON	100	30.15	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	30.15	Tons				KING

Total Tax
Total Ticket

Driver`s Signature JM

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 162122
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	11/02/2020	Vehicle#	11SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	PAT KAVANAUGH
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	11/02/2020 13:32:20	SCALE 1	galtheim		Gross	85200 lb
Out	11/02/2020 13:32:55	SCALE 1	galtheim		Tare	42040 lb*
			* Manual Weight		Net	43160 lb
					Tons	21.58

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	21.58	Tons				KING
2	GONDOLA T-GONDOLA TON	100	21.58	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	21.58	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 162125
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	11/02/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	11/02/2020 14:01:48	SCALE 1	galtheim		Gross	92260 lb
Out	11/02/2020 14:01:48		galtheim		Tare	41680 lb
					Net	50580 lb
					Tons	25.29

Comments RIVER EDGE
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	25.29	Tons				KING
2	GONDOLA T-GONDOLA TON	100	25.29	Tons				
3	FEA-FUEL,ENV,ADMIN	100	25.29	Tons				

Total Tax
Total Ticket

Driver`s Signature ANDY

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 162127
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	11/02/2020	Vehicle#	04
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	TRAVIS SNOW
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	11/02/2020 14:16:19	SCALE 1	galtheim		Gross	96620 lb
Out	11/02/2020 14:16:19		galtheim		Tare	41160 lb
					Net	55460 lb
					Tons	27.73

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.73	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.73	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	27.73	Tons				KING

Total Tax
Total Ticket

Driver`s Signature Travis

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 162128
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	11/02/2020	Vehicle#	34
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ADAM BLACK
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	11/02/2020 14:47:22	SCALE 1	galtheim		Gross	82680 lb
Out	11/02/2020 14:55:45	SCALE 1	galtheim		Tare	40940 lb
					Net	41740 lb
					Tons	20.87

Comments BDS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	20.87	Tons				KING
2	GONDOLA T-GONDOLA TON	100	20.87	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	20.87	Tons				KING

Total Tax
Total Ticket

Driver`s Signature AK

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 162129
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	11/02/2020	Vehicle#	09
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE STEVENS
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	11/02/2020 14:58:26	SCALE 1	galtheim		Gross	90000 lb
Out	11/02/2020 14:58:26		galtheim		Tare	43200 lb
					Net	46800 lb
					Tons	23.40

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	23.40	Tons				KING
2	GONDOLA T-GONDOLA TON	100	23.40	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	23.40	Tons				KING

Total Tax
Total Ticket

Driver`s Signature DS

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 162130
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	11/02/2020	Vehicle#	NEWELL5
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	PAUL
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	11/02/2020 15:18:42	SCALE 1	galtheim		Gross	97680 lb
Out	11/02/2020 15:39:23	SCALE 1	galtheim		Tare	41860 lb
					Net	55820 lb
					Tons	27.91

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.91	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.91	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	27.91	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 162135
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *		
Ticket Date	11/03/2020	Vehicle#	09	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	DAVE STEVENS		
Route	AK	Check#			
Hauling Ticket#		Billing#	0000722		
Destination		Grid			
PO#	133496OR				

	Time	Scale	Operator	Inbound		
In	11/03/2020 07:45:39	SCALE 1	galtheim		Gross	87620 lb
Out	11/03/2020 07:45:39		galtheim		Tare	43200 lb
					Net	44420 lb
					Tons	22.21

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	22.21	Tons				KING
2	GONDOLA T-GONDOLA TON	100	22.21	Tons				
3	FEA-FUEL,ENV,ADMIN	100	22.21	Tons				

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 162136
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	11/03/2020	Vehicle#	34
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ADAM BLACK
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	11/03/2020 08:00:06	SCALE 1	galtheim		Gross	87580 lb*
Out	11/03/2020 08:00:06		galtheim		Tare	40940 lb*
			* Manual Weight		Net	46640 lb
					Tons	23.32

Comments BDS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	23.32	Tons				KING
2	GONDOLA T-GONDOLA TON	100	23.32	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	23.32	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 162179
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	11/04/2020	Vehicle#	34
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ADAM BLACK
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	11/04/2020 10:29:39	SCALE 1	galtheim		Gross	90600 lb
Out	11/04/2020 10:29:39		galtheim		Tare	40940 lb
					Net	49660 lb
					Tons	24.83

Comments BDS-GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	24.83	Tons				KING
2	GONDOLA T-GONDOLA TON	100	24.83	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	24.83	Tons				KING

Total Tax
Total Ticket

Driver`s Signature AB

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 162180
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	11/04/2020	Vehicle#	O5 SIDEDUMP
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	PAUL
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

	Time	Scale	Operator	Inbound		
In	11/04/2020 10:49:14	SCALE 1	galtheim		Gross	105840 lb*
Out	11/04/2020 10:49:14		galtheim		Tare	42400 lb*
			* Manual Weight		Net	63440 lb
					Tons	31.72

Comments NEWWELL
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	31.72	Tons				KING
2	GONDOLA T-GONDOLA TON	100	31.72	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	31.72	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 162184
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	11/04/2020	Vehicle#	08
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	RANDY MCCOLM
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	11/04/2020 11:10:35	SCALE 1	galtheim		Gross	95160 lb
Out	11/04/2020 11:10:35		galtheim		Tare	41360 lb
					Net	53800 lb
					Tons	26.90

Comments NEWELL BROS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	26.90	Tons				KING
2	GONDOLA T-GONDOLA TON	100	26.90	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	26.90	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 162213
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	11/05/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	DAVE KRIETZMAN
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	11/05/2020 07:56:56	SCALE 1	galtheim		Gross	91960 lb
Out	11/05/2020 07:56:56		galtheim		Tare	41680 lb
					Net	50280 lb
					Tons	25.14

Comments RIVERS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	25.14	Tons				KING
2	GONDOLA T-GONDOLA TON	100	25.14	Tons				KING
3	FEA-FUEL,ENV,ADMIN	100	25.14	Tons				KING

Total Tax
Total Ticket

Driver`s Signature

WASTE MANAGEMENT

Alaska Street
70 S Alaska Street
Seattle, WA, 98134

Reprint
Ticket# 162222
Ph: 206 763 5025

Customer Name	MT BAKER HOUSING ASSOCIATION	Carrier	SELF HAULER *
Ticket Date	11/05/2020	Vehicle#	5789-12SD
Payment Type	Credit Account	Container	
Manual Ticket#		Driver	ANDY
Route	AK	Check#	
Hauling Ticket#		Billing#	0000722
Destination		Grid	
PO#	133496OR		

Volume

	Time	Scale	Operator	Inbound		
In	11/05/2020 09:10:16	SCALE 1	galtheim		Gross	95960 lb
Out	11/05/2020 09:10:16		galtheim		Tare	41680 lb
					Net	54280 lb
					Tons	27.14

Comments RIVERS
GA

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-Tons-Pet	100	27.14	Tons				KING
2	GONDOLA T-GONDOLA TON	100	27.14	Tons				
3	FEA-FUEL,ENV,ADMIN	100	27.14	Tons				

Total Tax
Total Ticket

Driver`s Signature ANDY

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.		TICKET TIME		DATE	
	1124071954		11:23:40		9/4/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Side Dump	RIV23TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
7886596		118.34 /	4	118.34

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	32.13		

SCALE WEIGHT

107,760 LB m
Gross
43,500 LB/P.T.*
Tare
64,260 LB m
Net

GROSS & TARE

☐ X Scale 1 ☐ Scale 2
X Cate
Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature
	X	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

1124071954 11:23:40 9/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump RIV23TT
Everett, WA 98213

7886596 118.34 / 4 118.34

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 32.13

107,760 LB m
43,500 LB/P.T.* **x**
64,260 LB m Cate

1124071954 11:23:40 9/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump RIV23TT
Everett, WA 98213

7886596 118.34 / 4 118.34

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 32.13

107,760 LB m
43,500 LB/P.T.* **x**
64,260 LB m Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.		TICKET TIME		DATE	
	1124071950		10:39:18		9/4/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Super Solo	NEW04TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		86.21 /	3	86.21

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	30.58		

SCALE WEIGHT		GROSS & TARE
	102,260 LB m	
Gross	41,100 LB/P.T.*	X ☐ Scale 1 ☐ Scale 2
Tare	61,160 LB m	
Net		X Cate Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124071950 10:39:18 9/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

86.21 / 3 86.21

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 30.58

102,260 LB m
41,100 LB/P.T.* **x**
61,160 LB m Cate

1124071950 10:39:18 9/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

86.21 / 3 86.21

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 30.58

102,260 LB m
41,100 LB/P.T.* **x**
61,160 LB m Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	TICKET TIME	DATE
1124071939	09:06:44	4/17/20

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Side Dump	RIV23TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
7886596		55.63 /	2	55.63

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	27.38		

SCALE WEIGHT	GROSS & TARE
98,260 LB *	X
Gross 43,500 LB/P.T.*	☐ Scale Cat e ☐ Scale 2
Tare 54,760 LB *	X _____ Deputy Weighmaster
Net	

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature
	X	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

1124071939 09:06:44 9/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump RIV23TT

7886596 55.63 / 2 55.63

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 27.38

98,260 LB *
43,500 LB/P.T.* **x**
54,760 LB * Cate

1124071939 09:06:44 9/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump RIV23TT

7886596 55.63 / 2 55.63

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 27.38

98,260 LB *
43,500 LB/P.T.* **x**
54,760 LB * Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.		TICKET TIME		DATE	
	1124071937		09.03.14		P/4/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Super Solo	NEW04TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		28.25 /	1	28.25

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN
HEIDELBERGCEMENTGroup®

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.25		

SCALE WEIGHT	GROSS & TARE
97,600 LB *	
Gross 41,100 LB/P.T.*	X ☐ Scale 1 ☐ Scale 2
Tare 56,500 LB *	X _____ Deputy Weighmaster
Net	

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature
	X	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

1124071937 09:03:14 9/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

28.25 / 1 28.25

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.25

97,600 LB *
41,100 LB/P.T.* **x**
56,500 LB * Cate

1124071937 09:03:14 9/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

28.25 / 1 28.25

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.25

97,600 LB *
41,100 LB/P.T.* **x**
56,500 LB * Cate

1124077941
33.91

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 18

Driver Signature: Andy

Scale Attendant Signature: CH Date/Time In: 9.21.20 12:29

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124072941	TICKET TIME	12:29:30	DATE	9/21/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Super Solo	RIV18TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		134.49 /	4	134.49

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN
HEIDELBERGCEMENT Group
www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	33.97		

SCALE WEIGHT	GROSS & TARE
Gross 108,700 LB m	[X] Scale 1 [ ] Scale 2
Tare 40,760 LB/P.T.*	X Cate
Net 67,940 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature.	Received by Signature	Print Name (Customer)	Driver's Signature
[ ]	X	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

1124072941 12:29:30 9/21/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

134.49 / 4 134.49

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 33.97

108,700 LB m
40,760 LB/P.T.* **x**
67,940 LB m Cate

1124072941 12:29:30 9/21/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

134.49 / 4 134.49

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 33.97

108,700 LB m
40,760 LB/P.T.* **x**
67,940 LB m Cate

112407293I
34.55

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 04

Driver Signature: TRAVIS

Scale Attendant Signature: CH Date/Time In: 9-21-20 11:33

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124072931	TICKET TIME	11:33:07	DATE	9/21/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Super Solo	NEW04TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		100.52 /	3	100.52	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN
HEIDELBERGCEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	34.55		

SCALE WEIGHT	GROSS & TARE
Gross 110,200 LB m	[X] Scale 1 [ ] Scale 2
Tare 41,100 LB/P.T.*	X Cate
Net 69,100 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature.	Received by Signature	Print Name (Customer)	Driver's Signature
[ ]	x Travis	x	x

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								x

1124072931 11:33:07 9/21/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

100.52 / 3 100.52

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 34.55

110,200 LB m
41,100 LB/P.T.* **x**
69,100 LB m Cate

1124072931 11:33:07 9/21/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

100.52 / 3 100.52

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 34.55

110,200 LB m
41,100 LB/P.T.* **x**
69,100 LB m Cate

1124072919
33.84

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 18

Driver Signature: Andy

Scale Attendant Signature: CH Date/Time In: 9.21.20 10:39

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124072919	TICKET TIME	10:39:57	DATE	9/21/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Super Solo	RIV18TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		65.97 /	2	65.97	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	33.84		

SCALE WEIGHT	GROSS & TARE		
Gross 108,440 LB m	☒ Scale 1 ☐ Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 40,760 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 67,680 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Andy	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X	This Tickets Grand Total	

1124072919 10:39:57 9/21/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

65.97 / 2 65.97

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 33.84

108,440 LB m
40,760 LB/P.T.* **x**
67,680 LB m Cate

1124072919 10:39:57 9/21/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

65.97 / 2 65.97

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 33.84

108,440 LB m
40,760 LB/P.T.* **x**
67,680 LB m Cate

1124072901
32.13

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 041

Driver Signature: Travis

Scale Attendant Signature: CH Date/Time In: 9.21.20 9:33

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

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(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124072901	TICKET TIME	09:33:27	DATE	9/21/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.		Trailer or License Plate No.	Zone
Super Solo	NEW04TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered		Load No.	Running Total
		32.13 /		1	32.13

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	32.13		

SCALE WEIGHT		GROSS & TARE
Gross	105,360 LB m	
Tare	41,100 LB/P.T.*	☒ Scale 1 ☐ Scale 2
Net	64,260 LB m	X Cate Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature
	X Travis	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

1124072901 09:33:27 9/21/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

32.13 / 1 32.13

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 32.13

105,360 LB m
41,100 LB/P.T.* **x**
64,260 LB m Cate

1124072901 09:33:27 9/21/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

32.13 / 1 32.13

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 32.13

105,360 LB m
41,100 LB/P.T.* **x**
64,260 LB m Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124072835	TICKET TIME	10:30:14	DATE	9/18/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Super Solo	RIV18TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		28.47 /	1	28.47	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.47		

SCALE WEIGHT	GROSS & TARE		
Gross 97,700 LB *	☐ Scale 1 ☒ Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 40,760 LB/P.T.*	X Cate	**LIABILITY WAIVER** Cadman, (inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	Sales Tax
Net 56,940 LB *	Deputy Weighmaster		**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature X	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials X	This Tickets Grand Total

1124072836
28-47

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 18

Driver Signature: Andy

Scale Attendant Signature: CH Date/Time In: 9/8/20 10:30

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124072835 10:30:14 9/18/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

28.47 / 1 28.47

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.47

97,700 LB *
40,760 LB/P.T.* **x**
56,940 LB * Cate

1124072835 10:30:14 9/18/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

28.47 / 1 28.47

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.47

97,700 LB *
40,760 LB/P.T.* **x**
56,940 LB * Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073061	TICKET TIME	10:47:08	DATE	9/23/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.		Map Ref.		Disp. Ord. #
			/		
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Side Dump	NEW11TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		160.89 /	5		160.89

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN
HEIDELBERGCEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	30.45		

SCALE WEIGHT	GROSS & TARE		
Gross 102,900 LB m	☒ Scale 1 ☐ Scale 2	Fuel Surcharge	
Tare 42,000 LB/P.T.*	X Cate	Sales Tax	
Net 60,900 LB m	Deputy Weighmaster	**Total**	

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Pat	Print Name (Customer) X	Driver's Signature X	Standby Time	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X	This Tickets Grand Total	

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073061	TICKET TIME	10:47:08	DATE	9/23/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Side Dump	NEW11TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		160.89 /	5		160.89

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	30.45		

SCALE WEIGHT	GROSS & TARE		
Gross 102,900 LB m	[X] Scale 1 [ ] Scale 2	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare 42,000 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 60,900 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. [ ]	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	X Pat	X	X	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials	This Tickets Grand Total
								X	

CADMAN
HEIDELBERGCEMENT Group

112407306.1
30.45

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 11

Driver Signature: Pat

Scale Attendant Signature: CH Date/Time In: 9-23-20 10:47

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073052	TICKET TIME	10:03:00	DATE	9/23/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Super Solo	RIV18TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		130.44 /	4	130.44

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	31.20		

SCALE WEIGHT	GROSS & TARE
Gross 103,160 LB m	☒ Scale 1 ☐ Scale 2
Tare 40,760 LB/P.T.*	X Cate
Net 62,400 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Cate Andy	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073052	TICKET TIME	10:03:00	DATE	9/23/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Super Solo	RIV18TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		130.44 /	4	130.44	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	31.20		

SCALE WEIGHT	GROSS & TARE		
Gross 103,160 LB m	[X] Scale 1 [ ] Scale 2	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare 40,760 LB/P.T.*	X Cate	LIABILITY WAIVER	Sales Tax
Net 62,400 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. [ ]	Received by Signature X Andy	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X	This Tickets Grand Total	

11241073052
31.20

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 18

Driver Signature: Andy

Scale Attendant Signature: CH Date/Time In: 9.23.20 10:03

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073045	TICKET TIME	09:17:04	DATE	9/23/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Super Solo	NEW04TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		99.24 /	3		99.24

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	33.65		

SCALE WEIGHT
Gross 108,400 LB m
Tare 41,100 LB/P.T.*
Net 67,300 LB m

GROSS & TARE
☒ Scale 1 ☐ Scale 2
X Cate
Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER
Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Travis	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

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HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073045	TICKET TIME	09:17:04	DATE	9/23/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Super Solo	NEW04TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		99.24 /	3	99.24

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	33.65		

SCALE WEIGHT	GROSS & TARE
Gross 108,400 LB m	☒ Scale 1 ☐ Scale 2
Tare 41,100 LB/P.T.*	X Cate
Net 67,300 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature
	X Travis	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

CADMAN
HEIDELBERGCEMENT Group

112407 3045
33.105

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 04

Driver Signature: Travis

Scale Attendant Signature: CH Date/Time In: 9.23.20 9:17

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHTMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073040	TICKET TIME	08:56:31	DATE	9/23/2020
Customer No. 9924656	Payment Type Account	Customer Name MOUNT BAKER HOUSING ASSOCIATION			Order No. 66081
Customer Job. No.	Customer P.O.		Map Ref. /		Disp. Ord. #
Truck Type Side Dump	Truck No. NEW11TT	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Hauler/Carrier No.	Driver's Name	Delivered/Ordered 65.59 /	Load No. 2		Running Total 65.59

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	32.40		

SCALE WEIGHT	GROSS & TARE		
Gross 106,800 LB *	☒ Scale 1 ☐ Scale 2	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare 42,000 LB/P.T.*	X Cate	**LIABILITY WAIVER** Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	Sales Tax
Net 64,800 LB *	Deputy Weighmaster		**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Dat	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials X	This Tickets Grand Total

CADMAN
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(888) 322-6847 425-961-7100

WEIGHTMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073040	TICKET TIME	08:56:31	DATE	9/23/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Side Dump	NEW11TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		65.59 /	2	65.59

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	32.40		

SCALE WEIGHT	GROSS & TARE
Gross 106,800 LB *	[X] Scale 1 [ ] Scale 2
Tare 42,000 LB/P.T.*	X Cate
Net 64,800 LB *	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature.	Received by Signature	Print Name (Customer)	Driver's Signature
[ ]	X Dat	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

112407302-10
32.40

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 11

Driver Signature: Pat

Scale Attendant Signature: CH Date/Time In: 9.23.20 8:56

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

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HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073030	TICKET TIME	08:08:57	DATE	9/23/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Super Solo	RIV18TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		33.19 /	1	33.19

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	33.19		

SCALE WEIGHT	GROSS & TARE
Gross 107,140 LB m	☒ Scale 1 ☐ Scale 2
Tare 40,760 LB/P.T.*	X Cate
Net 66,380 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature
	X Andy	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

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HEIDELBERGCEMENTGroup®
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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073030	TICKET TIME	08:08:57	DATE	9/23/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Super Solo	RIV18TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		33.19 /	1	33.19

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN
HEIDELBERGCEMENT
www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	33.19		

SCALE WEIGHT	GROSS & TARE
Gross 107,140 LB m	[X] Scale 1 [ ] Scale 2
Tare 40,760 LB/P.T.*	X Cate
Net 66,380 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	

No one available to sign, customer waives receipt signature.	Received by Signature	Print Name (Customer)	Driver's Signature
[ ]	X Andy	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials	This Tickets Grand Total
								X	

1124073030
33.19

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 18

Driver Signature: Andy

Scale Attendant Signature: [illegible] Date/Time In: 9-23-20 8:08

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073184	TICKET TIME	13:15:30	DATE	9/24/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Super Solo	NEW04TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		278.01 /	9	278.01	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	34.22		

SCALE WEIGHT	GROSS & TARE		
Gross 109,540 LB m		A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare 41,100 LB/P.T.*	[X] Scale 1 [ ] Scale 2		Sales Tax
Net 68,440 LB m	X Cate Deputy Weighmaster	LIABILITY WAIVER Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. [ ]	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	X Travis	X	X	

Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials	This Tickets Grand Total
				X	

11241073184
34.22

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 014

Driver Signature: Travis

Scale Attendant Signature: CH Date/Time In: 9-24-20 1:15

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073184 13:15:30 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

278.01 / 9 278.01

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 34.22

109,540 LB m
41,100 LB/P.T.* **x**
68,440 LB m Cate

1124073184 13:15:30 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

278.01 / 9 278.01

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 34.22

109,540 LB m
41,100 LB/P.T.* **x**
68,440 LB m Cate

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WEIGHMASTER STATION
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Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073181	TICKET TIME	13:03:42	DATE	9/24/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Side Dump	NEW11TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		243.79 /	8	243.79

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	34.10		

SCALE WEIGHT

Gross 110,200 LB m
Tare 42,000 LB/P.T.*
Net 68,200 LB m

GROSS & TARE

☒ Scale 1 ☐ Scale 2

X Cate
Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature
	X Bart	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

1124073181
34110

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 11

Driver Signature: Pat

Scale Attendant Signature: CH Date/Time In: 9.24.20 1:03

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073181 13:03:42 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump NEW11TT

243.79 / 8 243.79

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 34.10

110,200 LB m
42,000 LB/P.T.* **x**
68,200 LB m Cate

1124073181 13:03:42 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump NEW11TT

243.79 / 8 243.79

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 34.10

110,200 LB m
42,000 LB/P.T.* **x**
68,200 LB m Cate

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WEIGHMASTER STATION
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Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073175	TICKET TIME	12:51:33	DATE	9/24/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.		Map Ref.		Disp. Ord. #
			/		
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Super Solo	RIV18TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		209.69 /	7		209.69

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	33.17		

SCALE WEIGHT	GROSS & TARE		
Gross 107,100 LB m	☒ Scale 1 ☐ Scale 2	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare 40,760 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 66,340 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	X Andy	X	X	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials	This Tickets Grand Total
								X	

1124013175
33.17

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 18

Driver Signature: Andy

Scale Attendant Signature: CH Date/Time In: 9.24.20 1251

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073175 12:51:33 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

209.69 / 7 209.69

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 33.17

107,100 LB m
40,760 LB/P.T.* **x**
66,340 LB m Cate

1124073175 12:51:33 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

209.69 / 7 209.69

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 33.17

107,100 LB m
40,760 LB/P.T.* **x**
66,340 LB m Cate

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WEIGHMASTER STATION
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Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073110	TICKET TIME	08:47:34	DATE	9/24/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Super Solo	RIV18TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		26.48 /	1	26.48	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	26.48		

SCALE WEIGHT	GROSS & TARE
Gross 93,720 LB m	☒ Scale 1 ☐ Scale 2
Tare 40,760 LB/P.T.*	X Cate
Net 52,960 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature
	X Andy	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

1124073110
2649

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 18

Driver Signature: Andy

Scale Attendant Signature: CAT Date/Time In: 9-24-20 9:17

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073110 08:47:34 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

26.48 / 1 26.48

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 26.48

93,720 LB m
40,760 LB/P.T.* **x**
52,960 LB m Cate

1124073110 08:47:34 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

26.48 / 1 26.48

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 26.48

93,720 LB m
40,760 LB/P.T.* **x**
52,960 LB m Cate

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WEIGHMASTER STATION
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Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073114	TICKET TIME	08:54:16	DATE	9/24/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Side Dump	NEW11TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		54.67 /	2	54.67	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN
HEIDELBERGCEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.19		

SCALE WEIGHT	GROSS & TARE		
Gross 98,380 LB m	☒ Scale 1 ☐ Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 42,000 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 56,380 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	X Pat	X	X	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials	This Tickets Grand Total
								X	

112407311-4
2819

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 11

Driver Signature: Pat

Scale Attendant Signature: CH Date/Time In: 9 24 20 8:54

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073114 08:54:16 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW11TT
Everett, WA 98213

54.67 / 2 54.67

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.19

98,380 LB m
42,000 LB/P.T.* **x**
56,380 LB m Cate

1124073114 08:54:16 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW11TT
Everett, WA 98213

54.67 / 2 54.67

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.19

98,380 LB m
42,000 LB/P.T.* **x**
56,380 LB m Cate

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(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073119	TICKET TIME	09:12:14	DATE	9/24/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Super Solo	NEW04TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		84.15 /	3		84.15

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	29.48		

SCALE WEIGHT	GROSS & TARE		
Gross 100,060 LB m	[X] Scale 1 [ ] Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 41,100 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 58,960 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. [ ]	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	x Travis	X	X	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials	This Tickets Grand Total
								X	

1124073119
29.48

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 04

Driver Signature: Travis

Scale Attendant Signature: CH Date/Time In: 9.24.20 9:12

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date_____

***** incoming load must be accompanied by a completed manifest *****

1124073119 09:12:14 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

84.15 / 3 84.15

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.48

100,060 LB m
41,100 LB/P.T.* **x**
58,960 LB m Cate

1124073119 09:12:14 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

84.15 / 3 84.15

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.48

100,060 LB m
41,100 LB/P.T.* **x**
58,960 LB m Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073149	TICKET TIME	10:53:52	DATE	9/24/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Super Solo	RIV18TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		114.67 /	4	114.67	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	30.52		

SCALE WEIGHT	GROSS & TARE		
Gross 101,800 LB m	☒ Scale 1 ☐ Scale 2	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare 40,760 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 61,040 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature X	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials X	This Tickets Grand Total

11240731419
30.52

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 18

Driver Signature: Andy

Scale Attendant Signature: CH Date/Time In: 9/24/20 10:53

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073149 10:53:52 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

114.67 / 4 114.67

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 30.52

101,800 LB m
40,760 LB/P.T.* **x**
61,040 LB m Cate

1124073149 10:53:52 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

114.67 / 4 114.67

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 30.52

101,800 LB m
40,760 LB/P.T.* **x**
61,040 LB m Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073154	TICKET TIME	11:08:07	DATE	9/24/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Side Dump	NEW11TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		145.87 /	5	145.87	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	31.20		

SCALE WEIGHT	GROSS & TARE		
Gross 104,400 LB m	☒ Scale 1 ☐ Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 42,000 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 62,400 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	X Nat	X	X	

Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials	This Tickets Grand Total
				X	

CADMAN
HEIDELBERGCEMENT Group

112407315-4
9.30.20

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 11

Driver Signature: Pat

Scale Attendant Signature: CH Date/Time In: 9.24.20 11:04

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073154 11:08:07 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW11TT
Everett, WA 98213

145.87 / 5 145.87

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 31.20

104,400 LB m
42,000 LB/P.T.* **x**
62,400 LB m Cate

1124073154 11:08:07 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW11TT
Everett, WA 98213

145.87 / 5 145.87

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 31.20

104,400 LB m
42,000 LB/P.T.* **x**
62,400 LB m Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073156	TICKET TIME	11:17:24	DATE	9/24/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Super Solo	NEW04TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		176.52 /	6	176.52	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	30.65		

SCALE WEIGHT	GROSS & TARE		
Gross 102,400 LB m	[X] Scale 1 [ ] Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 41,100 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 61,300 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. [ ]	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	X Travis	X	X	

Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials	This Tickets Grand Total
				X	

11240731306
30465

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 64

Driver Signature: Travis

Scale Attendant Signature: CH Date/Time In: 9.24.20 11:17

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073156 11:17:24 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

176.52 / 6 176.52

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 30.65

102,400 LB m
41,100 LB/P.T.* **x**
61,300 LB m Cate

1124073156 11:17:24 9/24/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

176.52 / 6 176.52

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 30.65

102,400 LB m
41,100 LB/P.T.* **x**
61,300 LB m Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073361	TICKET TIME	11:27:13	DATE	9/28/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Super Solo	RIV18TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		179.34 /	6		179.34

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT Group

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	31.40		

SCALE WEIGHT	GROSS & TARE
Gross 103,560 LB m	☒ Scale 1 ☐ Scale 2
Tare 40,760 LB/P.T.*	X Cate
Net 62,800 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature x	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124073361
31.40

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 18

Driver Signature: Andy

Scale Attendant Signature: CM Date/Time In: 9-28-20 11:27

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073361 11:27:13 9/28/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

179.34 / 6 179.34

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 31.40

103,560 LB m
40,760 LB/P.T.* **x**
62,800 LB m Cate

1124073361 11:27:13 9/28/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

179.34 / 6 179.34

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 31.40

103,560 LB m
40,760 LB/P.T.* **x**
62,800 LB m Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073334	TICKET TIME	09:05:27	DATE	9/28/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Side Dump	NEW11TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		29.06 /	1	29.06	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	29.06		

SCALE WEIGHT	GROSS & TARE		
Gross 100,120 LB m	☒ Scale 1 ☐ Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 42,000 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 58,120 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	X Dat	X	X	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials	This Tickets Grand Total
								X	

1124073334
29.06

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 11

Driver Signature: Pat

Scale Attendant Signature: CH Date/Time In: 9.28.20 9:05

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073334 09:05:27 9/28/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW11TT
Everett, WA 98213

29.06 / 1 29.06

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.06

100,120 LB m
42,000 LB/P.T.* **x**
58,120 LB m Cate

1124073334 09:05:27 9/28/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW11TT
Everett, WA 98213

29.06 / 1 29.06

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.06

100,120 LB m
42,000 LB/P.T.* **x**
58,120 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073340	TICKET TIME	09:15:10	DATE	9/28/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Super Solo	NEW04TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		58.96 /	2	58.96	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	29.90		

SCALE WEIGHT	GROSS & TARE		
Gross 100,900 LB m	☒ Scale 1 ☐ Scale 2	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare 41,100 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 59,800 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	X Travis	X	X	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials	This Tickets Grand Total
								X	

1124073340
29.90

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 04

Driver Signature: TRAVIS

Scale Attendant Signature: CH Date/Time In: 9.28.20 9:15

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073340 09:15:10 9/28/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

58.96 / 2 58.96

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.90

100,900 LB m
41,100 LB/P.T.* **x**
59,800 LB m Cate

1124073340 09:15:10 9/28/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

58.96 / 2 58.96

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.90

100,900 LB m
41,100 LB/P.T.* **x**
59,800 LB m Cate

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HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073343	TICKET TIME	09:38:50	DATE	9/28/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.		Trailer or License Plate No.	Zone
Super Solo	RIV18TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered		Load No.	Running Total
		88.88 /		3	88.88

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	29.92		

SCALE WEIGHT	GROSS & TARE
Gross 100,600 LB m	☒ Scale 1 ☐ Scale 2
Tare 40,760 LB/P.T.*	X Cate
Net 59,840 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124013343
29992

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 18

Driver Signature: Andy

Scale Attendant Signature: CH Date/Time In: 9.28.20 9:38

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073343 09:38:50 9/28/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

88.88 / 3 88.88

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.92

100,600 LB m
40,760 LB/P.T.* **x**
59,840 LB m Cate

1124073343 09:38:50 9/28/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

88.88 / 3 88.88

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.92

100,600 LB m
40,760 LB/P.T.* **x**
59,840 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup®
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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073352	TICKET TIME	10:55:06	DATE	9/28/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Side Dump	NEW11TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		118.67 /	4		118.67

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	29.79		

SCALE WEIGHT	GROSS & TARE		
Gross 101,580 LB m	☒ Scale 1 ☐ Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 42,000 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 59,580 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Dat	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials X	This Tickets Grand Total

1124073352
29.79

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 11

Driver Signature: Pat

Scale Attendant Signature: CH Date/Time In: 9.28.20 10:55

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073352 10:55:06 9/28/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump NEW11TT

118.67 / 4 118.67

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.79

101,580 LB m
42,000 LB/P.T.* **x**
59,580 LB m Cate

1124073352 10:55:06 9/28/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump NEW11TT

118.67 / 4 118.67

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.79

101,580 LB m
42,000 LB/P.T.* **x**
59,580 LB m Cate

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(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073357	TICKET TIME	11:06:59	DATE	9/28/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.		Trailer or License Plate No.	Zone
Super Solo	NEW04TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered		Load No.	Running Total
		147.94 /		5	147.94

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN
HEIDELBERGCEMENTGroup®

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	29.27		

SCALE WEIGHT		GROSS & TARE	
Gross	99,640 LB m		
Tare	41,100 LB/P.T.*	☒ Scale 1 ☐ Scale 2	
Net	58,540 LB m	X Cate	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature
	X Travis	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

1124013357
29.27

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 04

Driver Signature: Travis

Scale Attendant Signature: CA Date/Time In: 9.28.20 11:06

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073357 11:06:59 9/28/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

147.94 / 5 147.94

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.27

99,640 LB m
41,100 LB/P.T.* **x**
58,540 LB m Cate

1124073357 11:06:59 9/28/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

147.94 / 5 147.94

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.27

99,640 LB m
41,100 LB/P.T.* **x**
58,540 LB m Cate

CADMAN
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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073417	TICKET TIME	10:17:27	DATE	9/29/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Super Solo	RIV18TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		55.50 /	2	55.50	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	31.38		

SCALE WEIGHT	GROSS & TARE
Gross 103,520 LB m	☒ Scale 1 ☐ Scale 2
Tare 40,760 LB/P.T.*	X Cate
Net 62,760 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Andy	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124073417
31.38

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 18

Driver Signature: Andy

Scale Attendant Signature: CH Date/Time In: 9.29.20 10:17

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073417 10:17:27 9/29/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

55.50 / 2 55.50

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 31.38

103,520 LB m
40,760 LB/P.T.* **x**
62,760 LB m Cate

1124073417 10:17:27 9/29/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

55.50 / 2 55.50

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 31.38

103,520 LB m
40,760 LB/P.T.* **x**
62,760 LB m Cate

CADMAN
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(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073398	TICKET TIME	08:12:25	DATE	9/29/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.		Trailer or License Plate No.	Zone
Super Solo	RIV18TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered		Load No.	Running Total
		24.12 /		1	24.12

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	24.12		

SCALE WEIGHT	GROSS & TARE		Fuel Surcharge	
Gross 89,000 LB m	[X] Scale 1 [ ] Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Sales Tax	
Tare 40,760 LB/P.T.*	X Cate	**LIABILITY WAIVER** Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**	
Net 48,240 LB m	Deputy Weighmaster		Standby Time	

No one available to sign, customer waives receipt signature. [ ]	Received by Signature X	Print Name (Customer) X	Driver's Signature X	Customer's Initials X	This Tickets Grand Total

Arrive Job		Start Unloading		Finish Unloading		Standby Time	

1124073398

24.12

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	*2*	***GLENWOOD LANDFILL***

Truck #: 18

Driver Signature: Andy

Scale Attendant Signature: CH Date/Time In: 9.29.20 8:12

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073398 08:12:25 9/29/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

24.12 / 1 24.12

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 24.12

89,000 LB m
40,760 LB/P.T.* **x**
48,240 LB m Cate

1124073398 08:12:25 9/29/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo RIV18TT
Everett, WA 98213

24.12 / 1 24.12

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 24.12

89,000 LB m
40,760 LB/P.T.* **x**
48,240 LB m Cate

1124073487 11:59:49 9/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

161.40 / 5 161.40

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 31.09

103,280 LB m
41,100 LB/P.T.* **x**
62,180 LB m Cate

1124073487 11:59:49 9/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

161.40 / 5 161.40

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 31.09

103,280 LB m
41,100 LB/P.T.* **x**
62,180 LB m Cate

1124073459 08:24:12 9/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

33.26 / 1 33.26

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 33.26

107,620 LB m
41,100 LB/P.T.* **x**
66,520 LB m Cate

1124073459 08:24:12 9/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

33.26 / 1 33.26

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 33.26

107,620 LB m
41,100 LB/P.T.* **x**
66,520 LB m Cate

1124073469 09:29:00 9/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump BRU8TT
Everett, WA 98213

65.67 / 2 65.67

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 32.41

108,560 LB *
43,740 LB/P.T.* **x**
64,820 LB * Cate

1124073469 09:29:00 9/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump BRU8TT
Everett, WA 98213

65.67 / 2 65.67

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 32.41

108,560 LB *
43,740 LB/P.T.* **x**
64,820 LB * Cate

1124073473 10:13:13 9/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

98.53 / 3 98.53

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 32.86

106,820 LB m
41,100 LB/P.T.* **x**
65,720 LB m Cate

1124073473 10:13:13 9/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

98.53 / 3 98.53

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 32.86

106,820 LB m
41,100 LB/P.T.* **x**
65,720 LB m Cate

1124073480 11:12:33 9/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump BRU8TT
Everett, WA 98213

130.31 / 4 130.31

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 31.78

107,300 LB m
43,740 LB/P.T.* **x**
63,560 LB m Cate

1124073480 11:12:33 9/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump BRU8TT
Everett, WA 98213

130.31 / 4 130.31

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 31.78

107,300 LB m
43,740 LB/P.T.* **x**
63,560 LB m Cate

1124073555 10:16:27 10/1/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump BRU8TT

126.73 / 4 126.73

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.54

102,820 LB m
43,740 LB/P.T.* **x**
59,080 LB m Cate

1124073555 10:16:27 10/1/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump BRU8TT

126.73 / 4 126.73

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.54

102,820 LB m
43,740 LB/P.T.* **x**
59,080 LB m Cate

1124073555 10:16:27 10/1/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump BRU8TT

126.73 / 4 126.73

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.54

102,820 LB m
43,740 LB/P.T.* **x**
59,080 LB m Cate

1124073555 10:16:27 10/1/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump BRU8TT

126.73 / 4 126.73

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.54

102,820 LB m
43,740 LB/P.T.* **x**
59,080 LB m Cate

1124073552 10:03:02 10/1/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

97.19 / 3 97.19

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.97

99,040 LB m
41,100 LB/P.T.* **x**
57,940 LB m Cate

1124073552 10:03:02 10/1/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

97.19 / 3 97.19

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.97

99,040 LB m
41,100 LB/P.T.* **x**
57,940 LB m Cate

1124073552 10:03:02 10/1/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

97.19 / 3 97.19

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.97

99,040 LB m
41,100 LB/P.T.* **x**
57,940 LB m Cate

1124073552 10:03:02 10/1/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

97.19 / 3 97.19

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.97

99,040 LB m
41,100 LB/P.T.* **x**
57,940 LB m Cate

1124073530 08:26:28 10/1/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump BRU8TT

68.22 / 2 68.22

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 33.41

110,560 LB m
43,740 LB/P.T.* **x**
66,820 LB m Cate

1124073530 08:26:28 10/1/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump BRU8TT

68.22 / 2 68.22

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 33.41

110,560 LB m
43,740 LB/P.T.* **x**
66,820 LB m Cate

1124073530 08:26:28 10/1/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump BRU8TT

68.22 / 2 68.22

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 33.41

110,560 LB m
43,740 LB/P.T.* **x**
66,820 LB m Cate

1124073530 08:26:28 10/1/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump BRU8TT

68.22 / 2 68.22

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 33.41

110,560 LB m
43,740 LB/P.T.* **x**
66,820 LB m Cate

1124073524 08:11:30 10/1/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

34.81 / 1 34.81

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 34.81

110,720 LB m
41,100 LB/P.T.* **x**
69,620 LB m Cate

1124073524 08:11:30 10/1/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

34.81 / 1 34.81

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 34.81

110,720 LB m
41,100 LB/P.T.* **x**
69,620 LB m Cate

1124073524 08:11:30 10/1/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

34.81 / 1 34.81

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 34.81

110,720 LB m
41,100 LB/P.T.* **x**
69,620 LB m Cate

1124073524 08:11:30 10/1/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

34.81 / 1 34.81

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 34.81

110,720 LB m
41,100 LB/P.T.* **x**
69,620 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073690	TICKET TIME	10:33:53	DATE	10/6/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Super Solo	NEW01TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		25.64 /	1		25.64

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERG CEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	25.64		

SCALE WEIGHT	GROSS & TARE
Gross 92,160 LB *	☒ Scale 1 ☐ Scale 2
Tare 40,880 LB/P.T.*	X Cate
Net 51,280 LB *	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Michael	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124073690
25.64

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 01

Driver Signature: Michael

Scale Attendant Signature: CH Date/Time In: 10.6.20 10:33

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date_____

***** incoming load must be accompanied by a completed manifest *****

1124073690 10:33:53 10/6/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW01TT
Everett, WA 98213

25.64 / 1 25.64

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 25.64

92,160 LB *
40,880 LB/P.T.* **x**
51,280 LB * Cate

1124073690 10:33:53 10/6/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW01TT
Everett, WA 98213

25.64 / 1 25.64

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 25.64

92,160 LB *
40,880 LB/P.T.* **x**
51,280 LB * Cate

CADMAN
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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073703	TICKET TIME	12:10:02	DATE	10/6/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Super Solo	NEW01TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		47.80 /	2	47.80	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	22.16		

SCALE WEIGHT

Gross 85,200 LB m
Tare 40,880 LB/P.T.*
Net 44,320 LB m

GROSS & TARE

[X] Scale 1 [ ] Scale 2
X Cate
Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. [ ]

Received by Signature: X Michael

Print Name (Customer): X

Driver's Signature: X

Customer's Initials: X

Arrive Job		Start Unloading		Finish Unloading		Standby Time	

1124013103
22.16

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 01

Driver Signature: Michael

Scale Attendant Signature: CH Date/Time In: 10.6.20 12:10

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073703 12:10:02 10/6/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW01TT
Everett, WA 98213

47.80 / 2 47.80

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 22.16

85,200 LB m
40,880 LB/P.T.* **x**
44,320 LB m Cate

1124073703 12:10:02 10/6/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW01TT
Everett, WA 98213

47.80 / 2 47.80

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 22.16

85,200 LB m
40,880 LB/P.T.* **x**
44,320 LB m Cate

CADMAN
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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073723	TICKET TIME	08:13:02	DATE	10/7/2020
Customer No. 9924656	Payment Type Account	Customer Name MOUNT BAKER HOUSING ASSOCIATION			Order No. 66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type Side Dump	Truck No. RIV23TT	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Hauler/Carrier No. 7886596	Driver's Name	Delivered/Ordered 27.26 /	Load No. 1		Running Total 27.26

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	27.26		

SCALE WEIGHT	GROSS & TARE		
Gross 95,800 LB m	[X] Scale 1 [ ] Scale 2	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare 41,280 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 54,520 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. [ ]	Received by Signature X Robert	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials X	This Tickets Grand Total

1124073723
2726

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 23

Driver Signature: Robert

Scale Attendant Signature: CH Date/Time In: 10.7.20 8:13

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073723 08:13:02 10/7/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump RIV23TT
Everett, WA 98213

7886596 27.26 / 1 27.26

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 27.26

95,800 LB m
41,280 LB/P.T.* **x**
54,520 LB m Cate

1124073723 08:13:02 10/7/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump RIV23TT
Everett, WA 98213

7886596 27.26 / 1 27.26

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 27.26

95,800 LB m
41,280 LB/P.T.* **x**
54,520 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124073724	TICKET TIME	08:17:53	DATE	10/7/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Super Solo	NEW01TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		54.94 /	2		54.94

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	27.68		

SCALE WEIGHT	GROSS & TARE
Gross 96,240 LB m	☒ Scale 1 ☐ Scale 2
Tare 40,880 LB/P.T.*	X Cate
Net 55,360 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Michael	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124073124
27.68

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 01

Driver Signature: Michael

Scale Attendant Signature: CH Date/Time In: 10.7.20 8:17

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124073724 08:17:53 10/7/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW01TT
Everett, WA 98213

54.94 / 2 54.94

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 27.68

96,240 LB m
40,880 LB/P.T.* **x**
55,360 LB m Cate

1124073724 08:17:53 10/7/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW01TT
Everett, WA 98213

54.94 / 2 54.94

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 27.68

96,240 LB m
40,880 LB/P.T.* **x**
55,360 LB m Cate

1124074045
30.09

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 7

Driver Signature: Andy

Scale Attendant Signature: CH Date/Time In: 10.14.20 11:49

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074045	TICKET TIME	11:49:18	DATE	10/14/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.		Map Ref. /		Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Truck & Trailer	RIV7TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		30.09 /	1		30.09

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	30.09		

SCALE WEIGHT	GROSS & TARE
Gross 103,200 LB *	☒ Scale 1 ☐ Scale 2
Tare 43,020 LB/P.T.*	X Cate
Net 60,180 LB *	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Andy	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124074045 11:49:18 10/14/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer RIV7TT
Everett, WA 98213

30.09 / 1 30.09

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 30.09

103,200 LB *
43,020 LB/P.T.* **x**
60,180 LB * Cate

1124074045 11:49:18 10/14/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer RIV7TT
Everett, WA 98213

30.09 / 1 30.09

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 30.09

103,200 LB *
43,020 LB/P.T.* **x**
60,180 LB * Cate

1124074051
2906

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 8

Driver Signature: x

Scale Attendant Signature: CH Date/Time In: 10.14.20 12:10

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074051	TICKET TIME	12:10:38	DATE	10/14/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.		Map Ref.		Disp. Ord. #
			/		
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Truck & Trailer	NEW08TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		59.15 /	2		59.15

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN
HEIDELBERG PLANT
www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	29.06		

SCALE WEIGHT	GROSS & TARE		
Gross 99,400 LB *	☒ Scale 1 ☐ Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 41,280 LB/P.T.*		**LIABILITY WAIVER**	Sales Tax
Net 58,120 LB *	X Cate Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature X	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X	**This Tickets Grand Total**	

1124074051 12:10:38 10/14/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW08TT
Everett, WA 98213

59.15 / 2 59.15

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.06

99,400 LB *
41,280 LB/P.T.* **x**
58,120 LB * Cate

1124074051 12:10:38 10/14/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW08TT
Everett, WA 98213

59.15 / 2 59.15

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.06

99,400 LB *
41,280 LB/P.T.* **x**
58,120 LB * Cate

1124074053
31.00

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 8

Driver Signature: Bruce

Scale Attendant Signature: CH Date/Time In: 10.14.20 12:13

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHTMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074053	TICKET TIME	12:13:56	DATE	10/14/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.		Trailer or License Plate No.	Zone
Side Dump	BRU8TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered		Load No.	Running Total
		90.15 /		3	90.15

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN
HEIDELBERGCEMENT
www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	31.00		

SCALE WEIGHT	GROSS & TARE		
Gross 105,740 LB m	☒ Scale 1 ☐ Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 43,740 LB/P.T.*		**LIABILITY WAIVER**	Sales Tax
Net 62,000 LB m	X Cate Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature X	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials	This Tickets Grand Total
				X	

1124074053 12:13:56 10/14/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump BRU8TT
Everett, WA 98213

90.15 / 3 90.15

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 31.00

105,740 LB m
43,740 LB/P.T.* **x**
62,000 LB m Cate

1124074053 12:13:56 10/14/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump BRU8TT
Everett, WA 98213

90.15 / 3 90.15

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 31.00

105,740 LB m
43,740 LB/P.T.* **x**
62,000 LB m Cate

1124074055
25.17

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 12

Driver Signature: Dave

Scale Attendant Signature: CH Date/Time In: 10.14.20 12:33

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074055	TICKET TIME	12:33:49	DATE	10/14/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.		Trailer or License Plate No.	Zone
Side Dump	RIV12TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered		Load No.	Running Total
		115.32 /		4	115.32

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN
HEIDELBERGCEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	25.17		

SCALE WEIGHT	GROSS & TARE
Gross 92,160 LB *	☒ Scale 1 ☐ Scale 2
Tare 41,820 LB/P.T.*	X Cate
Net 50,340 LB *	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Dave	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124074055 12:33:49 10/14/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump RIV12TT

115.32 / 4 115.32

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 25.17

92,160 LB *
41,820 LB/P.T.* **x**
50,340 LB * Cate

1124074055 12:33:49 10/14/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump RIV12TT

115.32 / 4 115.32

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 25.17

92,160 LB *
41,820 LB/P.T.* **x**
50,340 LB * Cate

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HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074110	TICKET TIME	08:19:01	DATE	10/15/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Truck & Trailer	NEW08TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		26.57 /	1	26.57	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	26.57		

SCALE WEIGHT	GROSS & TARE
Gross 94,420 LB m	☒ Scale 1 ☐ Scale 2
Tare 41,280 LB/P.T.*	X Cate
Net 53,140 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Rubo	Print Name (Customer) X	Driver's Signature X	Customer's Initials X

Arrive Job		Start Unloading		Finish Unloading		Standby Time	

CADMAN
HEIDELBERGCEMENT Group

1124074110
26-57

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 8

Driver Signature: Rob

Scale Attendant Signature: CH Date/Time In: 10.15.20 8:19

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074110 08:19:01 10/15/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW08TT
Everett, WA 98213

26.57 / 1 26.57

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 26.57

94,420 LB m
41,280 LB/P.T.* **x**
53,140 LB m Cate

1124074110 08:19:01 10/15/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW08TT
Everett, WA 98213

26.57 / 1 26.57

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 26.57

94,420 LB m
41,280 LB/P.T.* **x**
53,140 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074111	TICKET TIME	08:29:32	DATE	10/15/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Truck & Trailer	NEW07TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		52.41 /	2		52.41

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	25.84		

SCALE WEIGHT	GROSS & TARE
Gross 92,700 LB m	☒ Scale 1 ☐ Scale 2
Tare 41,020 LB/P.T.*	X Cate
Net 51,680 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Rich	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

11240TH111
25.84

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 7

Driver Signature: Rich

Scale Attendant Signature: CH Date/Time In: 10.15.20 8:29

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074111 08:29:32 10/15/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW07TT
Everett, WA 98213

52.41 / 2 52.41

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 25.84

92,700 LB m
41,020 LB/P.T.* **x**
51,680 LB m Cate

1124074111 08:29:32 10/15/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW07TT
Everett, WA 98213

52.41 / 2 52.41

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 25.84

92,700 LB m
41,020 LB/P.T.* **x**
51,680 LB m Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074113	TICKET TIME	08:46:58	DATE	10/15/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.		Trailer or License Plate No.	Zone
Super Solo	NEW01TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered		Load No.	Running Total
		82.76 /		3	82.76

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	30.35		

SCALE WEIGHT	GROSS & TARE		
Gross 101,580 LB m	☒ Scale 1 ☐ Scale 2	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare 40,880 LB/P.T.*		**LIABILITY WAIVER**	Sales Tax
Net 60,700 LB m	X Cate Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	X Allen	X	X	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials	This Tickets Grand Total
								X	

1124074113
30.35

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 1

Driver Signature: Glen

Scale Attendant Signature: CH Date/Time In: 10.15.20 8:46

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074113 08:46:58 10/15/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW01TT
Everett, WA 98213

82.76 / 3 82.76

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 30.35

101,580 LB m
40,880 LB/P.T.* **x**
60,700 LB m Cate

1124074113 08:46:58 10/15/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW01TT
Everett, WA 98213

82.76 / 3 82.76

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 30.35

101,580 LB m
40,880 LB/P.T.* **x**
60,700 LB m Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074124	TICKET TIME	10:11:32	DATE	10/15/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Truck & Trailer	NEW08TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		113.67 /	4		113.67

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	30.91		

SCALE WEIGHT	GROSS & TARE		
Gross 103,100 LB m	☒ Scale 1 ☐ Scale 2	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare 41,280 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 61,820 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	X Rob	X	X	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials	This Tickets Grand Total
								X	

1124074129
30.91

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 8

Driver Signature: Rob

Scale Attendant Signature: CH Date/Time In: 10.15.20 10:11

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074124 10:11:32 10/15/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW08TT
Everett, WA 98213

113.67 / 4 113.67

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 30.91

103,100 LB m
41,280 LB/P.T.* **x**
61,820 LB m Cate

1124074124 10:11:32 10/15/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW08TT
Everett, WA 98213

113.67 / 4 113.67

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 30.91

103,100 LB m
41,280 LB/P.T.* **x**
61,820 LB m Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074128	TICKET TIME	10:24:19	DATE	10/15/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Truck & Trailer	NEW07TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		142.57 /	5	142.57	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.90		

SCALE WEIGHT	GROSS & TARE
Gross 98,900 LB *	☒ Scale 1 ☐ Scale 2
Tare 41,100 LB/P.T.*	X Cate
Net 57,800 LB *	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

112407-1128
2890

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 7

Driver Signature: Rich

Scale Attendant Signature: CH Date/Time In: 10.15.20 10:24

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074128 10:24:19 10/15/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW07TT
Everett, WA 98213

142.57 / 5 142.57

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.90

98,900 LB *
41,100 LB/P.T.* **x**
57,800 LB * Cate

1124074128 10:24:19 10/15/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW07TT
Everett, WA 98213

142.57 / 5 142.57

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.90

98,900 LB *
41,100 LB/P.T.* **x**
57,800 LB * Cate

REPRINT

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074130	TICKET TIME	10:42:04	DATE	10/15/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Super Solo	NEW01TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		175.76 /	6	175.76	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	33.19		

SCALE WEIGHT	GROSS & TARE		
Gross 107,260 LB m	☒ Scale 1 ☐ Scale 2	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare 40,880 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 66,380 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Glen	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials X	This Tickets Grand Total

1124074130
33.19

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 1

Driver Signature: Glen

Scale Attendant Signature: CH Date/Time In: 10.15.20 10:42

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074130 10:42:04 10/15/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW01TT
Everett, WA 98213

175.76 / 6 175.76

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 33.19

107,260 LB m
40,880 LB/P.T.* **x**
66,380 LB m Cate

1124074130 10:42:04 10/15/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW01TT
Everett, WA 98213

175.76 / 6 175.76

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 33.19

107,260 LB m
40,880 LB/P.T.* **x**
66,380 LB m Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074164	TICKET TIME	08:07:02	DATE	10/16/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Truck & Trailer	NEW08TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		27.37 /	1	27.37	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	27.37		

SCALE WEIGHT	GROSS & TARE		
Gross 96,020 LB m	[X] Scale 1 [ ] Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 41,280 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 54,740 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. [ ]	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	X	X	X	

Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials	This Tickets Grand Total
				X	

11240141164
27.31

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 9

Driver Signature: Robo

Scale Attendant Signature: CH Date/Time In: 10-16-20 8:07

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074164 08:07:02 10/16/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW08TT
Everett, WA 98213

27.37 / 1 27.37

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 27.37

96,020 LB m
41,280 LB/P.T.* **x**
54,740 LB m Cate

1124074164 08:07:02 10/16/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW08TT
Everett, WA 98213

27.37 / 1 27.37

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 27.37

96,020 LB m
41,280 LB/P.T.* **x**
54,740 LB m Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074166	TICKET TIME	08:17:58	DATE	10/16/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Super Solo	NEW01TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		61.28 /	2	61.28	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN
HEIDELBERGCEMENT
www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	33.91		

SCALE WEIGHT		GROSS & TARE			
Gross	108,700 LB m	☒ Scale 1	☐ Scale 2	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare	40,880 LB/P.T.*	X Cate		**LIABILITY WAIVER**	Sales Tax
Net	67,820 LB m	Deputy Weighmaster		Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	X Cilen	X	X	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials	This Tickets Grand Total
								X	

CADMAN
HEIDELBERGCEMENT Group

11240741616
33.91

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 1

Driver Signature: Glen

Scale Attendant Signature: CH Date/Time In: 10-16-20 8:17

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074166 08:17:58 10/16/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW01TT
Everett, WA 98213

61.28 / 2 61.28

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 33.91

108,700 LB m
40,880 LB/P.T.* **x**
67,820 LB m Cate

1124074166 08:17:58 10/16/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW01TT
Everett, WA 98213

61.28 / 2 61.28

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 33.91

108,700 LB m
40,880 LB/P.T.* **x**
67,820 LB m Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074181	TICKET TIME	10:08:22	DATE	10/16/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Super Solo	NEW01TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		120.80 /	4	120.80	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN
HEIDELBERGCEMENTGroup
www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	29.45		

SCALE WEIGHT	GROSS & TARE
Gross 99,780 LB m	☒ Scale 1 ☐ Scale 2
Tare 40,880 LB/P.T.*	X Cate
Net 58,900 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature x Cilen	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

11240741 81
2945

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 1

Driver Signature: Glen

Scale Attendant Signature: CH Date/Time In: 10.16.20 10:09

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074181 10:08:22 10/16/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW01TT
Everett, WA 98213

120.80 / 4 120.80

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.45

99,780 LB m
40,880 LB/P.T.* **x**
58,900 LB m Cate

1124074181 10:08:22 10/16/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW01TT
Everett, WA 98213

120.80 / 4 120.80

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.45

99,780 LB m
40,880 LB/P.T.* **x**
58,900 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074168	TICKET TIME	08:24:37	DATE	10/16/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.		Trailer or License Plate No.	Zone
Side Dump	BRU8TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered		Load No.	Running Total
		91.35 /		3	91.35

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN
HEIDELBERGCEMENT
www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	30.07		

SCALE WEIGHT	GROSS & TARE		
Gross 103,880 LB m	☒ Scale 1 ☐ Scale 2	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare 43,740 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 60,140 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	x Bruce	X	X	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials	This Tickets Grand Total
								X	

CADMAN
HEIDELBERGCEMENT Group

1124071-1168
30.07

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 9

Driver Signature: BRUCE

Scale Attendant Signature: CH Date/Time In: 10.16.20 8:24

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074168 08:24:37 10/16/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump BRU8TT
Everett, WA 98213

91.35 / 3 91.35

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 30.07

103,880 LB m
43,740 LB/P.T.* **x**
60,140 LB m Cate

1124074168 08:24:37 10/16/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump BRU8TT
Everett, WA 98213

91.35 / 3 91.35

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 30.07

103,880 LB m
43,740 LB/P.T.* **x**
60,140 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHTMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074231	TICKET TIME	08:53:52	DATE	10/19/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Super Solo	NEW01TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		29.99 /	1		29.99

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	29.99		

SCALE WEIGHT	GROSS & TARE
Gross 100,860 LB m	☒ Scale 1 ☐ Scale 2
Tare 40,880 LB/P.T.*	X Cate
Net 59,980 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Glen	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124074231
2999

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 1

Driver Signature: Glen

Scale Attendant Signature: CH Date/Time In: 10.19.20 8:53

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074231 08:53:52 10/19/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW01TT
Everett, WA 98213

29.99 / 1 29.99

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.99

100,860 LB m
40,880 LB/P.T.* **x**
59,980 LB m Cate

1124074231 08:53:52 10/19/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW01TT
Everett, WA 98213

29.99 / 1 29.99

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.99

100,860 LB m
40,880 LB/P.T.* **x**
59,980 LB m Cate

1124074618
28.08

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 10

Driver Signature: Jerry

Scale Attendant Signature: CH Date/Time In: 10.27.20 8:37

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074648	TICKET TIME	08:37:49	DATE	10/27/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.		Map Ref.		Disp. Ord. #
			/		
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Solo	NEW10TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		28.08 /	1		28.08

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.08		

SCALE WEIGHT	GROSS & TARE		
Gross 99,980 LB *	☒ Scale 1 ☐ Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 43,820 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 56,160 LB *	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature X	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X	This Tickets Grand Total	

1124074648 08:37:49 10/27/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Solo NEW10TT
Everett, WA 98213

28.08 / 1 28.08

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.08

99,980 LB *
43,820 LB/P.T.* **x**
56,160 LB * Cate

1124074648 08:37:49 10/27/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Solo NEW10TT
Everett, WA 98213

28.08 / 1 28.08

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.08

99,980 LB *
43,820 LB/P.T.* **x**
56,160 LB * Cate

1124074649
28.12

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 4

Driver Signature: Travis

Scale Attendant Signature: CH Date/Time In: 10.27.20 8:42

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074649	TICKET TIME	08:42:41	DATE	10/27/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Super Solo	NEW04TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		56.20 /	2	56.20	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.12		

SCALE WEIGHT	GROSS & TARE		
Gross 97,320 LB *	[X] Scale 1 [ ] Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 41,080 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 56,240 LB *	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. [ ]	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	X Travis	X	X	

Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials	This Tickets Grand Total
				X	

1124074649 08:42:41 10/27/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

56.20 / 2 56.20

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.12

97,320 LB *
41,080 LB/P.T.* **x**
56,240 LB * Cate

1124074649 08:42:41 10/27/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

56.20 / 2 56.20

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.12

97,320 LB *
41,080 LB/P.T.* **x**
56,240 LB * Cate

1124074654
26.83

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 5

Driver Signature: Paul

Scale Attendant Signature: CH Date/Time In: 10.27.20 9:00

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
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(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074654	TICKET TIME	09:00:40	DATE	10/27/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Super Solo	NEW5TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		83.03 /	3	83.03

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	26.83		

SCALE WEIGHT	GROSS & TARE
Gross 95,700 LB *	[X] Scale 1 [ ] Scale 2
Tare 42,040 LB/P.T.*	X Cate
Net 53,660 LB *	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature.	Received by Signature	Print Name (Customer)	Driver's Signature
[ ]	X Paul	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

1124074654 09:00:40 10/27/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW5TT
Everett, WA 98213

83.03 / 3 83.03

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 26.83

95,700 LB *
42,040 LB/P.T.* **x**
53,660 LB * Cate

1124074654 09:00:40 10/27/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW5TT
Everett, WA 98213

83.03 / 3 83.03

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 26.83

95,700 LB *
42,040 LB/P.T.* **x**
53,660 LB * Cate

1124014680
·27.03

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 10

Driver Signature: Jerry

Scale Attendant Signature: CH Date/Time In: 10.27.20 10:19

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074680	TICKET TIME	10:19:03	DATE	10/27/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Solo	NEW10TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		110.06 /	4	110.06	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT www.cadman.com

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	27.03		

SCALE WEIGHT	GROSS & TARE			
Gross 97,880 LB m	☒ Scale 1 ☐ Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge	
Tare 43,820 LB/P.T.*		**LIABILITY WAIVER**	Sales Tax	
Net 54,060 LB m	X Cate Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time	
	X Jerry	X	X		

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials	This Tickets Grand Total	
								X		

1124074680 10:19:03 10/27/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Solo NEW10TT
Everett, WA 98213

110.06 / 4 110.06

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 27.03

97,880 LB m
43,820 LB/P.T.* **x**
54,060 LB m Cate

1124074680 10:19:03 10/27/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Solo NEW10TT
Everett, WA 98213

110.06 / 4 110.06

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 27.03

97,880 LB m
43,820 LB/P.T.* **x**
54,060 LB m Cate

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WEIGHMASTER STATION
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Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074889	TICKET TIME	10:40:34	DATE	10/30/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Super Solo	NEW04TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		28.08 /	1	28.08	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENTGroup

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.08		

SCALE WEIGHT	GROSS & TARE		Fuel Surcharge	
Gross 97,240 LB m	☒ Scale 1 ☐ Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Sales Tax	
Tare 41,080 LB/P.T.*	X Cate	**LIABILITY WAIVER** Cadman, (inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**	
Net 56,160 LB m	Deputy Weighmaster		Standby Time	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature	
	X Travis	X	X	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials	X	This Tickets Grand Total	

1124074889
28.08

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 04

Driver Signature: Travis

Scale Attendant Signature: CH Date/Time In: 10-30-20 10:40

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074889 10:40:34 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

28.08 / 1 28.08

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.08

97,240 LB m
41,080 LB/P.T.* **x**
56,160 LB m Cate

1124074889 10:40:34 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

28.08 / 1 28.08

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.08

97,240 LB m
41,080 LB/P.T.* **x**
56,160 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074890	TICKET TIME	10:45:55	DATE	10/30/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Side Dump	BDS34TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		51.13 /	2	51.13	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	23.05		

SCALE WEIGHT	GROSS & TARE		Fuel Surcharge	
Gross 87,360 LB *		**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**		
Tare 41,260 LB/P.T.*	☒ Scale 1 ☐ Scale 2	**LIABILITY WAIVER** Cadman, (inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	Sales Tax	
Net 46,100 LB *	X Cate Deputy Weighmaster		**Total**	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Adam	Print Name (Customer) X	Driver's Signature X	Standby Time	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X	This Tickets Grand Total	

1124074890
23.05

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 34

Driver Signature: Adam

Scale Attendant Signature: CH Date/Time In: 10.30.20 10:45

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074890 10:45:55 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump BDS34TT
Everett, WA 98213

51.13 / 2 51.13

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 23.05

87,360 LB *
41,260 LB/P.T.* **x**
46,100 LB * Cate

1124074890 10:45:55 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump BDS34TT
Everett, WA 98213

51.13 / 2 51.13

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 23.05

87,360 LB *
41,260 LB/P.T.* **x**
46,100 LB * Cate

CADMAN
HEIDELBERGCEMENTGroup
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074893	TICKET TIME	11:01:25	DATE	10/30/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Super Solo	NEW5TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		79.31 /	3		79.31

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.18		

SCALE WEIGHT	GROSS & TARE		
Gross 98,400 LB m	☒ Scale 1 ☐ Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 42,040 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 56,360 LB m	Deputy Weighmaster	Cadman, (inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	X Paul	X	X	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials	This Tickets Grand Total
								X	

1124074893
2818

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 5

Driver Signature: Paul

Scale Attendant Signature: CH Date/Time In: 10.30.20 11:01

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074893 11:01:25 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW5TT
Everett, WA 98213

79.31 / 3 79.31

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.18

98,400 LB m
42,040 LB/P.T.* **x**
56,360 LB m Cate

1124074893 11:01:25 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW5TT
Everett, WA 98213

79.31 / 3 79.31

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.18

98,400 LB m
42,040 LB/P.T.* **x**
56,360 LB m Cate

CADMAN
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(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074895	TICKET TIME	11:22:36	DATE	10/30/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Truck & Trailer	NEW02TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		100.64 /	4	100.64

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	21.33		

SCALE WEIGHT	GROSS & TARE
Gross 84,580 LB *	[X] Scale 1 [ ] Scale 2
Tare 41,920 LB/P.T.*	X Cate
Net 42,660 LB *	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. [ ]	Received by Signature	Print Name (Customer)	Driver's Signature
	X Tyson	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

1124074895
21.33

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 02

Driver Signature: Tyson

Scale Attendant Signature: CH Date/Time In: 10.30.20 11:22

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074895 11:22:36 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW02TT
Everett, WA 98213

100.64 / 4 100.64

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 21.33

84,580 LB *
41,920 LB/P.T.* **x**
42,660 LB * Cate

1124074895 11:22:36 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW02TT
Everett, WA 98213

100.64 / 4 100.64

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 21.33

84,580 LB *
41,920 LB/P.T.* **x**
42,660 LB * Cate

CADMAN
HEIDELBERGCEMENTGroup
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074897	TICKET TIME	11:34:07	DATE	10/30/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Truck & Trailer	NEW08TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		124.37 /	5	124.37	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	23.73		

SCALE WEIGHT		GROSS & TARE
Gross	88,740 LB m	
Tare	41,280 LB/P.T.*	☒ Scale 1 ☐ Scale 2
Net	47,460 LB m	X Cate Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature
	X Rob	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

1124014897
23.73

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 08

Driver Signature: Rob

Scale Attendant Signature: CH Date/Time In: 10.30.20 11:34

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074897 11:34:07 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW08TT
Everett, WA 98213

124.37 / 5 124.37

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 23.73

88,740 LB m
41,280 LB/P.T.* **x**
47,460 LB m Cate

1124074897 11:34:07 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW08TT
Everett, WA 98213

124.37 / 5 124.37

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 23.73

88,740 LB m
41,280 LB/P.T.* **x**
47,460 LB m Cate

CADMAN
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(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074899	TICKET TIME	11:40:34	DATE	10/30/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Super Solo	NEW6TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		152.73 /	6	152.73

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.36		

SCALE WEIGHT	GROSS & TARE
Gross 100,000 LB *	☒ Scale 1 ☐ Scale 2
Tare 43,280 LB/P.T.*	X Cate
Net 56,720 LB *	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Brent	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials X	**This Tickets Grand Total**

1124074899
28.36

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 6

Driver Signature: Brent

Scale Attendant Signature: CH Date/Time In: 10.30.20 11:40

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074899 11:40:34 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW6TT
Everett, WA 98213

152.73 / 6 152.73

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.36

100,000 LB *
43,280 LB/P.T.* **x**
56,720 LB * Cate

1124074899 11:40:34 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW6TT
Everett, WA 98213

152.73 / 6 152.73

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.36

100,000 LB *
43,280 LB/P.T.* **x**
56,720 LB * Cate

CADMAN
HEIDELBERGCEMENTGroup
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074900	TICKET TIME	11:43:27	DATE	10/30/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.		Map Ref.		Disp. Ord. #
			/		
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Solo	NEW10TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		181.70 /	7		181.70

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.97		

SCALE WEIGHT		GROSS & TARE	
Gross	101,760 LB m		
Tare	43,820 LB/P.T.*	☒ Scale 1 ☐ Scale 2	
Net	57,940 LB m	X Cate Deputy Weighmaster	

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge							
Sales Tax							
Total							
Standby Time							
This Tickets Grand Total							

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Jerry	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124074900
28.97

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 10

Driver Signature: Jerry

Scale Attendant Signature: CH Date/Time In: 10.30.20 11:43

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074900 11:43:27 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Solo NEW10TT
Everett, WA 98213

181.70 / 7 181.70

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.97

101,760 LB m
43,820 LB/P.T.* **x**
57,940 LB m Cate

1124074900 11:43:27 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Solo NEW10TT
Everett, WA 98213

181.70 / 7 181.70

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.97

101,760 LB m
43,820 LB/P.T.* **x**
57,940 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074903	TICKET TIME	12:21:03	DATE	10/30/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.		Map Ref.		Disp. Ord. #
			/		
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Side Dump	NEW11TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		209.97 /	8		209.97

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.27		

SCALE WEIGHT	GROSS & TARE
Gross 98,460 LB *	☒ Scale 1 ☐ Scale 2
Tare 41,920 LB/P.T.*	X Cate
Net 56,540 LB *	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Glen	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124074903
28.27

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 11

Driver Signature: Glen

Scale Attendant Signature: CH Date/Time In: 10.30.20 12:21

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074903 12:21:03 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW11TT
Everett, WA 98213

209.97 / 8 209.97

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.27

98,460 LB *
41,920 LB/P.T.* **x**
56,540 LB * Cate

1124074903 12:21:03 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW11TT
Everett, WA 98213

209.97 / 8 209.97

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.27

98,460 LB *
41,920 LB/P.T.* **x**
56,540 LB * Cate

CADMAN
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(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074904	TICKET TIME	12:29:27	DATE	10/30/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Side Dump	BDS34TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		233.18 /	9	233.18	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN
HEIDELBERGCEMENTGroup®

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	23.21		

SCALE WEIGHT		GROSS & TARE
Gross	87,680 LB m	
Tare	41,260 LB/P.T.*	☒ Scale 1 ☐ Scale 2
Net	46,420 LB m	X Cate Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature
	X Adam	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

1124074904
23.21

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 34

Driver Signature: Adam

Scale Attendant Signature: CH Date/Time In: 10.30.20 12:29

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074904 12:29:27 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump BDS34TT
Everett, WA 98213

233.18 / 9 233.18

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 23.21

87,680 LB m
41,260 LB/P.T.* **x**
46,420 LB m Cate

1124074904 12:29:27 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump BDS34TT
Everett, WA 98213

233.18 / 9 233.18

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 23.21

87,680 LB m
41,260 LB/P.T.* **x**
46,420 LB m Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074905	TICKET TIME	12:39:26	DATE	10/30/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Super Solo	NEW04TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		261.58 /	10	261.58

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.40		

SCALE WEIGHT	GROSS & TARE
Gross 97,880 LB m	☒ Scale 1 ☐ Scale 2
Tare 41,080 LB/P.T.*	X Cate
Net 56,800 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Travis	Print Name (Customer) X	Driver's Signature X	Standby Time	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X	**This Tickets Grand Total**	

1124074905
28.40

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 04

Driver Signature: Travis

Scale Attendant Signature: CH Date/Time In: 10.30.20 12:39

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074905 12:39:26 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

261.58 / 10 261.58

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.40

97,880 LB m
41,080 LB/P.T.* **x**
56,800 LB m Cate

1124074905 12:39:26 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

261.58 / 10 261.58

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.40

97,880 LB m
41,080 LB/P.T.* **x**
56,800 LB m Cate

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WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074906	TICKET TIME	12:56:45	DATE	10/30/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Side Dump	NEW5TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		289.79 /	11	289.79

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENTGroup®

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.21		

SCALE WEIGHT

Gross 98,460 LB m
Tare 42,040 LB/P.T.*
Net 56,420 LB m

GROSS & TARE

☒ Scale 1 ☐ Scale 2

X Cate
Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Paul	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124074906
28.21

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 5

Driver Signature: Paul

Scale Attendant Signature: CH Date/Time In: 10.30.20 12:56

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074906 12:56:45 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW5TT
Everett, WA 98213

289.79 / 11 289.79

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.21

98,460 LB m
42,040 LB/P.T.* **x**
56,420 LB m Cate

1124074906 12:56:45 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW5TT
Everett, WA 98213

289.79 / 11 289.79

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.21

98,460 LB m
42,040 LB/P.T.* **x**
56,420 LB m Cate

CADMAN
HEIDELBERGCEMENT Group
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074910	TICKET TIME	13:28:43	DATE	10/30/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Super Solo	NEW6TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		319.06 /	12	319.06

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	29.27		

SCALE WEIGHT	GROSS & TARE
Gross 101,820 LB m	☒ Scale 1 ☐ Scale 2
Tare 43,280 LB/P.T.*	X Cate
Net 58,540 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature
	X Brent	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

1124074910
29.27

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 60

Driver Signature: Brent

Scale Attendant Signature: CH Date/Time In: 10.30.20 1:28

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124074910 13:28:43 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW6TT
Everett, WA 98213

319.06 / 12 319.06

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.27

101,820 LB m
43,280 LB/P.T.* **x**
58,540 LB m Cate

1124074910 13:28:43 10/30/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW6TT
Everett, WA 98213

319.06 / 12 319.06

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.27

101,820 LB m
43,280 LB/P.T.* **x**
58,540 LB m Cate

11240744942
26726

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 09

Driver Signature: Dave

Scale Attendant Signature: CH Date/Time In: 11-2-20 9:58

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
HEIDELBERGCEMENT Group
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074942	TICKET TIME	08:58:25	DATE	11/2/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.		Map Ref. /		Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Truck & Trailer	NEW09TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		76.37 /	3		76.37

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	26.26		

SCALE WEIGHT	GROSS & TARE		
Gross 95,760 LB *	☒ Scale 1 ☐ Scale 2	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare 43,240 LB/P.T.*		LIABILITY WAIVER	Sales Tax
Net 52,520 LB *	X Cate Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature X	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X	**This Tickets Grand Total**	

1124074942 08:58:25 11/2/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Truck & Trailer NEW09TT

76.37 / 3 76.37

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 26.26

95,760 LB *
43,240 LB/P.T.* **x**
52,520 LB * Cate

1124074942 08:58:25 11/2/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Truck & Trailer NEW09TT

76.37 / 3 76.37

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 26.26

95,760 LB *
43,240 LB/P.T.* **x**
52,520 LB * Cate

11240749939
28.38

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 04

Driver Signature: Travis

Scale Attendant Signature: CH Date/Time In: 11.2.20 8:33

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
HEIDELBERGCEMENTGroup
(888) 322-6847 425-961-7100

TICKET NO.	1124074939	TICKET TIME	08:33:17	DATE	11/2/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Super Solo	NEW04TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		50.11 /	2	50.11

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.38		

SCALE WEIGHT	GROSS & TARE
Gross 97,840 LB m	☒ Scale 1 ☐ Scale 2
Tare 41,080 LB/P.T.*	X Cate
Net 56,760 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature
	X Travis	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

1124074939 08:33:17 11/2/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

50.11 / 2 50.11

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.38

97,840 LB m
41,080 LB/P.T.* **x**
56,760 LB m Cate

1124074939 08:33:17 11/2/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

50.11 / 2 50.11

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.38

97,840 LB m
41,080 LB/P.T.* **x**
56,760 LB m Cate

1124074934
21-73

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 34

Driver Signature: Adam

Scale Attendant Signature: CH Date/Time In: 11-2-20 8:22

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
HEIDELBERGCEMENT Group
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124074934	TICKET TIME	08:22:09	DATE	11/2/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref. /	Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Side Dump	BDS34TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		21.73 /	1	21.73	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN
HEIDELBERGCEMENT Group

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	21.73		

SCALE WEIGHT	GROSS & TARE		
Gross 84,720 LB m	☒ Scale 1 ☐ Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 41,260 LB/P.T.*		**LIABILITY WAIVER**	Sales Tax
Net 43,460 LB m	X Cate Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Adam	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X	This Tickets Grand Total	

1124074934 08:22:09 11/2/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump BDS34TT
Everett, WA 98213

21.73 / 1 21.73

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 21.73

84,720 LB m
41,260 LB/P.T.* **x**
43,460 LB m Cate

1124074934 08:22:09 11/2/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump BDS34TT
Everett, WA 98213

21.73 / 1 21.73

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 21.73

84,720 LB m
41,260 LB/P.T.* **x**
43,460 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124075032	TICKET TIME	09:56:23	DATE	11/3/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Side Dump	BDS34TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		102.09 /	4	102.09	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	22.32		

SCALE WEIGHT	GROSS & TARE		
Gross 85,900 LB m	☐ Scale 1 ☒ Scale 2	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare 41,260 LB/P.T.*		LIABILITY WAIVER	Sales Tax
Net 44,640 LB m	X Cate Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Adam	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X	**This Tickets Grand Total**	

11240750327.22.21

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 34

Driver Signature: Adam

Scale Attendant Signature: CH Date/Time In: 11.3.20 9:36

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124075032 09:56:23 11/3/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump BDS34TT
Everett, WA 98213

102.09 / 4 102.09

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 22.32

85,900 LB m
41,260 LB/P.T.* **x**
44,640 LB m Cate

1124075032 09:56:23 11/3/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump BDS34TT
Everett, WA 98213

102.09 / 4 102.09

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 22.32

85,900 LB m
41,260 LB/P.T.* **x**
44,640 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124075030	TICKET TIME	09:50:12	DATE	11/3/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Truck & Trailer	NEW03TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		79.77 /	3	79.77	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENTGroup

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	26.19		

SCALE WEIGHT	GROSS & TARE
Gross 94,260 LB *	☐ Scale 1 ☒ Scale 2
Tare 41,880 LB/P.T.*	X Cate
Net 52,380 LB *	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124079030
11.6.19

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 03

Driver Signature: _____

Scale Attendant Signature: CH Date/Time In: 11.3.20 9:50

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124075030 09:50:12 11/3/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW03TT
Everett, WA 98213

79.77 / 3 79.77

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 26.19

94,260 LB *
41,880 LB/P.T.* **x**
52,380 LB * Cate

1124075030 09:50:12 11/3/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW03TT
Everett, WA 98213

79.77 / 3 79.77

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 26.19

94,260 LB *
41,880 LB/P.T.* **x**
52,380 LB * Cate

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124075027	TICKET TIME	09:44:33	DATE	11/3/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Truck & Trailer	NEW09TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		53.58 /	2	53.58

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	25.97		

SCALE WEIGHT

Gross 95,180 LB m
Tare 43,240 LB/P.T.*
Net 51,940 LB m

GROSS & TARE

☐ Scale 1 ☒ Scale 2

X Cate
Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Dave	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124076027
26.97

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 109

Driver Signature: Dave

Scale Attendant Signature: CH Date/Time In: 11.3.20 9:44

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124075027 09:44:33 11/3/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW09TT
Everett, WA 98213

53.58 / 2 53.58

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 25.97

95,180 LB m
43,240 LB/P.T.* **x**
51,940 LB m Cate

1124075027 09:44:33 11/3/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW09TT
Everett, WA 98213

53.58 / 2 53.58

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 25.97

95,180 LB m
43,240 LB/P.T.* **x**
51,940 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124075022	TICKET TIME	09:19:26	DATE	11/3/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Side Dump	NEW11TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		27.61 /	1	27.61	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENTGroup

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	27.61		

SCALE WEIGHT	GROSS & TARE		
Gross 97,140 LB m	☐ Scale 1 ☒ Scale 2	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare 41,920 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 55,220 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature X	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials X	This Tickets Grand Total

11240150022
27161

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 11

Driver Signature: Pat

Scale Attendant Signature: CH Date/Time In: 11.3.20 9:19

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124075022 09:19:26 11/3/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW11TT
Everett, WA 98213

27.61 / 1 27.61

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 27.61

97,140 LB m
41,920 LB/P.T.* **x**
55,220 LB m Cate

1124075022 09:19:26 11/3/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW11TT
Everett, WA 98213

27.61 / 1 27.61

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 27.61

97,140 LB m
41,920 LB/P.T.* **x**
55,220 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup
(888) 322-6847 425-961-7100

WEIGHTMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124075054	TICKET TIME	08:13:37	DATE	11/4/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Side Dump	RIV12TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		24.58 /	1	24.58

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	24.58		

SCALE WEIGHT	GROSS & TARE
Gross 90,980 LB m	☒ Scale 1 ☐ Scale 2
Tare 41,820 LB/P.T.*	X Cate
Net 49,160 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature
	X Andy	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

1124075054
24.98

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 12

Driver Signature: Andy

Scale Attendant Signature: CH Date/Time In: 11.4.20 8:13

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124075054 08:13:37 11/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump RIV12TT
Everett, WA 98213

24.58 / 1 24.58

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 24.58

90,980 LB m
41,820 LB/P.T.* **x**
49,160 LB m Cate

1124075054 08:13:37 11/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump RIV12TT
Everett, WA 98213

24.58 / 1 24.58

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 24.58

90,980 LB m
41,820 LB/P.T.* **x**
49,160 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124075056	TICKET TIME	08:26:59	DATE	11/4/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.		Map Ref.		Disp. Ord. #
			/		
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Super Solo	NEW04TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		53.43 /	2		53.43

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENTGroup

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.85		

SCALE WEIGHT	GROSS & TARE		
Gross 98,780 LB m	☒ Scale 1 ☐ Scale 2	A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.	Fuel Surcharge
Tare 41,080 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 57,700 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	x Travis	X	X	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials	This Tickets Grand Total
								X	

1124075036
28.85

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	*2*	***GLENWOOD LANDFILL***

Truck #: 4

Driver Signature: Travis

Scale Attendant Signature: CH Date/Time In: 11.4.20 8:26

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124075056 08:26:59 11/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

53.43 / 2 53.43

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.85

98,780 LB m
41,080 LB/P.T.* **x**
57,700 LB m Cate

1124075056 08:26:59 11/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

53.43 / 2 53.43

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.85

98,780 LB m
41,080 LB/P.T.* **x**
57,700 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHTMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124075060	TICKET TIME	08:47:09	DATE	11/4/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Side Dump	NEW5TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		81.95 /	3	81.95

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.52		

SCALE WEIGHT	GROSS & TARE
Gross 99,080 LB m	☒ Scale 1 ☐ Scale 2
Tare 42,040 LB/P.T.*	X Cate
Net 57,040 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Paul	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124050060
28.52

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	*2*	***GLENWOOD LANDFILL***

Truck #: 5

Driver Signature: Paul

Scale Attendant Signature: CH Date/Time In: 11.4.20 8:47

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124075060 08:47:09 11/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW5TT
Everett, WA 98213

81.95 / 3 81.95

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.52

99,080 LB m
42,040 LB/P.T.* **x**
57,040 LB m Cate

1124075060 08:47:09 11/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW5TT
Everett, WA 98213

81.95 / 3 81.95

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.52

99,080 LB m
42,040 LB/P.T.* **x**
57,040 LB m Cate

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HEIDELBERGCEMENT Group
(888) 322-6847 425-961-7100

WEIGHTMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124075077	TICKET TIME	10:31:27	DATE	11/4/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.		Map Ref.		Disp. Ord. #
			/		
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Super Solo	NEW04TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		166.09 /	6		166.09

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENT Group

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	31.88		

SCALE WEIGHT	GROSS & TARE		
Gross 104,840 LB m	☒ Scale 1 ☐ Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 41,080 LB/P.T.*			Sales Tax
Net 63,760 LB m	X Cate Deputy Weighmaster	**LIABILITY WAIVER** Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature	Standby Time
	X Travis	X	X	

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials		This Tickets Grand Total	
								X			

1124015077
31.88

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 04

Driver Signature: Travis

Scale Attendant Signature: CH Date/Time In: 11-4-20 10:31

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124075077 10:31:27 11/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

166.09 / 6 166.09

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 31.88

104,840 LB m
41,080 LB/P.T.* **x**
63,760 LB m Cate

1124075077 10:31:27 11/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Super Solo NEW04TT
Everett, WA 98213

166.09 / 6 166.09

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 31.88

104,840 LB m
41,080 LB/P.T.* **x**
63,760 LB m Cate

CADMAN
HEIDELBERGCEMENT Group
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124075075	TICKET TIME	10:16:32	DATE	11/4/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.		Map Ref. /		Disp. Ord. #
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Side Dump	RIV12TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		134.21 /	5		134.21

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	29.15		

SCALE WEIGHT	GROSS & TARE
Gross 100,120 LB m	☒ Scale 1 ☐ Scale 2
Tare 41,820 LB/P.T.*	X Cate
Net 58,300 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Andy	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124070075
2915

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 12

Driver Signature: Andy

Scale Attendant Signature: CH Date/Time In: 11.4.20 10:16

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124075075 10:16:32 11/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump RIV12TT
Everett, WA 98213

134.21 / 5 134.21

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.15

100,120 LB m
41,820 LB/P.T.* **x**
58,300 LB m Cate

1124075075 10:16:32 11/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump RIV12TT
Everett, WA 98213

134.21 / 5 134.21

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.15

100,120 LB m
41,820 LB/P.T.* **x**
58,300 LB m Cate

CADMAN
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WEIGHTMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124075064	TICKET TIME	09:02:47	DATE	11/4/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.		Map Ref.		Disp. Ord. #
			/		
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Truck & Trailer	NEW08TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		105.06 /	4		105.06

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN HEIDELBERGCEMENTGroup®

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	23.11		

SCALE WEIGHT	GROSS & TARE		
Gross 87,500 LB m	☒ Scale 1 ☐ Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 41,280 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 46,220 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature X	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job	Start Unloading	Finish Unloading	Standby Time	Customer's Initials X	This Tickets Grand Total

1124075064
23.11

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	*2*	***GLENWOOD LANDFILL***

Truck #: 108

Driver Signature: Rob

Scale Attendant Signature: CH Date/Time In: 11.4.20 9:02

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124075064 09:02:47 11/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW08TT
Everett, WA 98213

105.06 / 4 105.06

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 23.11

87,500 LB m
41,280 LB/P.T.* **x**
46,220 LB m Cate

1124075064 09:02:47 11/4/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Truck & Trailer NEW08TT
Everett, WA 98213

105.06 / 4 105.06

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 23.11

87,500 LB m
41,280 LB/P.T.* **x**
46,220 LB m Cate

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(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124075143	TICKET TIME	10:37:29	DATE	11/5/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Side Dump	RIV12TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		27.73 /	1	27.73	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN
ADVANCED MIX

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	27.73		

SCALE WEIGHT	GROSS & TARE		
Gross 97,280 LB m	[X] Scale 1 [ ] Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 41,820 LB/P.T.*	X Cate	**LIABILITY WAIVER**	Sales Tax
Net 55,460 LB m	Deputy Weighmaster	Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. [ ]	Received by Signature X Andy	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X	This Tickets Grand Total	

1124076143
2173

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 12

Driver Signature: Andy

Scale Attendant Signature: CH Date/Time In: 11.5.20 10:37

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124075143 10:37:29 11/5/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump RIV12TT
Everett, WA 98213

27.73 / 1 27.73

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 27.73

97,280 LB m
41,820 LB/P.T.* **x**
55,460 LB m Cate

1124075143 10:37:29 11/5/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump RIV12TT
Everett, WA 98213

27.73 / 1 27.73

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 27.73

97,280 LB m
41,820 LB/P.T.* **x**
55,460 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124075168	TICKET TIME	13:01:02	DATE	11/5/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.		Map Ref.		Disp. Ord. #
			/		
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.		Zone
Side Dump	RIV12TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.		Running Total
		54.18 /	2		54.18

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	26.45		

SCALE WEIGHT	GROSS & TARE		
Gross 94,720 LB m	☒ Scale 1 ☐ Scale 2	**A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.**	Fuel Surcharge
Tare 41,820 LB/P.T.*			Sales Tax
Net 52,900 LB m	X Cate Deputy Weighmaster	**LIABILITY WAIVER** Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.	**Total**

No one available to sign, customer waives receipt signature. ☐	Received by Signature X Andy	Print Name (Customer) X	Driver's Signature X	Standby Time

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X	This Tickets Grand Total	

1124075168
2645

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 12

Driver Signature: Andy

Scale Attendant Signature: CH Date/Time In: 11.5.20 1:01

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

1124075168 13:01:02 11/5/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump RIV12TT
Everett, WA 98213

54.18 / 2 54.18

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 26.45

94,720 LB m
41,820 LB/P.T.* **x**
52,900 LB m Cate

1124075168 13:01:02 11/5/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump RIV12TT
Everett, WA 98213

54.18 / 2 54.18

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 26.45

94,720 LB m
41,820 LB/P.T.* **x**
52,900 LB m Cate

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124075387	TICKET TIME	11:20:14	DATE	11/11/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Side Dump	NEW11TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
		87.57 /	3	87.57

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.86		

SCALE WEIGHT		GROSS & TARE
Gross	99,640 LB m	
Tare	41,920 LB/P.T.*	☒ Scale 1 ☐ Scale 2
Net	57,720 LB m	X Cate Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. ☐	Received by Signature	Print Name (Customer)	Driver's Signature
	X	X	X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials
								X

1124075387 11:20:14 11/11/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW11TT
Everett, WA 98213

87.57 / 3 87.57

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.86

99,640 LB m
41,920 LB/P.T.* **x**
57,720 LB m Cate

1124075387 11:20:14 11/11/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW11TT
Everett, WA 98213

87.57 / 3 87.57

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.86

99,640 LB m
41,920 LB/P.T.* **x**
57,720 LB m Cate

11240753713
28.91

CADMAN
HEIDELBERGCEMENT Group

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 23

Driver Signature: Robert

Scale Attendant Signature: CH Date/Time In: 11.11.20 8:52

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
HEIDELBERGCEMENTGroup®
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124075373	TICKET TIME	08:52:17	DATE	11/11/2020

Customer No.	Payment Type	Customer Name	Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION	66081

Customer Job. No.	Customer P.O.	Map Ref.	Disp. Ord. #
		/	

Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone
Side Dump	RIV23TT			

Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total
7886596		58.71 /	2	58.71

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	28.97		

SCALE WEIGHT	GROSS & TARE
Gross 100,980 LB m	[X] Scale 1 [ ] Scale 2
Tare 43,040 LB/P.T.*	X Cate
Net 57,940 LB m	Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. [ ]	Received by Signature X Robert	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124075373 08:52:17 11/11/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump RIV23TT

7886596 58.71 / 2 58.71

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.97

100,980 LB m
43,040 LB/P.T.* **x**
57,940 LB m Cate

1124075373 08:52:17 11/11/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

/

Side Dump RIV23TT

7886596 58.71 / 2 58.71

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 28.97

100,980 LB m
43,040 LB/P.T.* **x**
57,940 LB m Cate

CADMAN
HEIDELBERGCEMENT Group

1124079310
79.74

Petroleum Contaminated Soil
Transport and Receiving Manifest
CUSTOMER: ***Mt. Baker Housing*** - **9924656**
Job Name - Maddux

****CLASS 2 ONLY.****

Generator/Property Owner	Transporter
Name: ***Mt. Baker Housing Association***	Name: ***Rivers edge - Various***
Address: ***2864 S. McClellen St.***	Address:
City: ***Seattle*** ST: ***WA*** ZIP:	City: ST ZIP:
Telephone:	Telephone:
Contact:	Contact:

Job Site Information	Receiving Facility
Address ***2800 MLK Jr. Way S***	**CADMAN GLENWOOD LANDFILL**
City: ***Seattle*** ST: ***WA*** ZIP:	**6300 GLENWOOD AVE Everett WA. 98203**
Telephone: ***206-423-8289***	Phone: **425.356.6619**
Onsite Contact: ***Jessica Smith***	Contact: **Larry W. Baker**

Material Description	Class	Off-load Location
PETROLEUM CONT. SOIL	***2***	***GLENWOOD LANDFILL***

Truck #: 5

Driver Signature: Paul

Scale Attendant Signature: CH Date/Time In: 11-11-20 8:16

Owner/ Authorized Agent

This is to certify that the accompanying material is the same as represented by the previously submitted analytical and is solely from the site listed on the CADMAN Contaminated Soil Site Information Sheet.

Authorized Signature _____ Date _____

***** incoming load must be accompanied by a completed manifest *****

CADMAN
HEIDELBERGCEMENTGroup
(888) 322-6847 425-961-7100

WEIGHMASTER STATION
98781100
Everett S&G
6300 Glenwood Avenue
Everett, WA 98213

TICKET NO.	1124075370	TICKET TIME	08:16:02	DATE	11/11/2020
Customer No.	Payment Type	Customer Name			Order No.
9924656	Account	MOUNT BAKER HOUSING ASSOCIATION			66081
Customer Job. No.	Customer P.O.			Map Ref.	Disp. Ord. #
				/	
Truck Type	Truck No.	Vehicle or License Plate No.	Trailer or License Plate No.	Zone	
Side Dump	NEW5TT				
Hauler/Carrier No.	Driver's Name	Delivered/Ordered	Load No.	Running Total	
		29.74 /	1	29.74	

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

CADMAN

Product	Description	Total	Unit Price	Amount
99004	CLASS 2 SOILS (TN)	29.74		

SCALE WEIGHT		GROSS & TARE
Gross	101,520 LB m	
Tare	42,040 LB/P.T.*	[X] Scale 1 [ ] Scale 2
Net	59,480 LB m	X Cate — Deputy Weighmaster

A STANDBY SURCHARGE WILL BE ASSESSED FOR LOADS THAT EXCEED 10 MINUTES UNLOADING TIME.

LIABILITY WAIVER

Cadman, (Inc.) will not assume Liability for any property damage or any equipment damage for any delivery beyond the curb line.

Fuel Surcharge	
Sales Tax	
Total	
Standby Time	
This Tickets Grand Total	

No one available to sign, customer waives receipt signature. [ ]	Received by Signature X	Print Name (Customer) X	Driver's Signature X

Arrive Job		Start Unloading		Finish Unloading		Standby Time		Customer's Initials X

1124075370 08:16:02 11/11/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW5TT
Everett, WA 98213

29.74 / 1 29.74

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.74

101,520 LB m
42,040 LB/P.T.* **x**
59,480 LB m Cate

1124075370 08:16:02 11/11/2020

9924656 Account MOUNT BAKER HOUSING ASSOCIATION 66081

98781100 /
Everett S&G
6300 Glenwood Avenue Side Dump NEW5TT
Everett, WA 98213

29.74 / 1 29.74

EV/P - MADDUX
2800 MLK JR WAY S
SEATTLE

99004 CLASS 2 SOILS (TN) 29.74

101,520 LB m
42,040 LB/P.T.* **x**
59,480 LB m Cate

APPENDIX J

Vibration Monitoring Report

SubTerra Inc.®

Civil & Mining Engineering
Tunnel Engineering & Construction Management
Rapid Excavation/Support Systems
Active/Abandoned Mine Subsidence
Geotechnical Instrumentation
Structural Monitoring
Blast Optimization / Vibration Monitoring
Mine & Quarry Permitting
Material Science / Laboratory Testing

Monday, August 29, 2022

Ms. Kendra Pivaroff-Ward, LG
Project Geologist
Aspect Consulting LLC
710 2nd Ave, Suite 550,
Seattle, WA 98104

Re: Vibration Monitoring of Construction Generated Vibrations – Maddux Injection Site, Seattle, WA, August 28, 2022

This letter report contains the results of our Manual Vibration Monitoring work at the above noted site along with the derivation of Attenuation plots which graph Peak Particle Velocity (in/sec) against distance from the location of the drilling and injection equipment operation (ft). These Attenuation Plots can be used to determine vibration levels at any of the structures or other points of interest adjacent to the site.

1. Vibration Monitoring

Manual vibration monitoring was carried out to collect attenuation (PPV vs Distance) during operation of the Hole Drilling and Injection Equipment at the site. Manual monitoring was performed by a Technician using four Instantel Minimate seismographs. Details of the equipment used are provided in Attachment A.

Details of the field work are provided in the Field report for August 28 which is provided in Attachment B.

2. Site Vibration Attenuation Characteristics

Attenuation plots were prepared using the data contained in the August 28 Field Report for four monitors set up at 3-ft, 5-ft, 10-ft and 20-ft from each Injection Hole as shown in the Field Report. The hole was drilled and the injection completed in four stages starting at the bottom of each Injection Hole and vibration data were continuously collected during that operation.

2.1. Injection Hole drilling

Figure 1 contains the attenuation plots for Injection Hole Drilling. Summary data for the test were as follows:

1. PPV - 0.165 in/sec at 3-ft
2. PPV - 0.145 in/sec at 5-ft
3. PPV - 0.075 in/sec at 10-ft
4. PPV - 0.045 in/sec at 20-ft

Figure 1 can be used to determine values of peak particle velocity at different distances from the drilling operation:

- PPV at 3-ft – 0.165 in/sec
- PPV at 10-ft – 0.075 in/sec.

2.2. S-Micro ZVI chemical Injection

Figure 2 contains the attenuation plot for the staged, S -Micro ZVI chemical Injection. Summary data for the tests were as follows:

1. North Test - 0.105 in/sec at 3-ft
2. North Test - 0.105 in/sec at 5-ft
3. North Test - 0.080 in/sec at 10-ft
4. North Test - 0.065 in/sec at 20-ft

Figure 2 can be used to determine values of peak particle velocity at different distances from the S -Micro ZVI chemical injection site:

- PPV at 3-ft - 0.165 in/sec
- PPV at 10-ft - 0.080 in/sec.

3. Conclusions

The maximum vibration levels within 3-ft of each Injection Point are predicted to be between 0.04 in/sec and 0.17 in/sec. Vibration levels are therefore significantly below the threshold set by SPU for damage to their cast iron water mains and, in our opinion, no further monitoring of vibrations for this operation should be required.

4. Closure

This report has been prepared to present the results of Manual Vibration Monitoring fieldwork and the development of associated Attenuation Plots representing vibration levels for Injection Hole Drilling and staged, S -Micro ZVI chemical Injection in each Injection Hole at the Maddux site in Seattle, WA.

The work was performed in accordance with SubTerra, Inc.'s General Terms and Conditions in a manner consistent with the level of care and skill ordinarily exercised by

Figure 1: Vibration Levels for Injection Hole Drilling at the Maddux Site

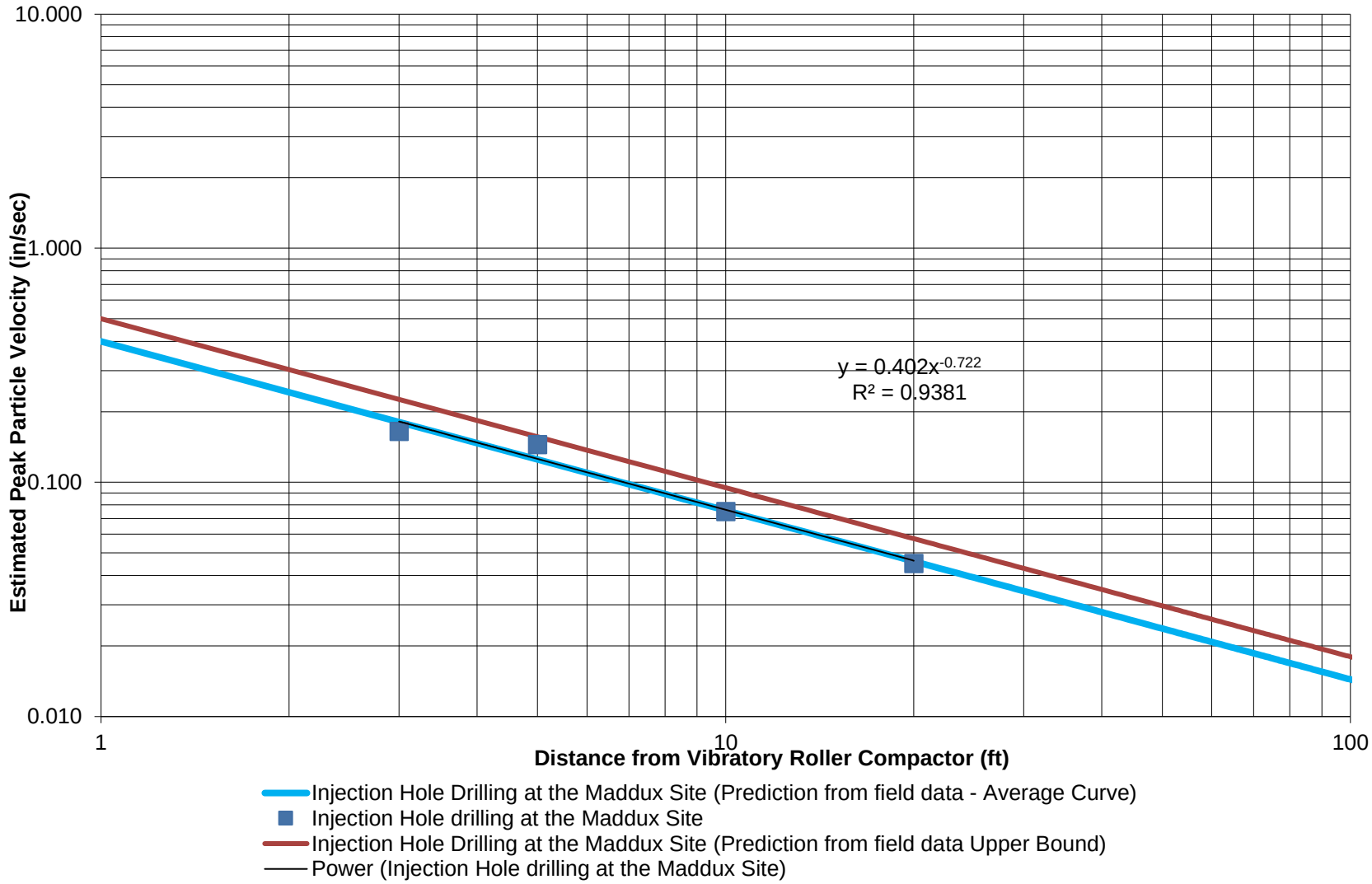
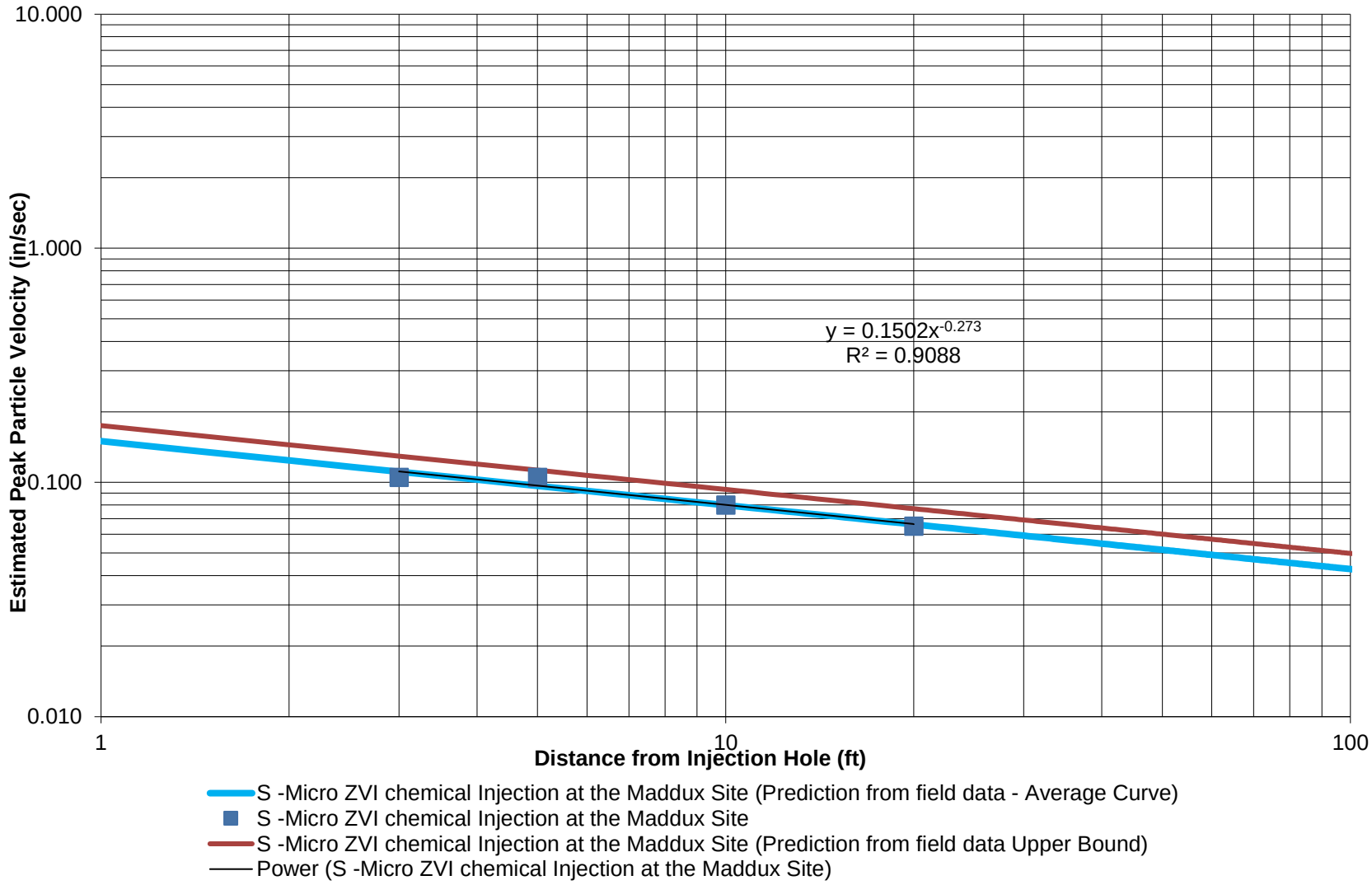


Figure 2: Vibration Levels for the S-Micro ZVI Chemical Injection at the Maddux Site



other professionals in similar circumstances at the time the Services were performed. No other warranties exist or apply.

If you have any questions please don't hesitate to call us at 425-888-5425 or 425-471-0879.

Best Regards,

Chris D. Breeds, PE
President, SubTerra, Inc.

USPS
P.O.Box 520
North Bend, WA 98045
Telephone: 425-888-5425
Fax: 425-888-2725
Cell: 425-471-0879

Overnight
218 East North Bend Way
North Bend, WA 98045

ATTACHMENT A

INSTANTEL MINIMATE SEISMOGRAPHS

SUBTSCOUT

SUBTSCOUT Portable Vibration Monitoring Unit

DESCRIPTION

The ***SUBTSCOUT*** Portable Vibration Monitoring Unit is designed for use by SubTerra technicians when monitoring construction vibrations. It utilizes an Instantel Minimate Plus seismograph with a triaxial geophone. The system also includes a 12-volt battery, and dual strobe light alarm with controller. Two alarm levels are typically set at the specified reporting threshold (amber light) and stop-work vibration limit (red light). The technician will report any occurrence of a threshold exceedance in his detailed daily field report.

APPLICATIONS

Pile Driving, Impact Hammers, Pavement Breaking, Mechanical Excavation, Vibratory Compaction, Stone Column Installation, Rammed Aggregate Piers, Pipe Bursting, Rock Drilling, Shaft Drilling, Concrete Sawing, etc.

INSTALLATION

Geophone sensors can be spiked and sandbagged on top of firm ground, spiked and buried in loose soils, sandbagged on paved surfaces, or bolted to paved surfaces or to structures being monitored. The unit is desinged to be relocated as often as necessary to keep pace with construction activities.

CALIBRATION

Seismographs are calibrated annually per industry standards. Calibration certificates will be provided with the data transmittal.

DIMENSIONS

The ***SUBTSCOUT*** is a high-visibility impact resistant case measuring 12 x 11 x 9 inches and weighs 17 lbs complete.

PO Box 520; 218 E. North Bend Way, North Bend, WA 98045
Phone: (425) 888-5425 info@subterra.us Fax: (425) 888-2725

Minimate® Plus

Advanced Vibration and Overpressure Monitor

Range of Applications:

- Blast-monitoring for compliance
- Near-field blast analysis
- Pile driving
- Construction activity
- Demolition activity
- Heavy Transportation
- Bridge monitoring
- Structural analysis
- Underwater blast monitoring
- 4 or 8 channel data acquisition
- Remote monitoring - Auto Call Home™
- Structural monitoring - Flex™

When we asked what you wanted in a vibration monitor, you said "Everything." So, we designed the **Instantel® Minimate® Plus** vibration and overpressure monitor. Ever since, it has become a favourite of contractors, consultants, engineers and blasters, because it offers unrivalled features and versatility in a rugged and easy-to-use package.

Versatile

Use the **Minimate Plus** monitor with an **Instantel Standard Triaxial Geophone** (ISEE or DIN version) and an overpressure microphone (Linear or A Weight) to provide a rugged, reliable compliance monitoring system. Add the **Instantel 8-Channel** option and a single monitor may be used with two triaxial geophones and two microphones.

For more demanding monitoring applications, the **Instantel Blastware® Advanced Module** software provides the capability to monitor a broad selection of vibration and overpressure sensors, as well as sensors for structural and environmental measurements. Monitor vibration, ambient environmental conditions, and the movement of structural cracks, all at the same time, all using the same **Minimate Plus** monitor.

Intelligent

For remote installations, the **Instantel Auto Call Home™** feature will automatically transfer event files from field to office as they are recorded using a variety of wired or wireless modems. From there, the **Blastware Mail** feature of the **Blastware** software automatically distributes files or summary information to multiple e-mail or text messaging addresses.

Easy to use

Even with all of these features, the **Minimate Plus** system is still easy for anyone to use. A high-contrast LCD, eight-key tactile keypad, coupled with simple menu-driven operations, provides complete control and confidence.

Minimate Plus - everything you need and more.

Key Features

- **Instantel Histogram Combo™** mode allows capture of full waveform records while recording in histogram mode.
- **Auto Call Home** feature automates remote monitoring applications.
- Sample rates from 1,024 to 16,000 S/s, per channel with up to 65,000 S/s available on a single channel.
- Available **Instantel 8-channel** option allows for two standard geophones and two microphones to be operated from one **Minimate Plus** monitor.
- Non-volatile memory with standard 300-event storage capacity (optional 1,500-event capacity).
- Records waveform events up to 100 seconds long with standard setup, or up to 500 seconds with advanced setup.
- Continuous monitoring means zero dead time, even while the unit is processing.
- Any channel can be matched to a wide variety of sensors - geophones, accelerometers, or hydrophones.

714B0052 Rev 04 - Product Specificatons are Subject to Change

Instantel

Minimate® Plus

General Specifications	Minimate Plus
Channels	Microphone and Triaxial Geophone or 4 independent user-configurable channels (two Microphones and two Triaxial Geophones or 8 independent channels with optional 8-channel upgrade)
Vibration Monitoring (with Standard Triaxial Geophone)	
Range	Up to 254 mm/s (10 in/s)
Resolution	0.127 mm/s (0.005 in/s) or 0.0159 mm/s (0.000625 in/s) with built-in preamp
Accuracy (ISEE / DIN)	+/- 5% or 0.5 mm/s (0.02 in/s), whichever is larger, between 4 and 125 Hz / DIN 45669-1 standard
Transducer Density	2.13 g/cc (133 lbs/ft^3)
Frequency Range (ISEE / DIN)	2 to 250 Hz, within zero to -3 dB of an ideal flat response / 1 to 315 Hz
Maximum Cable Length (ISEE / DIN)	75 m (250 ft) / 1,000 m (3,280 ft)
Air Overpressure Monitoring	
Weighting Scales	Linear or A-weight
Linear Range	88 to 148 dB (500 Pa (0.072 PSI) Peak)
Linear Resolution	0.25 Pa (0.0000363 PSI)
Linear Accuracy	+/- 10% or +/- 1 dB, whichever is larger, between 4 and 125 Hz
Linear Frequency Response	2 to 250 Hz between -3 dB roll off points
A-weight Range	50 to 110 dBA
A-weight Resolution	0.1 dBA

Waveform Recording

Record Modes	Manual, Single-shot, Continuous
Seismic Trigger	0.125 to 254 mm/s (0.005 to 10 in/s)
Acoustic Triggers	
Linear	100 to 148 dB
A-weight	55 to 110 dBA
Sample Rate	1,024 to 16,000 S/s per channel (independent of record time), up to 65,000 S/s in single-channel mode with advanced software (max 8,000 S/s per channel for 8 channels)
Record Stop Mode	Fixed record time, **Instantel® AutoRecord™** record stop mode
Record Time	1 to 100 seconds (programmable in one-second steps) or 500 seconds plus 0.25 seconds pre-trigger
AutoRecord Time	Auto window programmable from 1 to 9 seconds, plus a 0.25 second pre-trigger. Event is recorded until activity remains below trigger level for duration of auto window, or until available memory is filled.
Cycle Time	Recording uninterrupted by event processing - no dead time
Storage Capacity	
Full Waveform Events	300 one-second events at 1,024 S/s sample rate (1,500 event capacity with optional memory upgrade)
Event Summaries	1,750 (8,750 event capacity with optional memory upgrade)

Histogram Recording

Record Modes	Histogram and **Instantel Histogram Combo™** (monitor captures triggered waveforms while recording in Histogram mode)
Recording Interval	2, 5 or 15 seconds; 1, 5 or 15 minutes
Storage Capacity	46,656 intervals - 3 days at 5-second intervals or 102 days at 15-minute intervals (with memory upgrade - 15 days at 5-second intervals or 540 days at 15-minute intervals)

Physical Specifications

Dimensions	81 x 91 x 160 mm (3.2 x 3.6 x 6.3 in)
Weight	1.4 kg (3 lbs)
Battery	Rechargeable 6 V sealed gel cell - capacity for 210 hours of continuous monitoring
User Interface	8-key keypad with domed tactile keys
Display	4-line x 20-character, high-contrast, backlit LCD with on-line help
PC Interface	RS-232
Auxillary Inputs and Outputs	External Trigger, Remote Alarm, coordinate download from GPS
Environmental	
LCD Operating Temperature	-10 to 50°C (14 to 122°F)
Electronics Operating Temperature	-20 to 60°C (-4 to 140°F)
Remote Communications	Compatible with Telephone, GSM, Cellular, RF, Satellite, Short-haul modems and Ethernet® device servers. Automatically transfers events when they occur through the **Instantel Auto Call Home™** feature.
Additional Features	Monitor start/stop timer

Corporate Office:
309 Legget Drive,
Ottawa, Ontario K2K 3A3
Canada

US Office:
808 Commerce Park Drive,
Ogdensburg, New York 13669
USA

Toll Free: (800) 267 9111
Telephone: (613) 592 4642
Facsimile: (613) 592 4296
Email: sales@instantel.com

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714B0052 Rev 04 - Product Specifications are Subject to Change

ATTACHMENT B

AUGUST 25 FIELD REPORT

SubTerra, Inc.

FIELD REPORT

Date	Project No.	Project Description
08-27-2022	2022-18	Aspect – Maddux Injection Grouting Attenuation Data

Travel from SubTerra Office to Project Site				
Departure Time		Departure Odometer	Arrival Time	
8:15	AM	43065	8:45	AM

Project Site Arrival	
Weather & Site Conditions	Overcast 60's
Location	Seattle, WA
Scope of Work	Injection Grouting Attenuation Data Study
Instrumentation	Instantel Minimate Plus Seismographs & Alarm Boxes

OBSERVATIONS

9:00am Began hauling equipment from the truck to the site.

9:30am Finished laying out the seismograph for attenuation study for IP-30.

9:32am Began monitoring from M1 through M4. M1=3' M2=5' M3=10' M4=20' from drill hole.

9:47am Began drilling the hole for IP-30.

Note: M3 and M4 are picking up 0.02 in/sec from the generator uphill from the attenuation layout.

9:47am The seismograph for M4 got kicked. Stopped monitoring and immediately restarted as they began drilling the hole for IP-30.

Injection Point #30 Attenuation

Drilled from 9:47am to 10:27am – Highest recorded value during drilling.

M1 = 0.165 in/sec @ 10:37:22 M2 = 0.145 in/sec @ 10:22:50

M3 = 0.075 in/sec @ 9:44:52 M4 = 0.045 in/sec @ 9:49:31

Grout Injection 9:55am to 10:36am – Highest recorded value during grouting.

M1 = 0.040 in/sec @ 10:34:52 M2= 0.045 in/sec @ 10:22:50

M3= 0.045 in/sec @ 10:34:52 M4 = 0.045 in/sec @ 10:34:51

Verbal Report To:			
Written Report To:			
REPORTER	Date Signed	Supervisor	Date Signed
Robert Byrd	8/29/2022	[signature]	8/29/2022

Post Office Box 520, 218 East North Bend Way, North Bend, WA 98045-0520
Phone (425) 888-5425 Web Site: www.subterra.us Email: info@subterra.us Fax (425) 888-2725

Date	Project No.	Project Description
08-27-2022	2022-18	Aspect – Maddux Injection Grouting Attenuation Data

CONTINUED

10:41am Began fueling the Mini Drill Rig with diesel.

Injection Point #31 Attenuation

10:59am Finished moving seismographs for the attenuation study of IP-31 along the North fence.
11:00am Driller began pouring Bentonite chips in the coring in the sidewalk.

Drilled from 11:05am to 12:29am – Highest recorded value during drilling.
M1 = 0.17 in/sec @ 11:41:05 M2= 0.125 in/sec @ 11:55:26
M3= 0.12 in/sec @ 11:55:32 M4 = 0.045 in/sec @ 12:23:53

Grout Injection 11:14am to 12:42am – Highest recorded value during grouting.
M1 = 0.105 in/sec @ 12:34:48 M2= 0.105 in/sec @ 12:34:41
M3 = 0.08 in/sec @ 12:34:32 M4 = 0.065 in/sec @ 12:40:23

11:48am The geophone sensor sand bag got kicked at M1 between drilling and grouting.

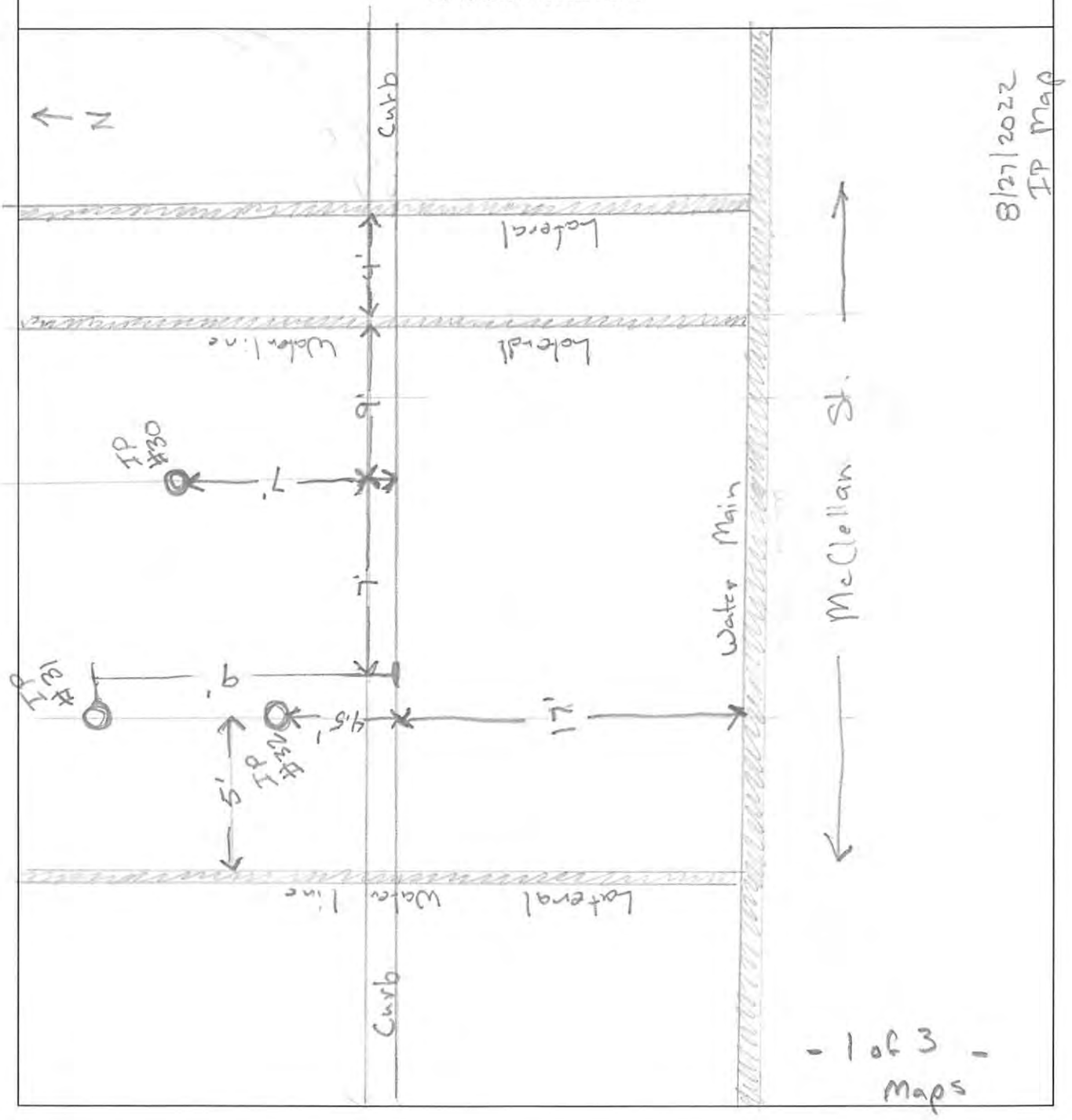
12:45am Began measuring locations of IP-30, Ip-31, and IP-32
IP-30 is 7' North of the curb and 9' West of the two uphill lateral waterlines.
IP-31 is 9' North of the curb and 5' East of a downhill lateral waterline.
IP-32 is 4.5' North of the curb and perpendicular to Ip-31.

1:15pm Began hauling equipment back to work truck.

1:45pm Left the site.

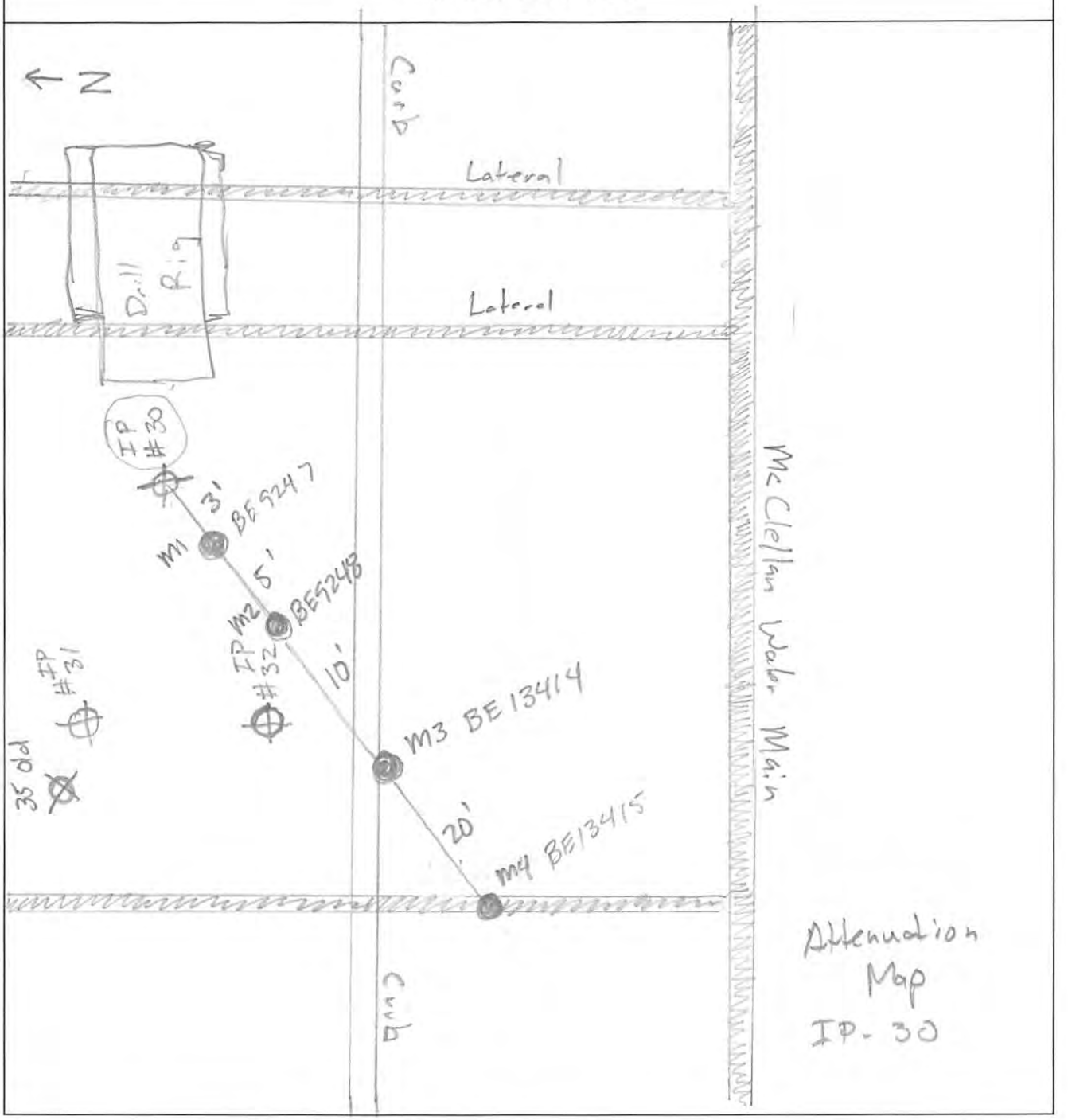
Date	Project No.	Project Description
08-27-2022	2022-18	Aspect – Maddux Injection Grouting Attenuation Data

LAYOUT SKETCH



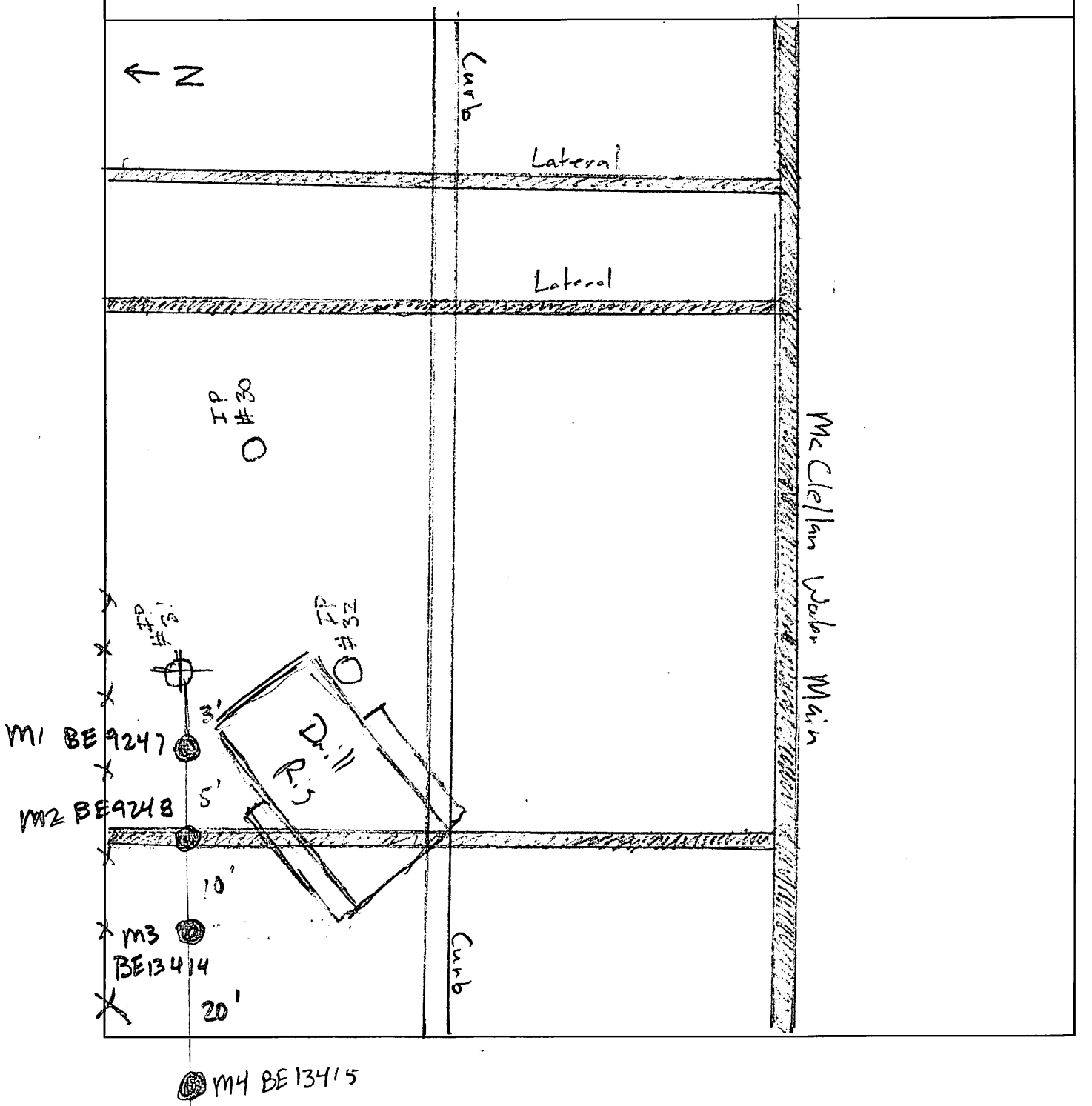
Date	Project No.	Project Description
08-27-2022	2022-18	Aspect – Maddux Injection Grouting Attenuation Data

LAYOUT SKETCH



Date	Project No.	Project Description
08-27-2022	2022-18	Aspect – Maddux Injection Grouting Attenuation Data

LAYOUT SKETCH



Date	Project No.	Project Description
08-27-2022	2022-18	Aspect – Maddux Injection Grouting Attenuation Data

COMMUNICATIONS WITH OTHERS

9:00 Meet the three representatives from aspect consulting and talked about attenuation studies.

Unit Numbers			Peak Value Recorded			Peak Record Time		
			Attenuation Study IP-30					
M1	BE9247	Start	9:38:37	0.165 in/sec	@	10:37:22	37 Hz	Vert
M2	BE9248	Start	9:38:50	0.145 in/sec	@	9:47:20	>100 Hz	Tran
M3	BE13414	Start	9:39:07	0.075 in/sec	@	9:44:52	30 Hz	Vert
M4	BE13415	Start	9:37:17	1.865 in/sec	@	9:47:02	2.7Hz	Tran
M4	09:46:49		Waveform	1.865 in/sec		Kicked sandbag on top sensor		
M1	BE9247	Start	9:47:21	0.045 in/sec	@	9:49:21	37 Hz	Vert
			Attenuation Study IP-31					
M1	BE9247	Start	10:59:20	2.445 in/sec	@	11:47:50	7.2 Hz	Vert
M1	11:47:45		Waveform	2.445 in/sec		Kicked sandbag on top sensor		
M1	BE9247	Start	11:48:23	0.28 in/sec	@	12:42:08	11 Hz	Long
M2	BE9248	Start	10:59:26	0.125 in/sec	@	11:55:26	>100 Hz	Tran
M3	BE13414	Start	10:59:32	0.12 in/sec	@	11:55:32	>100 Hz	Long
M4	BE13415	Start	10:59:38	0.065 in/sec	@	12:40:23	30 Hz	Vert

Travel from Project Site to SubTerra Office				
Departure Time		Arrival Odometer	Arrival Time	
1:45	PM	43141	2:30	PM

Event Report

Histogram Start Time	09:38:37 August 27, 2022
Histogram Finish Time	10:37:23 August 27, 2022
Number of Intervals	235.00 at 15 seconds
Range	Geo:10.000 in/s
Sample Rate	1024sps

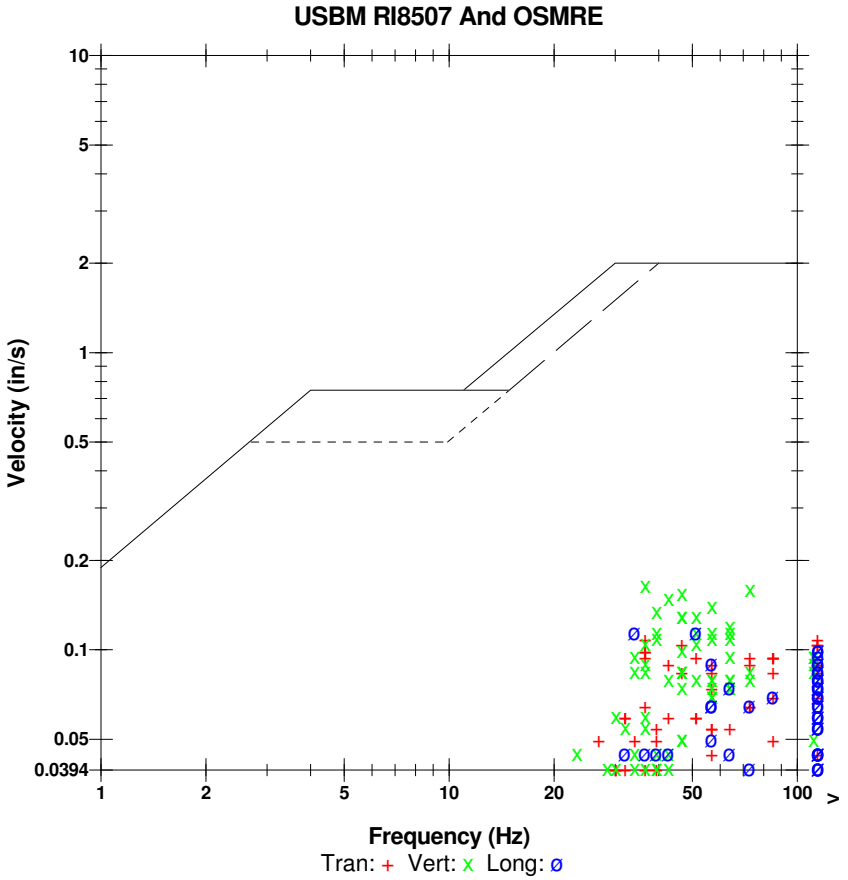
Serial Number	BE9247 V 10.72-8.17 MiniMate Plus
Battery Level	6.3 Volts
Unit Calibration	June 2, 2022 by Instantel
File Name	K247JNFE.SD0

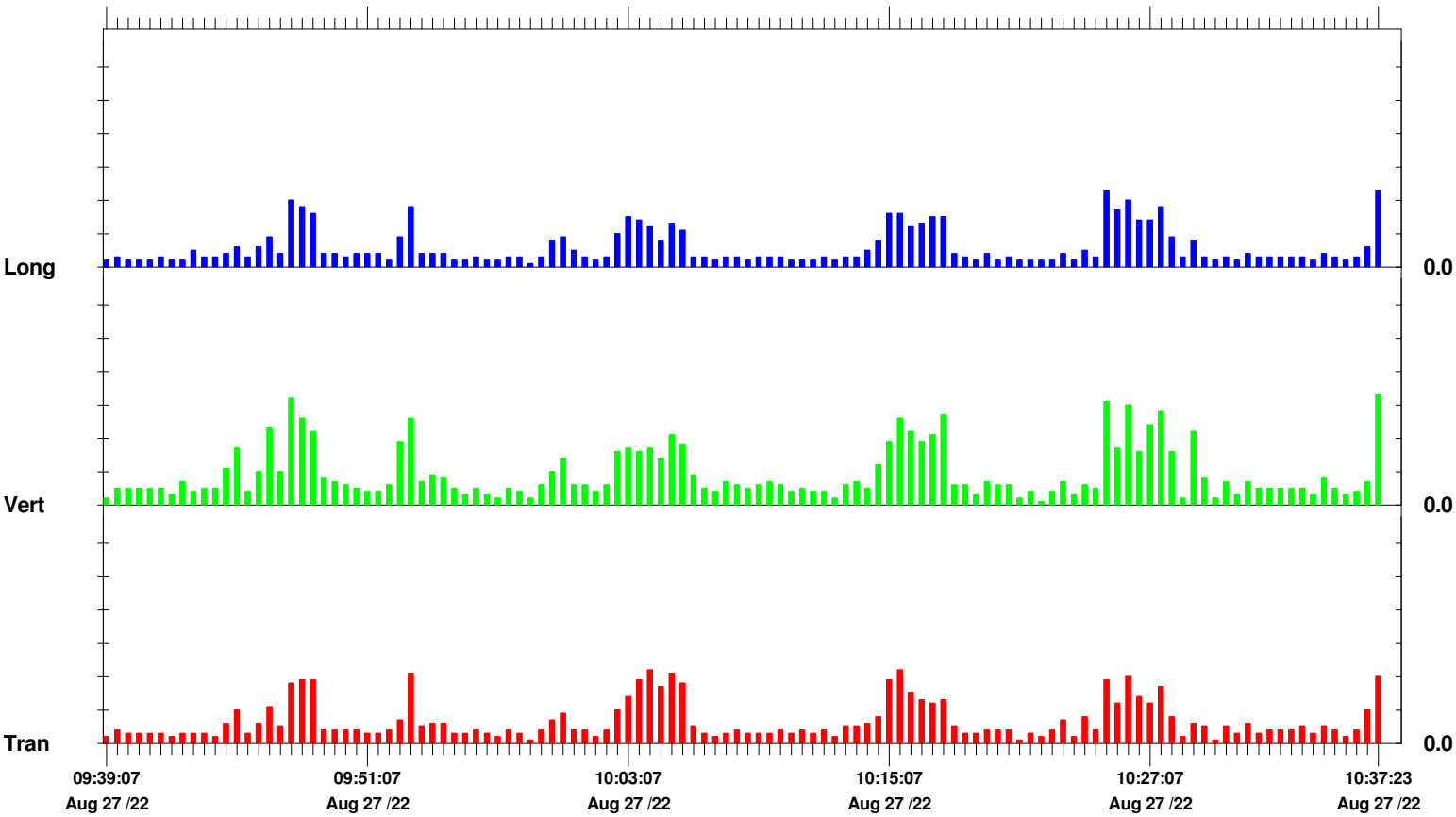
Notes
Location: Seattle, WA
Client: Aspect Consulting
Monitored By: SubTerra Inc. 425-888-5425
Unit Location: M1

Extended Notes:
Project: Utility and Restoration (SUMP0000198) Mount Baker Properties
Scope: Injection Grouting Vibration Attenuation Study

	Tran	Vert	Long	
PPV	0.110	0.165	0.115	in/s
ZC Freq	>100	37	51	Hz
Date	Aug 27 /22	Aug 27 /22	Aug 27 /22	
Time	10:04:07	10:37:22	10:25:07	
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 0.209 in/s on August 27, 2022 at 10:37:22





Time Scale: 30 seconds /div **Amplitude Scale:** Geo: 0.050 in/s/div

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Event Report

Histogram Start Time	09:38:50 August 27, 2022
Histogram Finish Time	10:37:20 August 27, 2022
Number of Intervals	234.00 at 15 seconds
Range	Geo:10.000 in/s
Sample Rate	1024sps

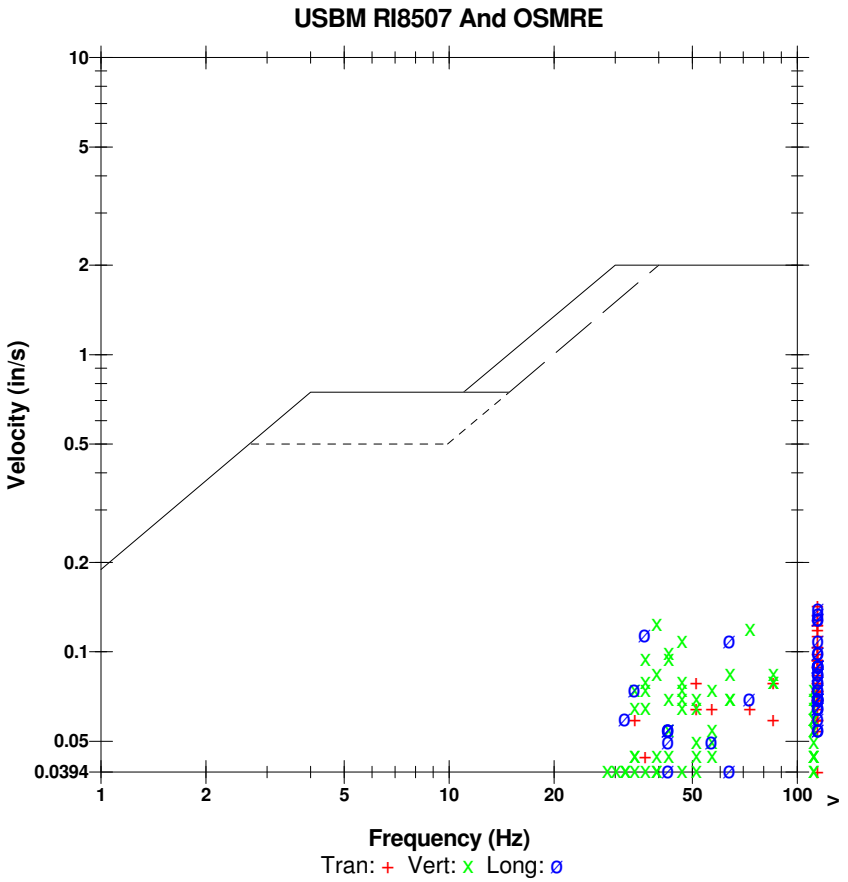
Serial Number	BE9248 V 10.72-8.17 MiniMate Plus
Battery Level	6.3 Volts
Unit Calibration	May 31, 2022 by Instantel
File Name	K248JNFE.SQ0

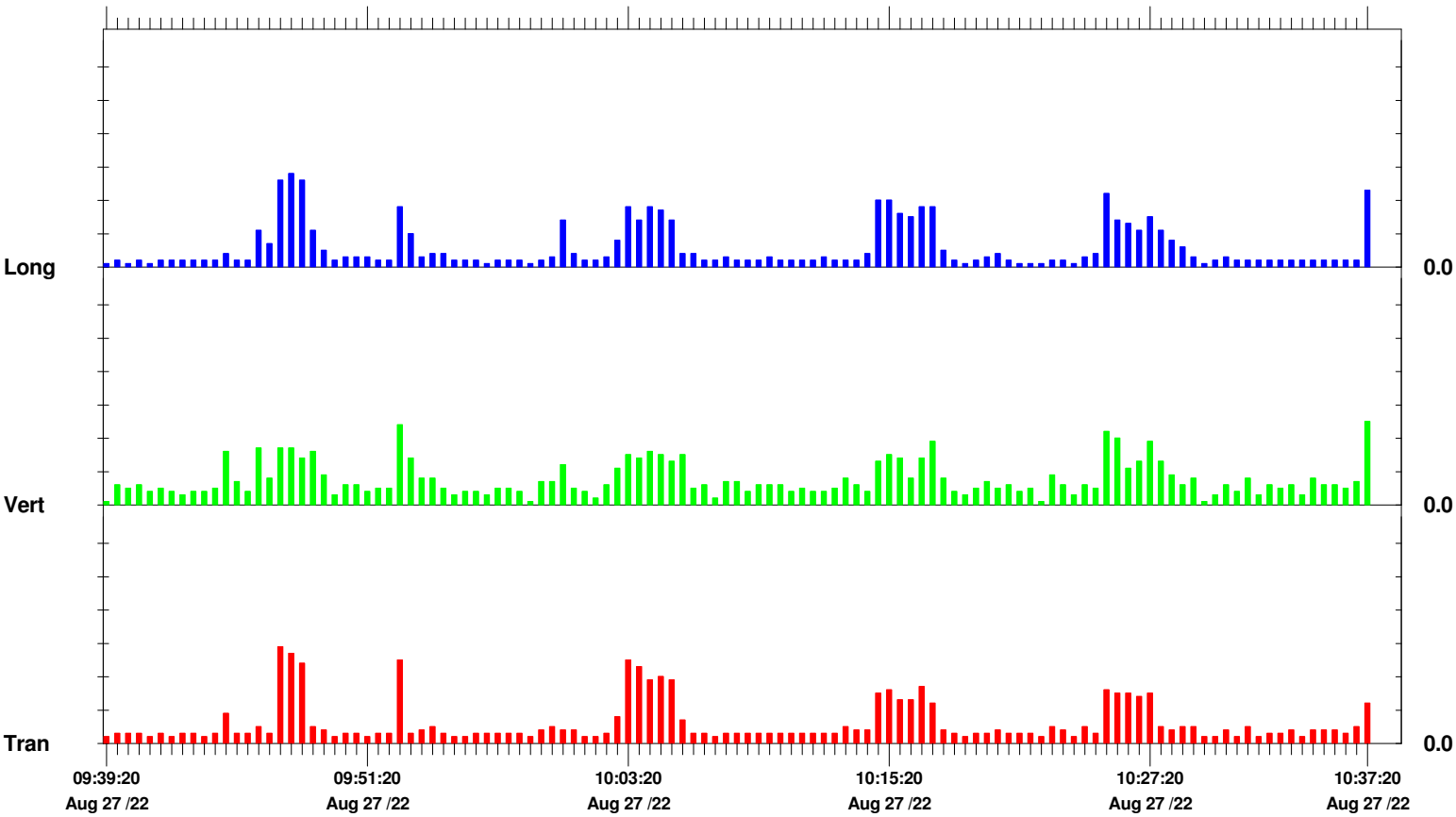
Notes
Location: Seattle, WA
Client: Aspect Consulting
Monitored By: SubTerra Inc. 425-888-5425
Unit Location: M2

Extended Notes:
Project: Utility and Restoration (SUMP0000198) Mount Baker Properties
Scope: Injection Grouting Vibration Attenuation Study

	Tran	Vert	Long	
PPV	0.145	0.125	0.140	in/s
ZC Freq	>100	39	>100	Hz
Date	Aug 27 /22	Aug 27 /22	Aug 27 /22	
Time	09:47:20	10:37:20	09:47:35	
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 0.177 in/s on August 27, 2022 at 10:37:20





Time Scale: 30 seconds /div **Amplitude Scale:** Geo: 0.050 in/s/div

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Event Report

Histogram Start Time	09:39:07 August 27, 2022
Histogram Finish Time	10:37:41 August 27, 2022
Number of Intervals	234.00 at 15 seconds
Range	Geo:10.000 in/s
Sample Rate	1024sps

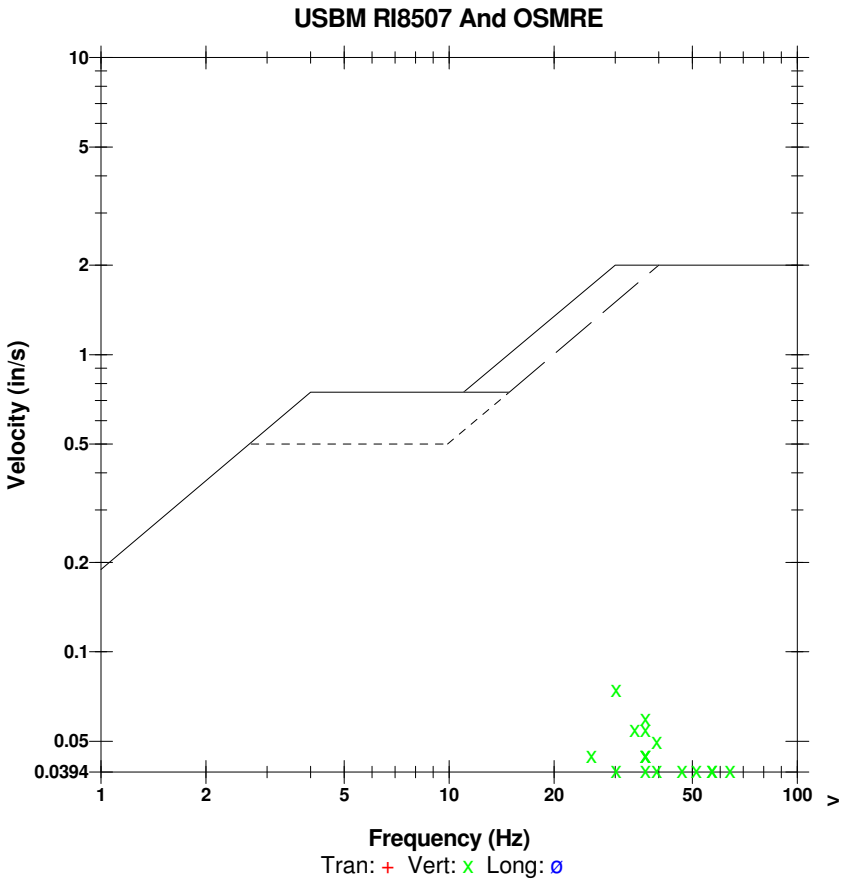
Serial Number	BE13414 V 10.72-8.17 MiniMate Plus
Battery Level	6.3 Volts
Unit Calibration	January 7, 2022 by Instantel
File Name	O414JNFE.T70

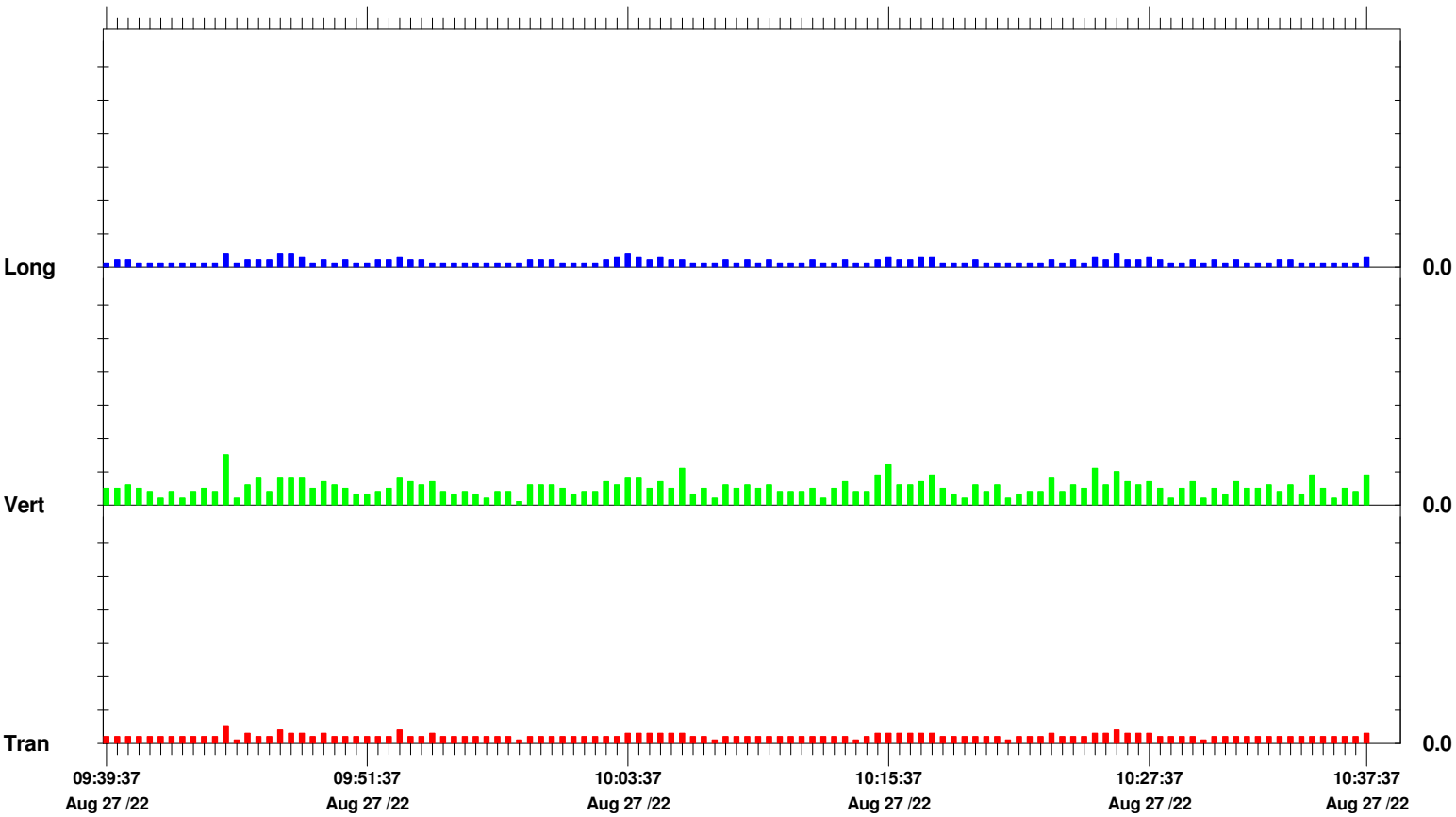
Notes
Location: Seattle, WA
Client: Aspect Consulting
Monitored By: SubTerra Inc. 425-888-5425
Unit Location: M3

Extended Notes:
Project: Utility and Restoration (SUMP0000198) Mount Baker Properties
Scope: Injection Grouting Vibration Attenuation Study

	Tran	Vert	Long	
PPV	0.025	0.075	0.020	in/s
ZC Freq	37	30	18	Hz
Date	Aug 27 /22	Aug 27 /22	Aug 27 /22	
Time	09:44:52	09:44:52	09:44:52	
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 0.078 in/s on August 27, 2022 at 09:44:52





Time Scale: 30 seconds /div **Amplitude Scale:** Geo: 0.050 in/s/div

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Event Report

Histogram Start Time	09:39:17 August 27, 2022
Histogram Finish Time	09:47:05 August 27, 2022
Number of Intervals	31.00 at 15 seconds
Range	Geo:10.000 in/s
Sample Rate	1024sps

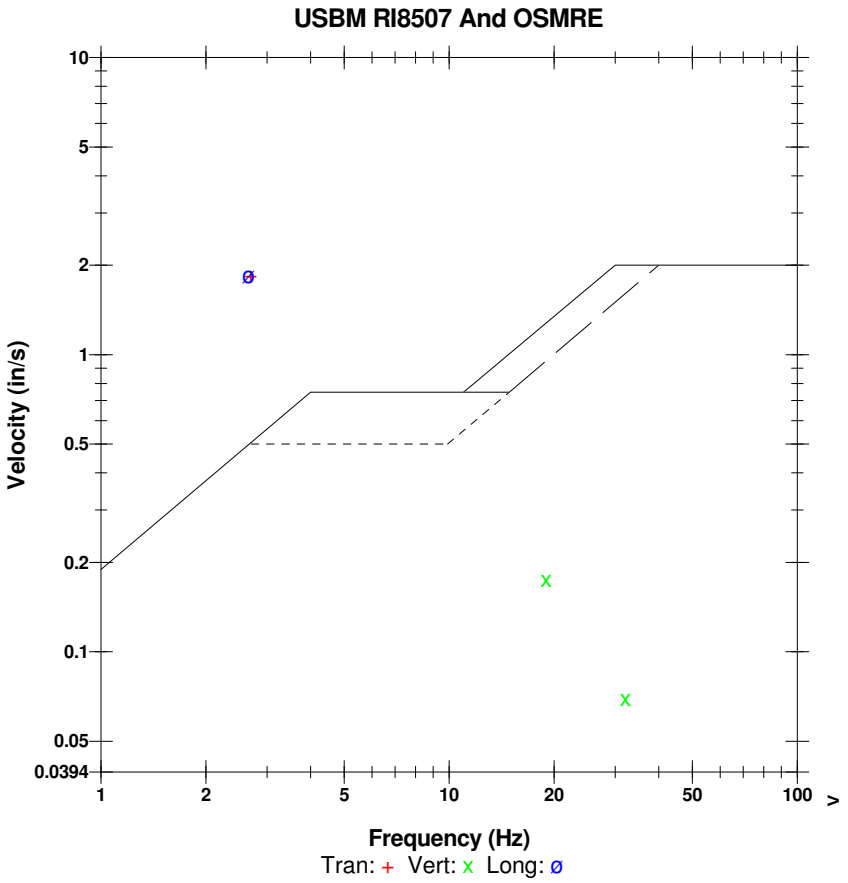
Serial Number	BE13415 V 10.72-8.17 MiniMate Plus
Battery Level	6.3 Volts
Unit Calibration	May 31, 2022 by Instantel
File Name	O415JNFE.TH0

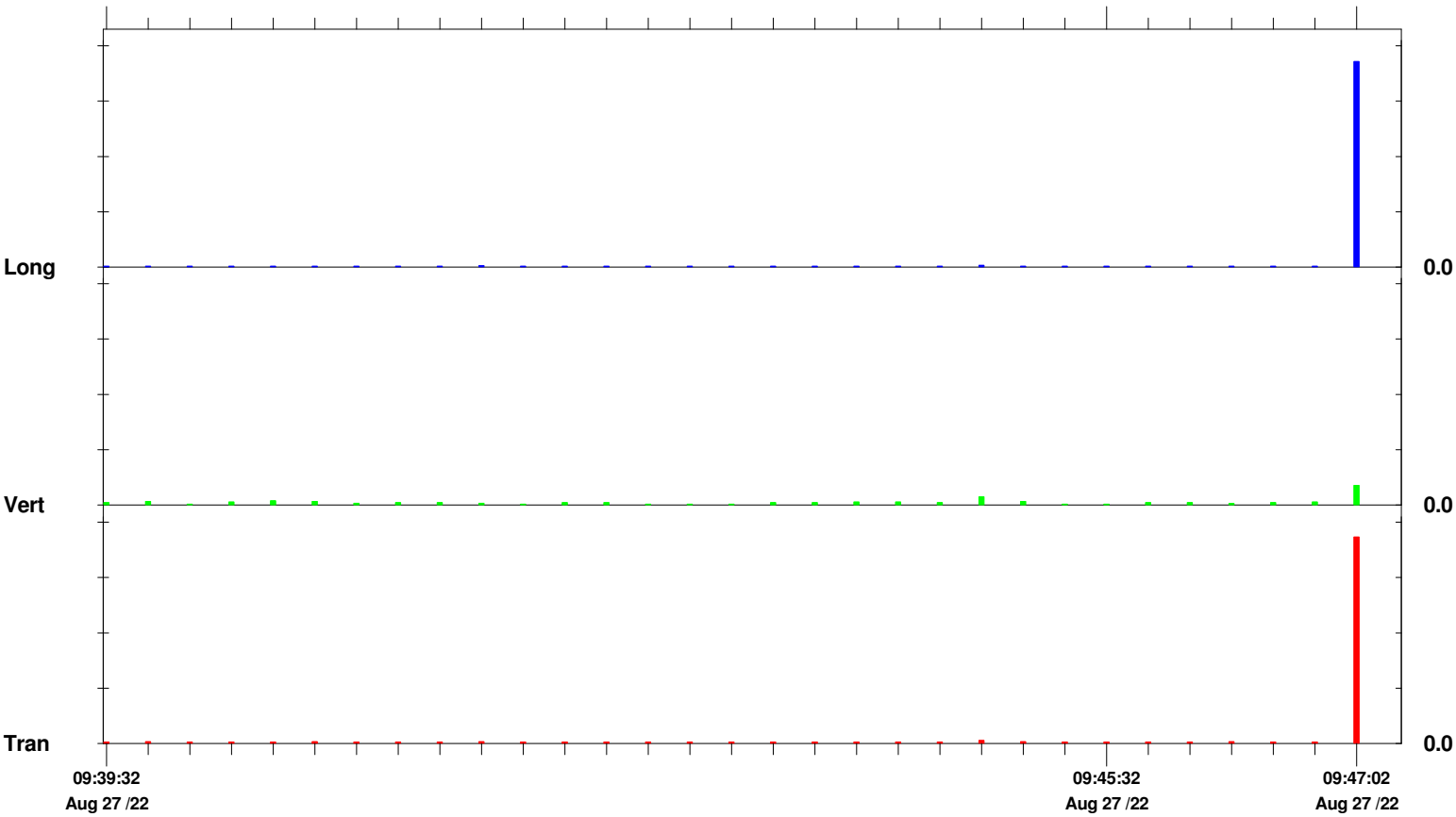
Notes
Location: Seattle, WA
Client: Aspect Consulting
Monitored By: SubTerra Inc. 425-888-5425
Unit Location: M4

Extended Notes:
Project: Utility and Restoration (SUMP0000198) Mount Baker Properties
Scope: Injection Grouting Vibration Attenuation Study

	Tran	Vert	Long	
PPV	1.865	0.175	1.855	in/s
ZC Freq	2.7	19	2.7	Hz
Date	Aug 27 /22	Aug 27 /22	Aug 27 /22	
Time	09:47:02	09:47:02	09:47:02	
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 2.630 in/s on August 27, 2022 at 09:47:02





Time Scale: 15 seconds /div **Amplitude Scale:** Geo: 0.500 in/s/div

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Event Report

Date/Time Long at 09:46:49 August 27, 2022
Trigger Source Geo: 1.500 in/s
Range Geo: 10.000 in/s
Record Time 6.0 sec at 1024 sps

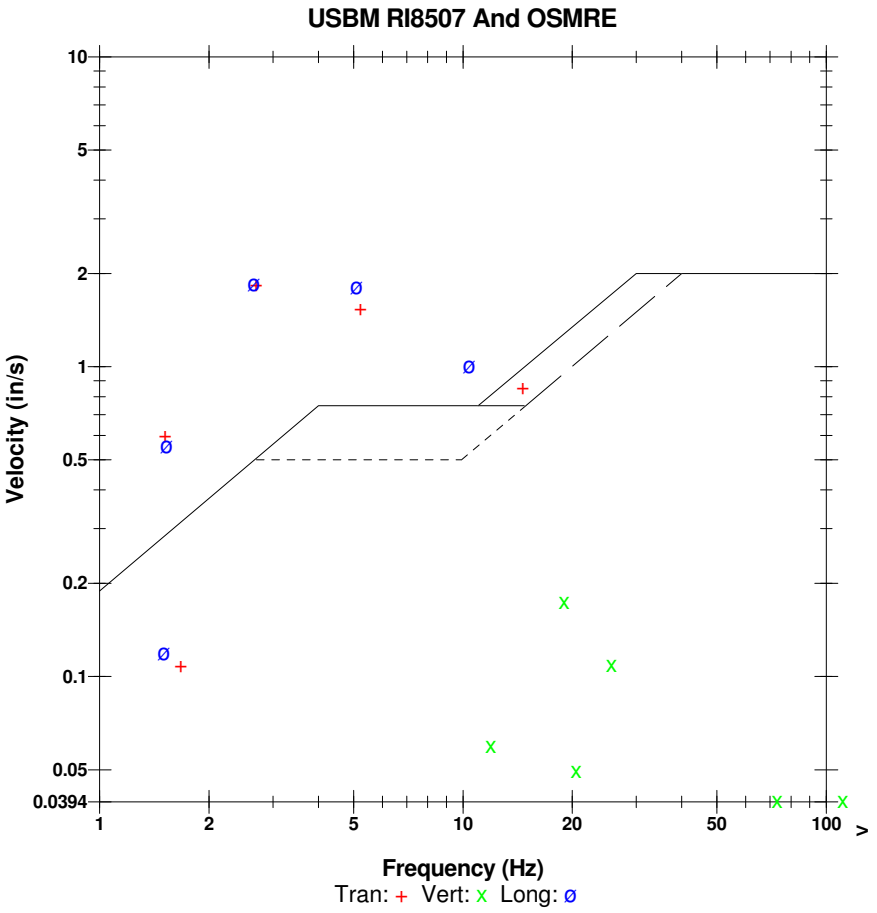
Serial Number BE13415 V 10.72-8.17 MiniMate Plus
Battery Level 6.3 Volts
Unit Calibration May 31, 2022 by Instantel
File Name O415JNFF.610

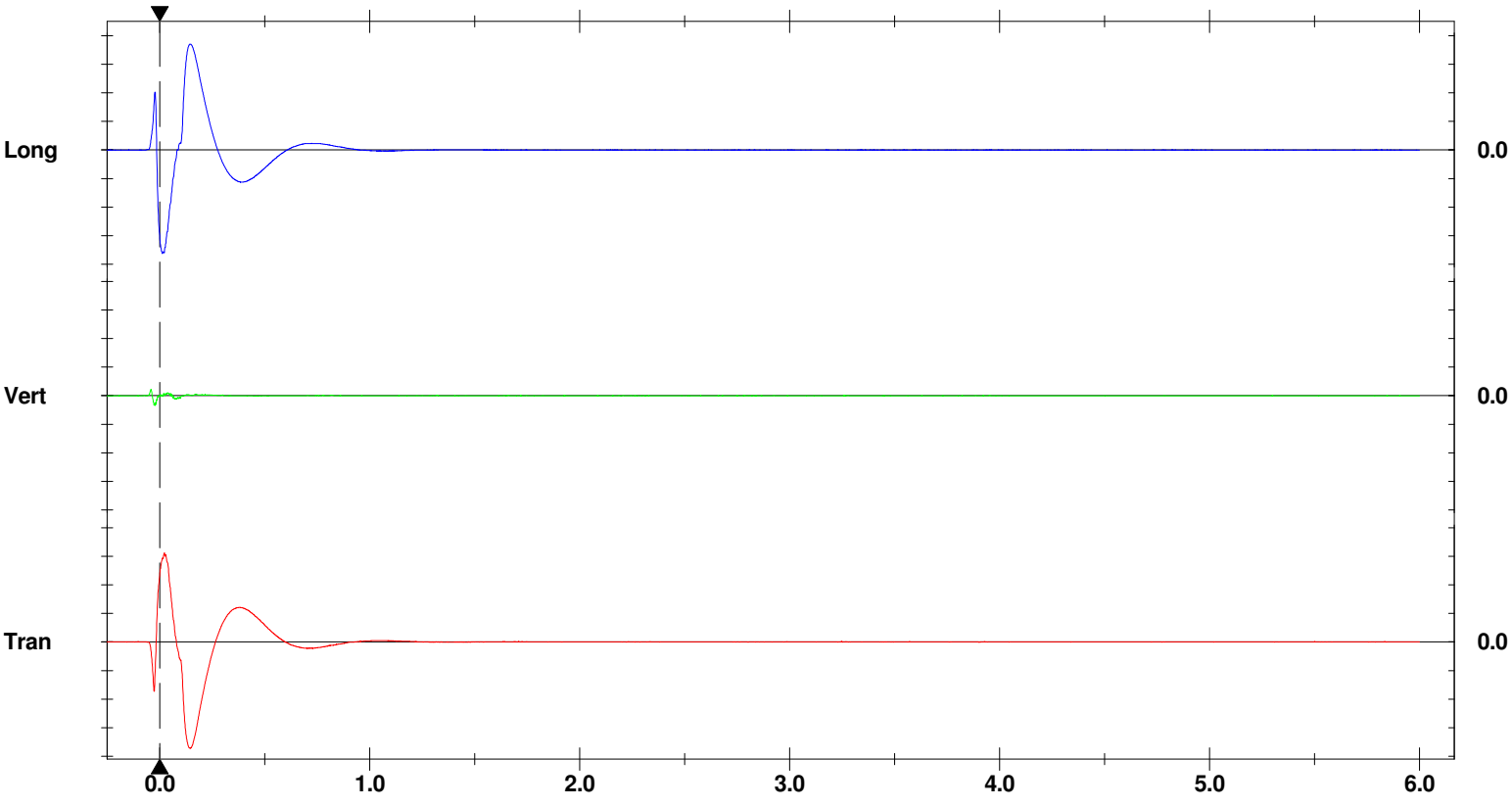
Notes
Location: Seattle, WA
Client: Aspect Consulting
Monitored By: SubTerra Inc. 425-888-5425
Unit Location: M4

Extended Notes:
Combo Mode August 27, 2022 09:39:16
Project: Utility and Restoration (SUMP0000198) Mount Baker Properties
Scope: Injection Grouting Vibration Attenuation Study

	Tran	Vert	Long	
PPV	1.865	0.175	1.855	in/s
ZC Freq	2.7	19	2.7	Hz
Time (Rel. to Trig)	0.145	-0.021	0.146	sec
Peak Acceleration	0.331	0.093	0.544	g
Peak Displacement	0.089	0.001	0.090	in
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 2.630 in/s at 0.146 sec





Time Scale: 0.50 sec/div **Amplitude Scale:** Geo: 0.500 in/s/div
Trigger =

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Event Report

Histogram Start Time	09:47:21 August 27, 2022
Histogram Finish Time	10:37:32 August 27, 2022
Number of Intervals	200.00 at 15 seconds
Range	Geo:10.000 in/s
Sample Rate	1024sps

Serial Number	BE13415 V 10.72-8.17 MiniMate Plus
Battery Level	6.3 Volts
Unit Calibration	May 31, 2022 by Instantel
File Name	O415JNFF.6X0

Notes

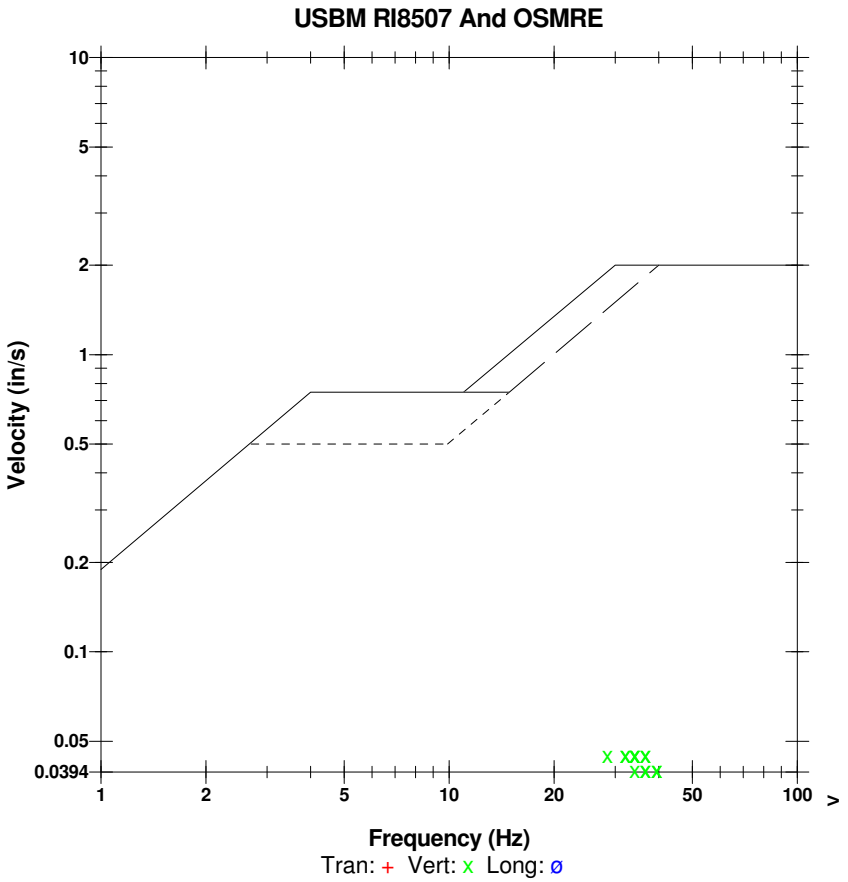
Location: Seattle, WA
Client: Aspect Consulting
Monitored By: SubTerra Inc. 425-888-5425
Unit Location: M4

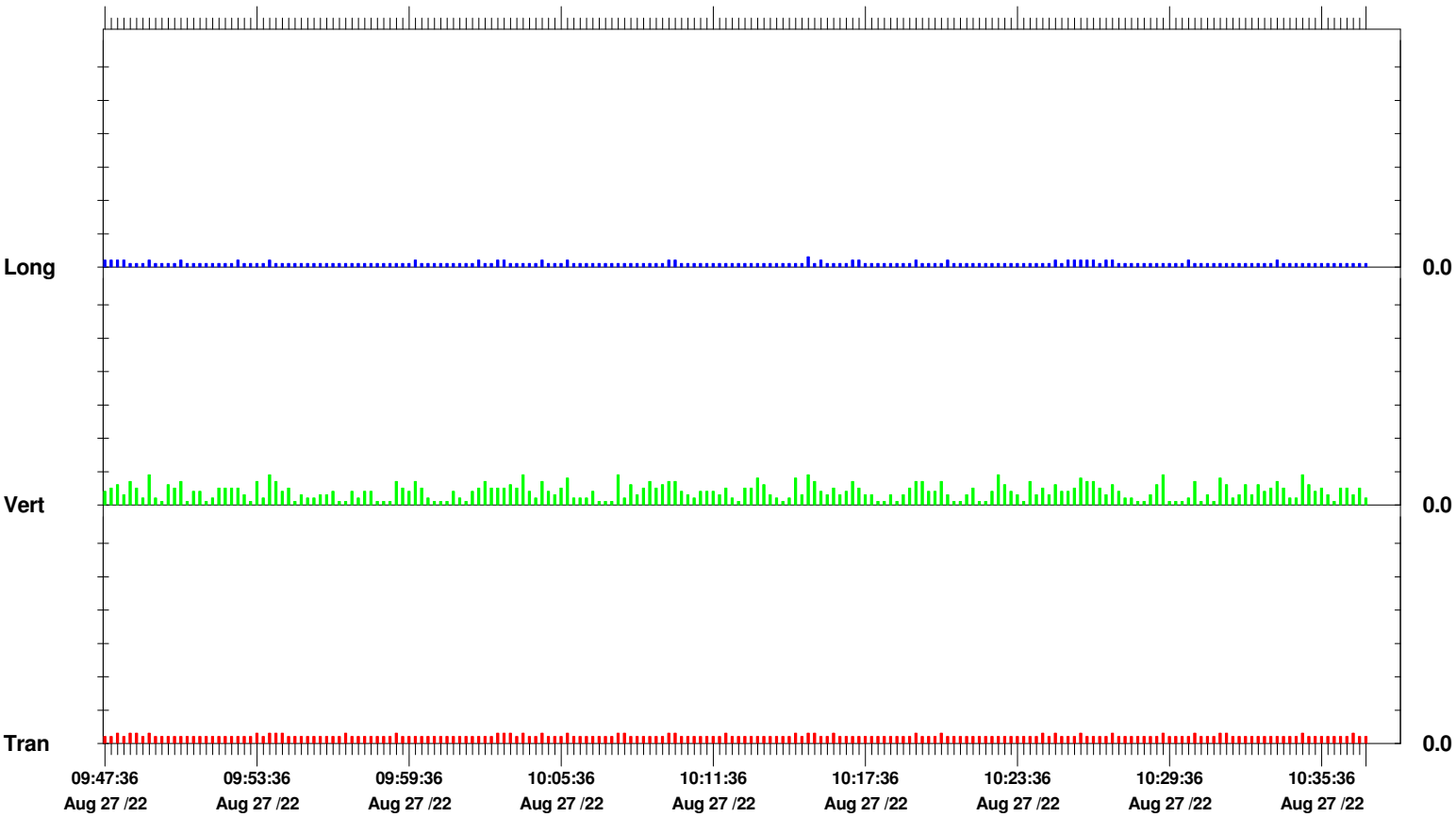
Extended Notes:

Project: Utility and Restoration (SUMP0000198) Mount Baker Properties
Scope: Injection Grouting Vibration Attenuation Study

	Tran	Vert	Long	
PPV	0.015	0.045	0.015	in/s
ZC Freq	37	37	32	Hz
Date	Aug 27 /22	Aug 27 /22	Aug 27 /22	
Time	09:48:06	09:49:21	10:15:21	
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 0.046 in/s on August 27, 2022 at 10:04:06





Time Scale: 15 seconds /div **Amplitude Scale:** Geo: 0.050 in/s/div

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Event Report

Histogram Start Time	10:59:20 August 27, 2022
Histogram Finish Time	11:48:07 August 27, 2022
Number of Intervals	195.00 at 15 seconds
Range	Geo:10.000 in/s
Sample Rate	1024sps

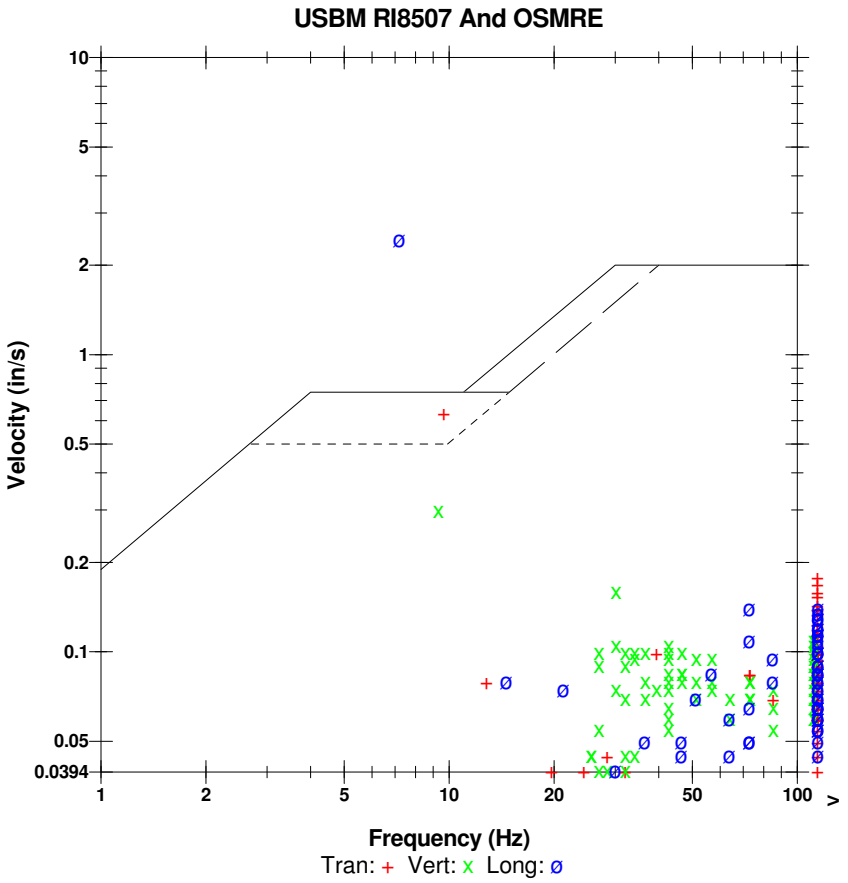
Serial Number	BE9247 V 10.72-8.17 MiniMate Plus
Battery Level	6.3 Volts
Unit Calibration	June 2, 2022 by Instantel
File Name	K247JNFI.IW0

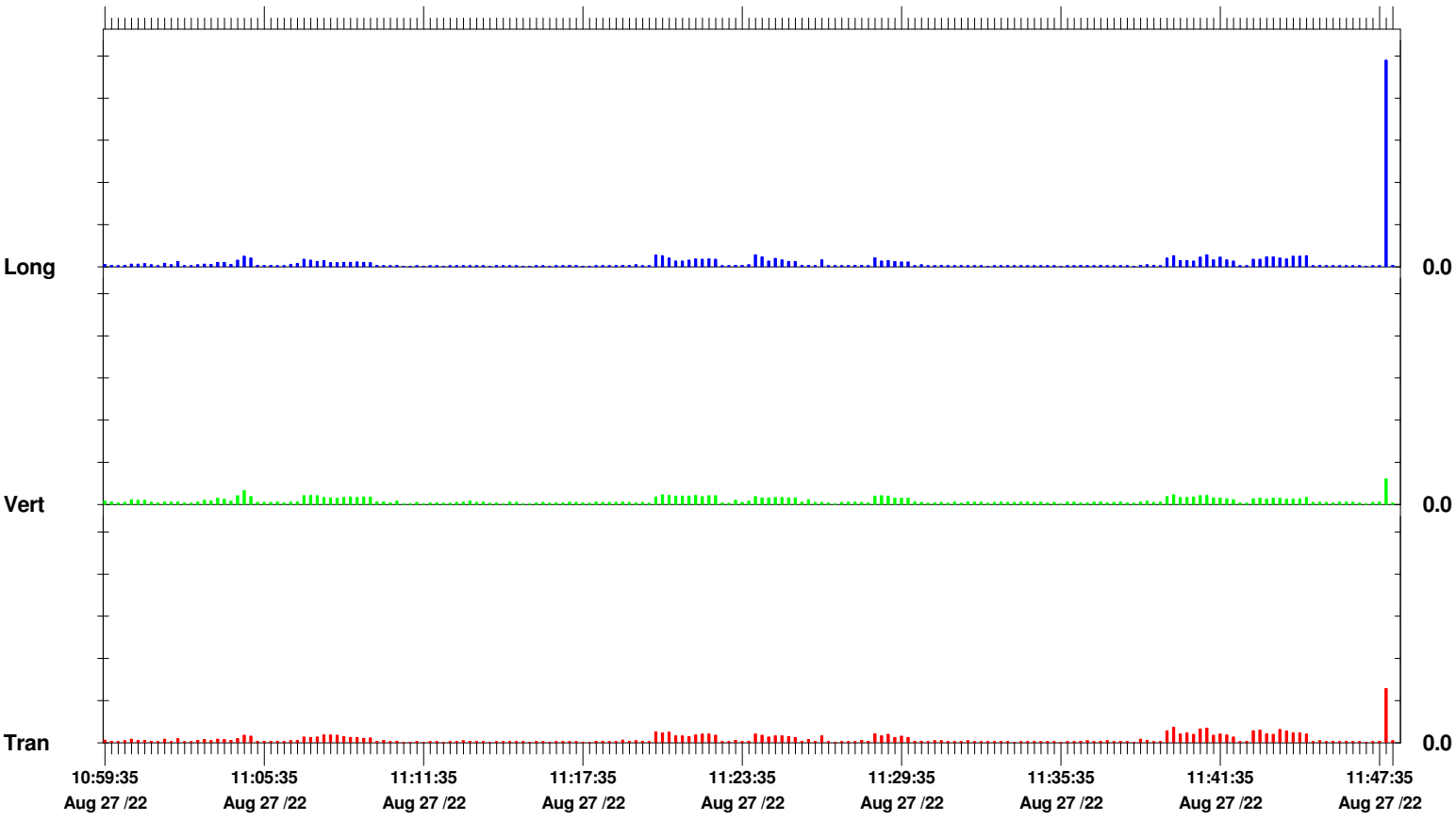
Notes
Location: Seattle, WA
Client: Aspect Consulting
Monitored By: SubTerra Inc. 425-888-5425
Unit Location: M1

Extended Notes:
Project: Utility and Restoration (SUMP0000198) Mount Baker Properties
Scope: Injection Grouting Vibration Attenuation Study

	Tran	Vert	Long	
PPV	0.640	0.300	2.445	in/s
ZC Freq	9.7	9.3	7.2	Hz
Date	Aug 27 /22	Aug 27 /22	Aug 27 /22	
Time	11:47:50	11:47:50	11:47:50	
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 2.457 in/s on August 27, 2022 at 11:47:50





Time Scale: 15 seconds /div **Amplitude Scale:** Geo: 0.500 in/s/div

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Event Report

Date/Time	Long at 11:47:45 August 27, 2022
Trigger Source	Geo: 1.500 in/s
Range	Geo: 10.000 in/s
Record Time	6.0 sec at 1024 sps

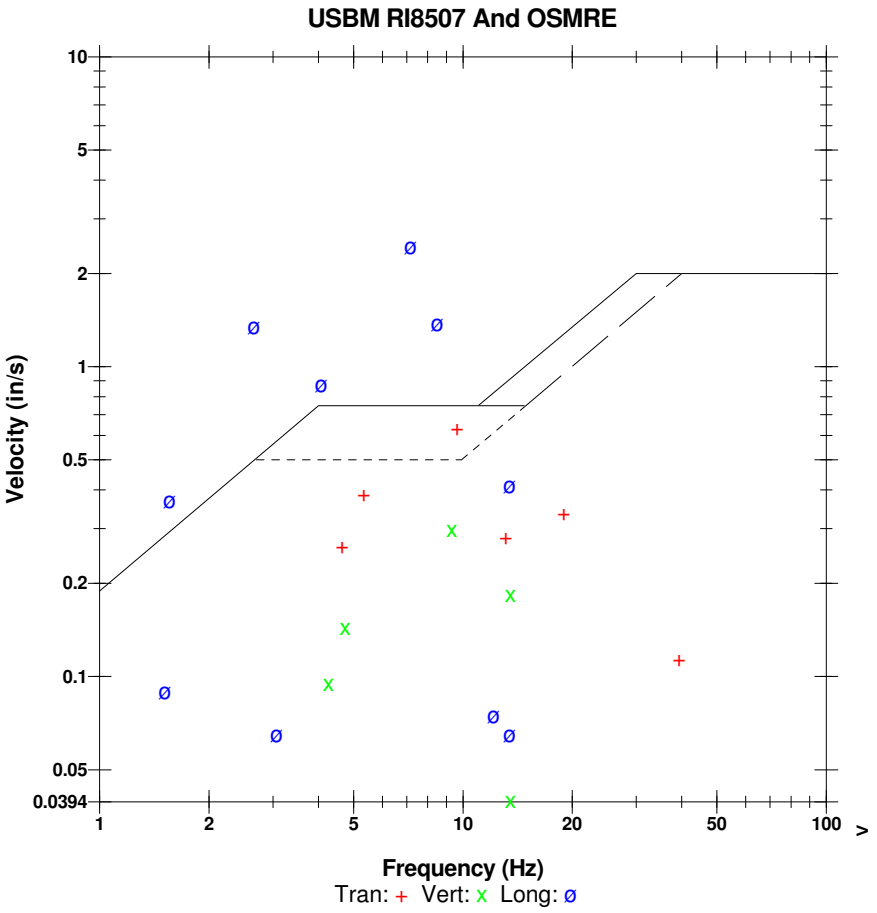
Serial Number	BE9247 V 10.72-8.17 MiniMate Plus
Battery Level	6.3 Volts
Unit Calibration	June 2, 2022 by Instantel
File Name	K247JNFK.RL0

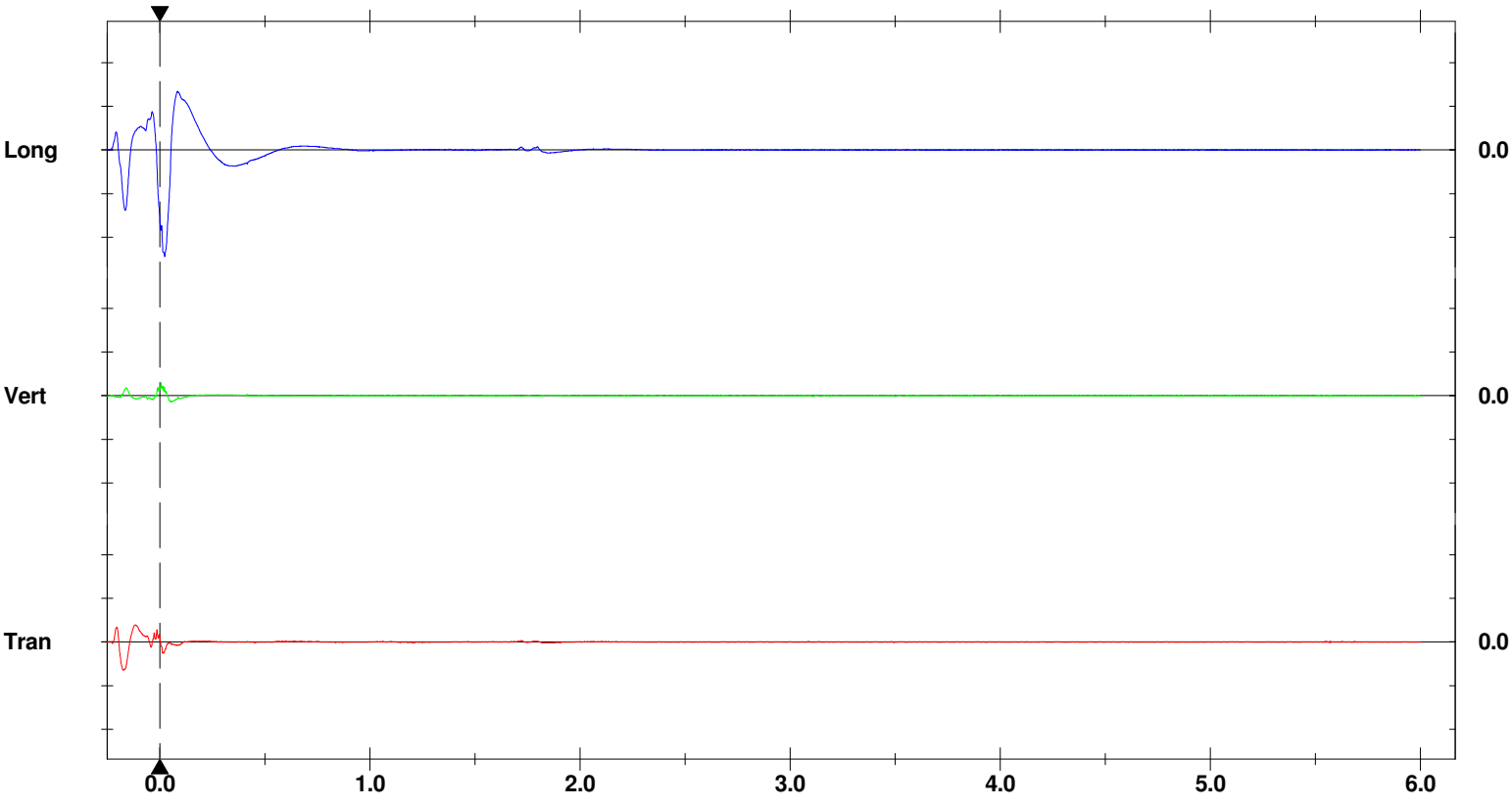
Notes
Location: Seattle, WA
Client: Aspect Consulting
Monitored By: SubTerra Inc. 425-888-5425
Unit Location: M1

Extended Notes:
Combo Mode August 27, 2022 10:59:20
Project: Utility and Restoration (SUMP0000198) Mount Baker Properties
Scope: Injection Grouting Vibration Attenuation Study

	Tran	Vert	Long	
PPV	0.640	0.300	2.445	in/s
ZC Freq	9.7	9.3	7.2	Hz
Time (Rel. to Trig)	-0.175	0.006	0.023	sec
Peak Acceleration	0.172	0.252	0.570	g
Peak Displacement	0.011	0.004	0.069	in
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 2.457 in/s at 0.023 sec





Time Scale: 0.50 sec/div **Amplitude Scale:** Geo: 1.000 in/s/div
Trigger =

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Event Report

Histogram Start Time	11:48:23 August 27, 2022
Histogram Finish Time	12:42:15 August 27, 2022
Number of Intervals	215.00 at 15 seconds
Range	Geo:10.000 in/s
Sample Rate	1024sps

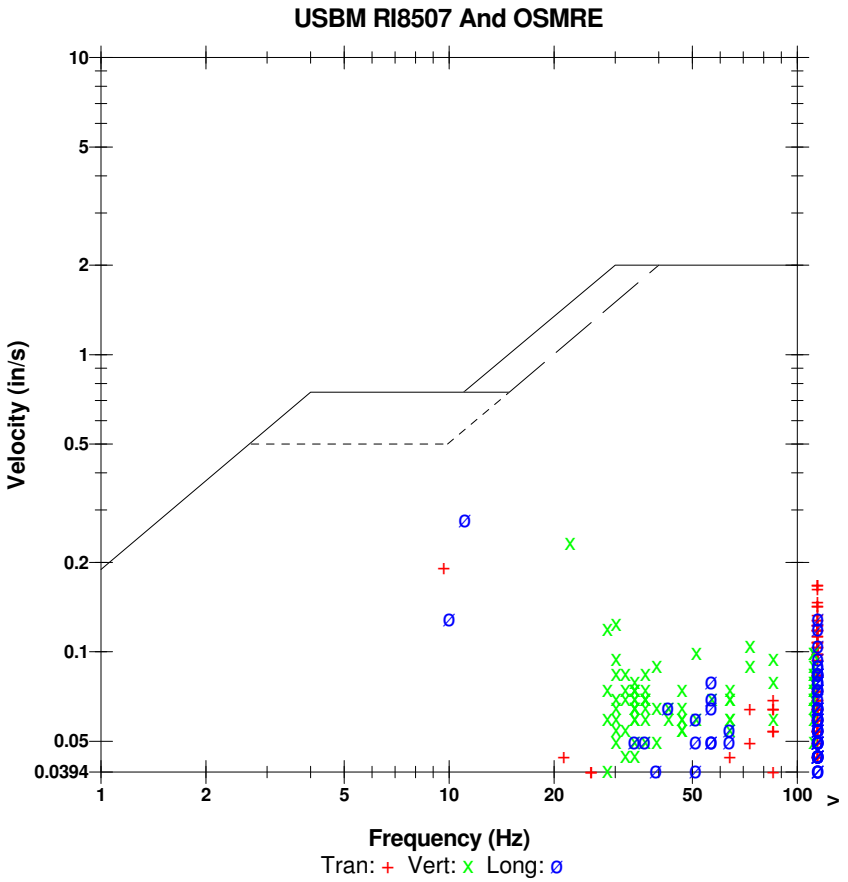
Serial Number	BE9247 V 10.72-8.17 MiniMate Plus
Battery Level	6.3 Volts
Unit Calibration	June 2, 2022 by Instantel
File Name	K247JNFK.SN0

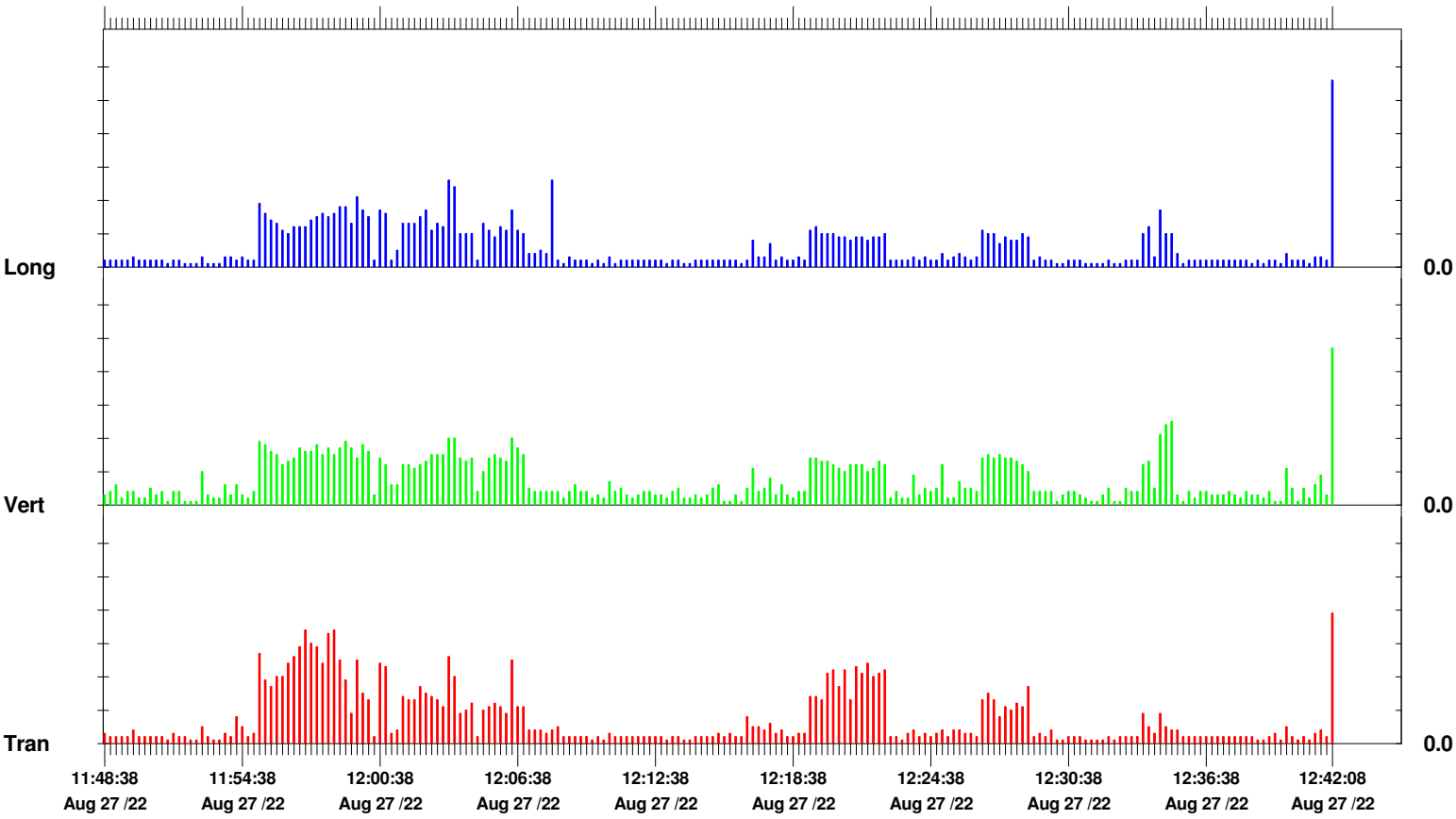
Notes
Location: Seattle, WA
Client: Aspect Consulting
Monitored By: SubTerra Inc. 425-888-5425
Unit Location: M1

Extended Notes:
Project: Utility and Restoration (SUMP0000198) Mount Baker Properties
Scope: Injection Grouting Vibration Attenuation Study

	Tran	Vert	Long	
PPV	0.195	0.235	0.280	in/s
ZC Freq	9.7	22	11	Hz
Date	Aug 27 /22	Aug 27 /22	Aug 27 /22	
Time	12:42:08	12:42:08	12:42:08	
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 0.302 in/s on August 27, 2022 at 12:42:08





Time Scale: 15 seconds /div **Amplitude Scale:** Geo: 0.050 in/s/div

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Event Report

Histogram Start Time	10:59:26 August 27, 2022
Histogram Finish Time	12:42:20 August 27, 2022
Number of Intervals	411.00 at 15 seconds
Range	Geo:10.000 in/s
Sample Rate	1024sps

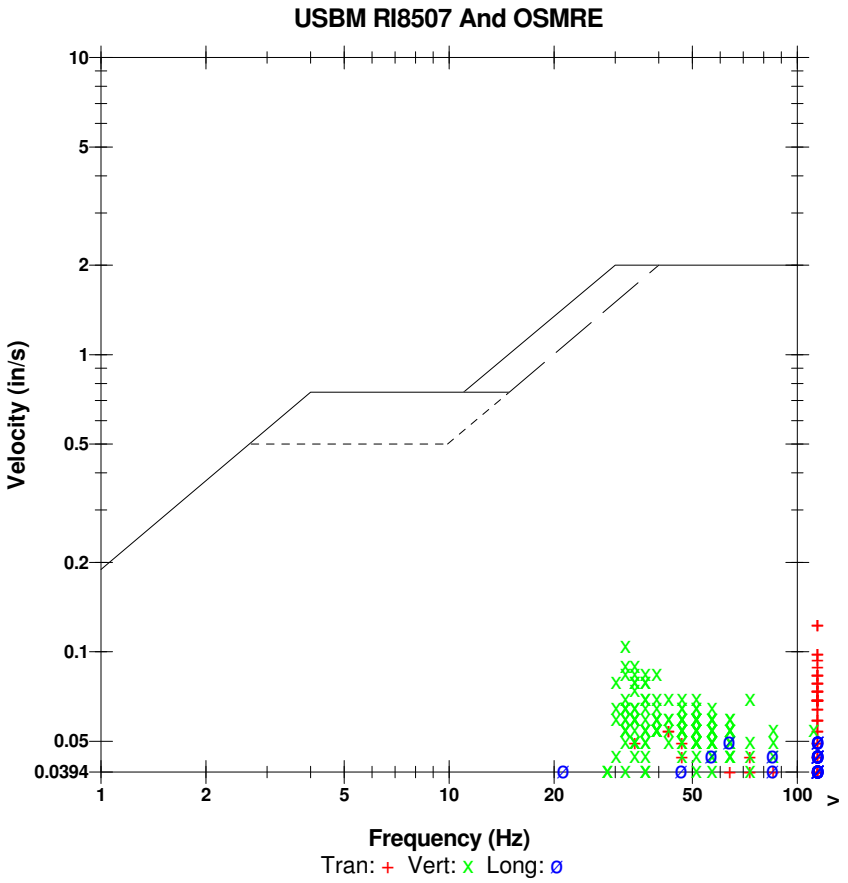
Serial Number	BE9248 V 10.72-8.17 MiniMate Plus
Battery Level	6.3 Volts
Unit Calibration	May 31, 2022 by Instantel
File Name	K248JNFI.J20

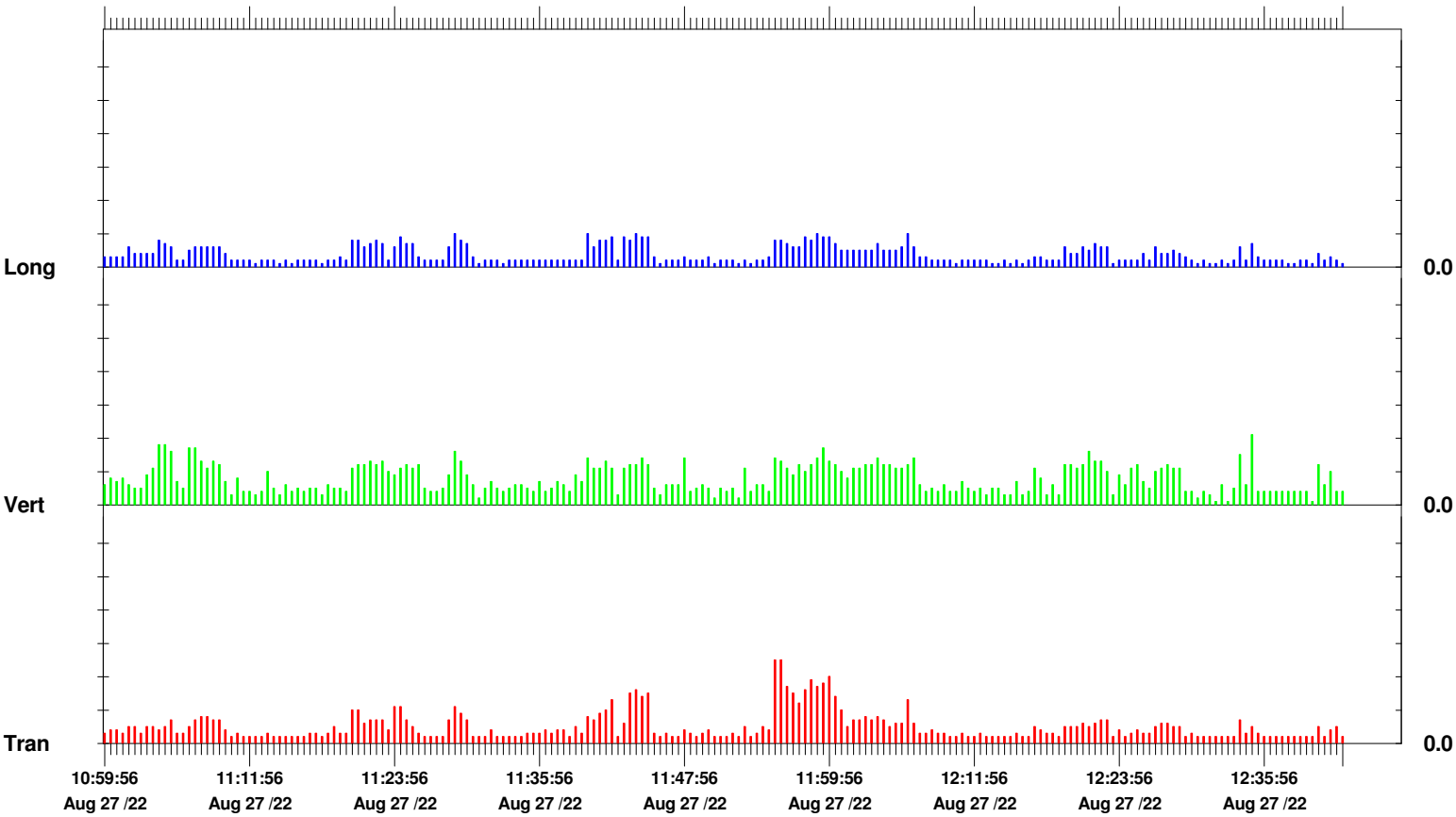
Notes
Location: Seattle, WA
Client: Aspect Consulting
Monitored By: SubTerra Inc. 425-888-5425
Unit Location: M2

Extended Notes:
Project: Utility and Restoration (SUMP0000198) Mount Baker Properties
Scope: Injection Grouting Vibration Attenuation Study

	Tran	Vert	Long	
PPV	0.125	0.105	0.050	in/s
ZC Freq	>100	32	>100	Hz
Date	Aug 27 /22	Aug 27 /22	Aug 27 /22	
Time	11:55:26	12:34:41	11:28:56	
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 0.136 in/s on August 27, 2022 at 11:55:41





Time Scale: 30 seconds /div **Amplitude Scale:** Geo: 0.050 in/s/div

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Event Report

Histogram Start Time	10:59:32 August 27, 2022
Histogram Finish Time	12:42:37 August 27, 2022
Number of Intervals	412.00 at 15 seconds
Range	Geo:10.000 in/s
Sample Rate	1024sps

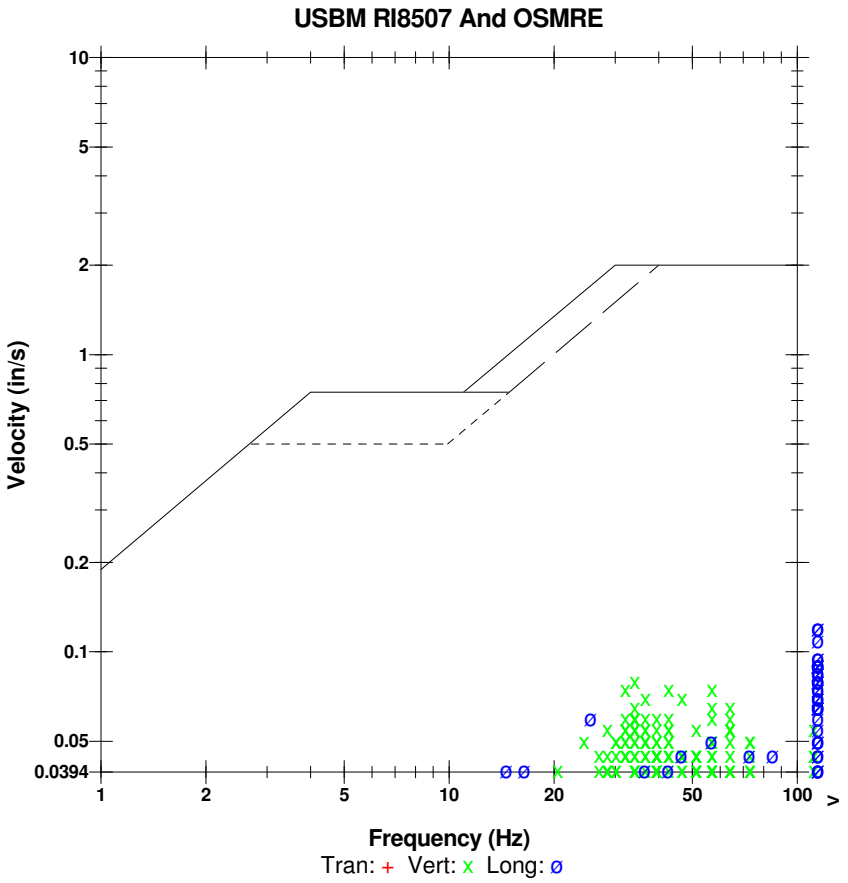
Serial Number	BE13414 V 10.72-8.17 MiniMate Plus
Battery Level	6.3 Volts
Unit Calibration	January 7, 2022 by Instantel
File Name	O414JNFI.J80

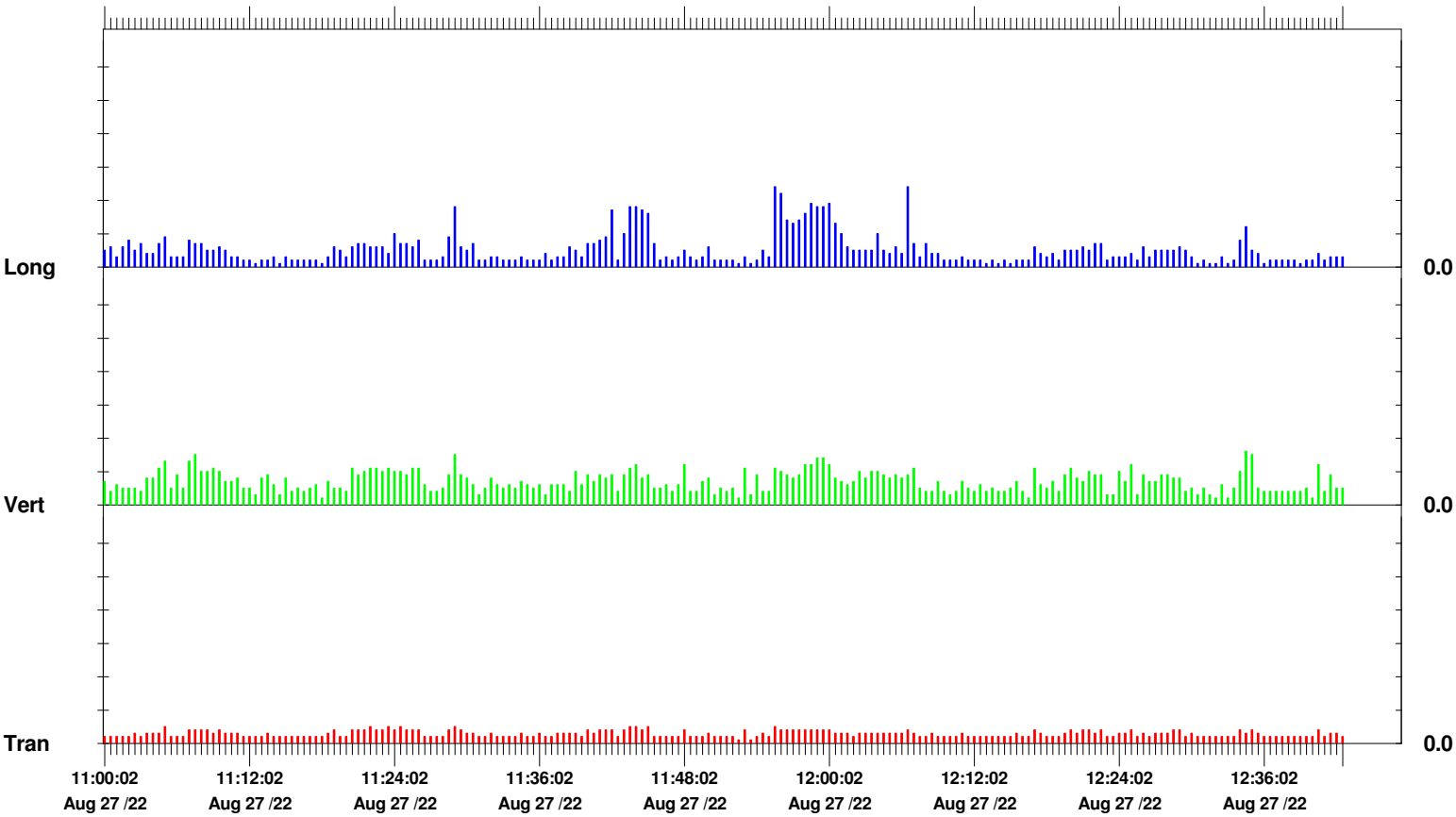
Notes
Location: Seattle, WA
Client: Aspect Consulting
Monitored By: SubTerra Inc. 425-888-5425
Unit Location: M3

Extended Notes:
Project: Utility and Restoration (SUMP0000198) Mount Baker Properties
Scope: Injection Grouting Vibration Attenuation Study

	Tran	Vert	Long	
PPV	0.025	0.080	0.120	in/s
ZC Freq	34	34	>100	Hz
Date	Aug 27 /22	Aug 27 /22	Aug 27 /22	
Time	11:05:02	12:34:32	11:55:32	
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 0.125 in/s on August 27, 2022 at 11:55:32





Time Scale: 30 seconds /div **Amplitude Scale:** Geo: 0.050 in/s/div

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Event Report

Histogram Start Time	10:59:38 August 27, 2022
Histogram Finish Time	12:42:48 August 27, 2022
Number of Intervals	412.00 at 15 seconds
Range	Geo:10.000 in/s
Sample Rate	1024sps

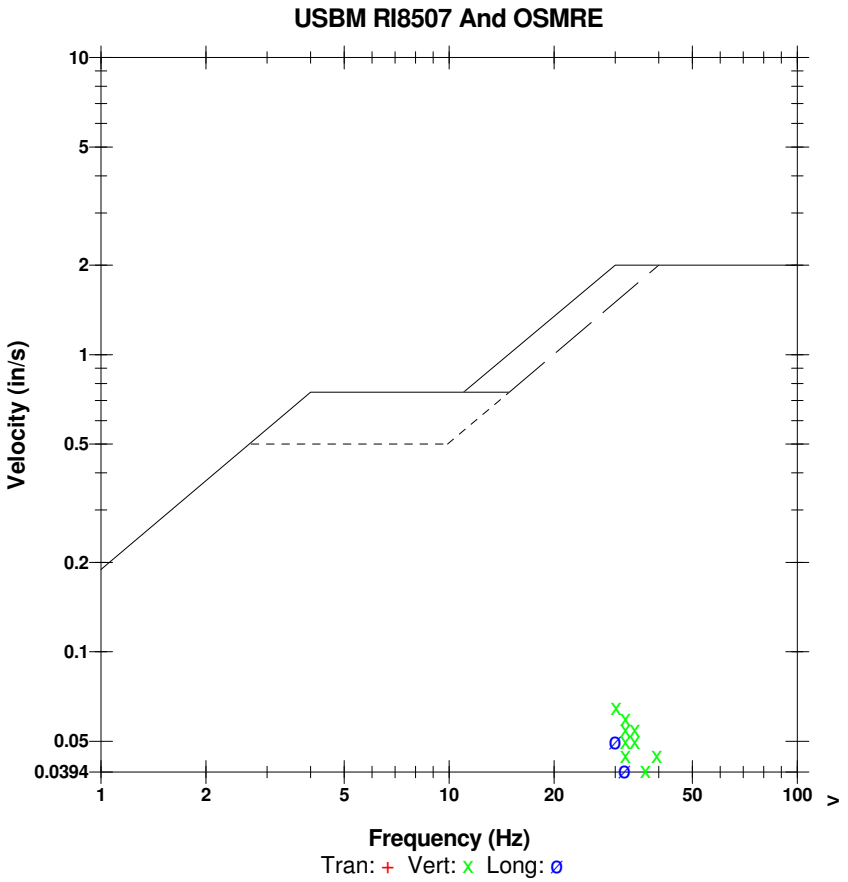
Serial Number	BE13415 V 10.72-8.17 MiniMate Plus
Battery Level	6.3 Volts
Unit Calibration	May 31, 2022 by Instantel
File Name	O415JNFI.JE0

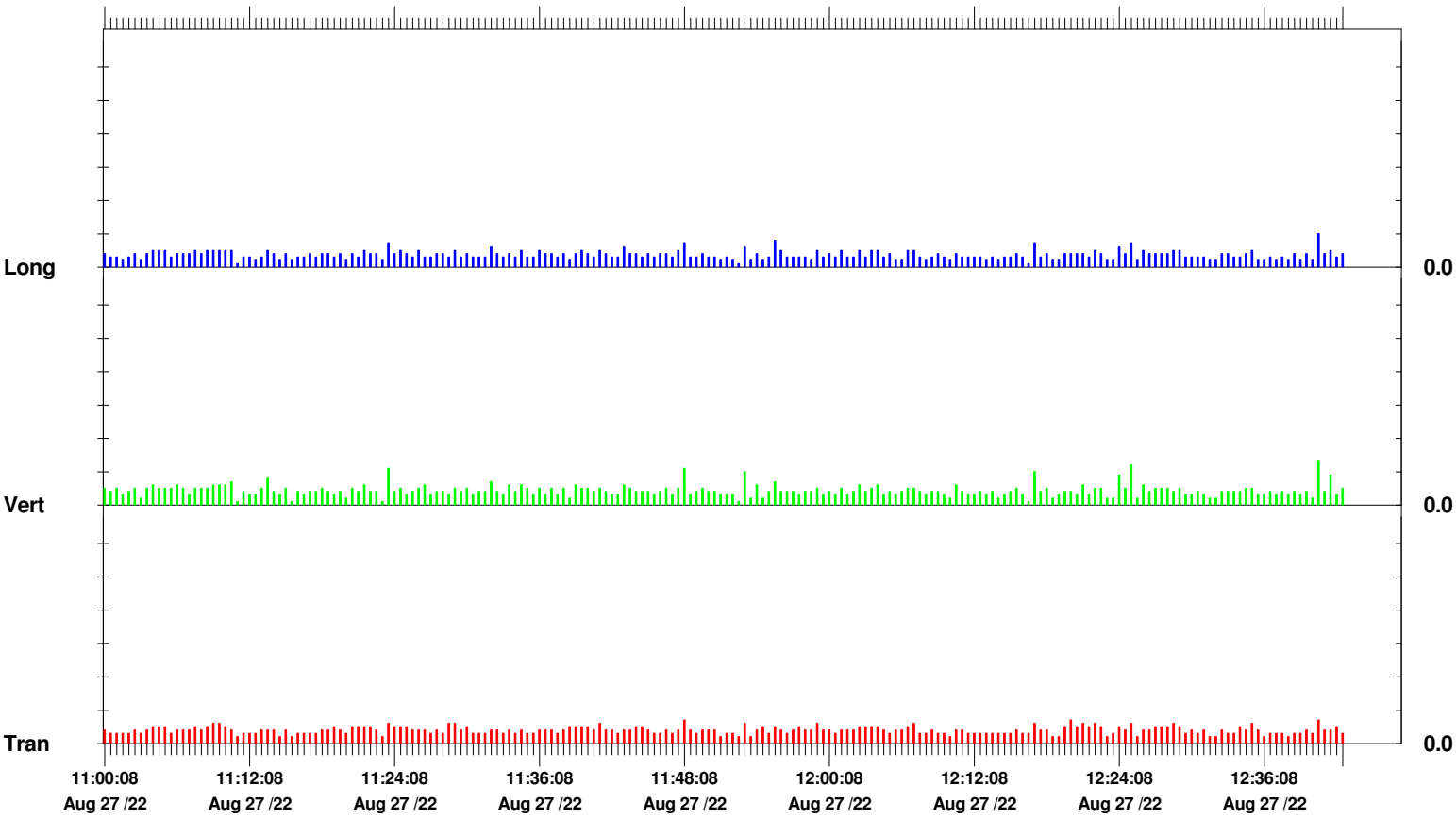
Notes
Location: Seattle, WA
Client: Aspect Consulting
Monitored By: SubTerra Inc. 425-888-5425
Unit Location: M4

Extended Notes:
Project: Utility and Restoration (SUMP0000198) Mount Baker Properties
Scope: Injection Grouting Vibration Attenuation Study

	Tran	Vert	Long	
PPV	0.035	0.065	0.050	in/s
ZC Freq	37	30	30	Hz
Date	Aug 27 /22	Aug 27 /22	Aug 27 /22	
Time	11:47:53	12:40:23	12:40:23	
Sensor Check	Passed	Passed	Passed	

Peak Vector Sum 0.074 in/s on August 27, 2022 at 12:40:23



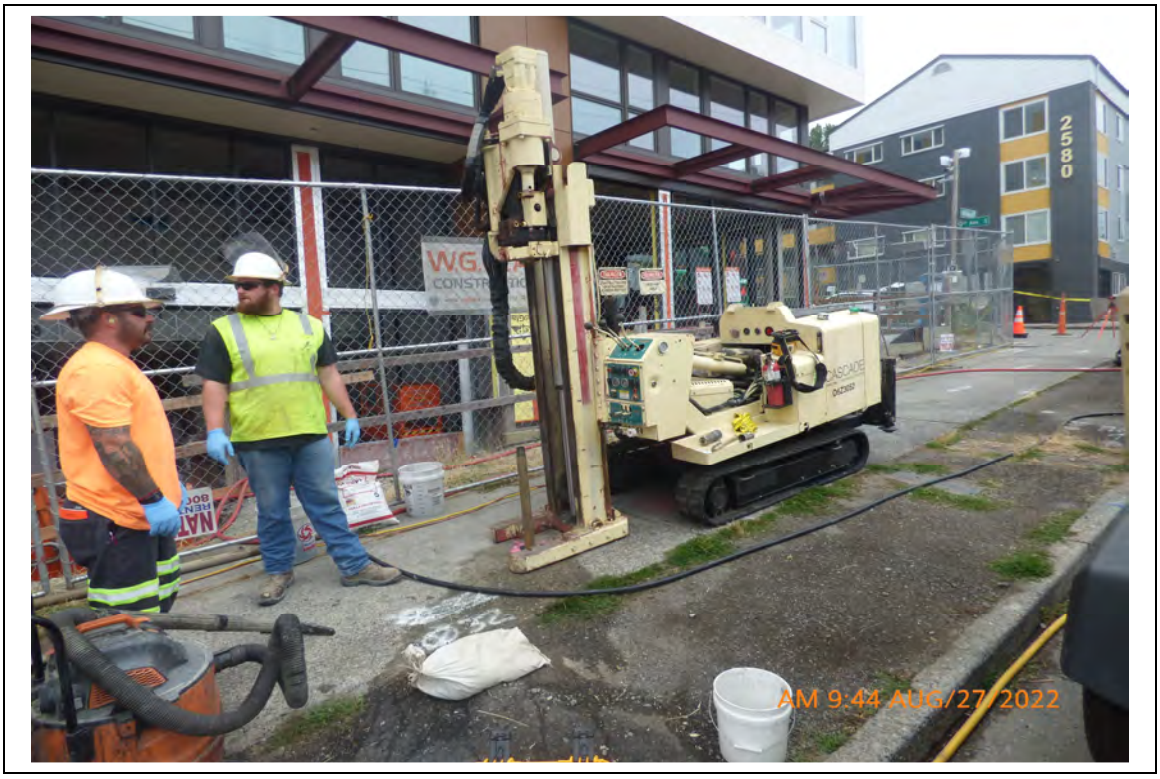


Time Scale: 30 seconds /div **Amplitude Scale:** Geo: 0.050 in/s/div

Format © 1995-2015 Xmark Corporation

Attenuation Layout for IP-30 Northeast to Southwest –
M1=3’ M2=5’ M3=10’ M4=20’
M4 is over a new lateral waterline connecting the North building.

Photos showing located lateral waterline location on the curb.



Mini Drill Rig used to core through ground for grout injection.
The rig is driven via remote control.

Attenuation Layout for IP-31 East to West along fence –
M1=3’ M2=5’ M3=10’ M4=20’
M2 is over a new lateral waterline connecting the North building.

After drilling first lift the drillers poured bentonite chips into the hole.

The attached grout hose and shut off valve used for grouting.

ATTACHMENT C

PREPARERS QUALIFICATIONS

SubTerra, Inc.

Dr. Chris D. Breeds, Ph. D., P.E.

EDUCATION: B.Sc., Mining Engineering (Honors), University of Nottingham, U.K., 1973.
Ph.D., Rock Mechanics, University of Nottingham, U.K., 1976.

AFFILIATIONS:
Member American Institute of Mining Engineers (MSME)
Member American Society of Civil Engineers (MASCE)
Charter Member, Institute of Shaft Drilling Technology (ISDT)
Fellow Institute of Mining and Metallurgy (FIMM)
Director American Rock Mechanics Association (ARMA)
Member, Construction Specifications Institute (CSI)
Chair American Concrete Institute (ACI), Underground Committee 506 Shotcrete.
Member, International Society of Explosives Engineers (ISEE)
Member, National Society of Professional Engineers (NSPE)

REGISTRATION: Registered Professional Engineer (PE), Washington, Colorado, Oregon, Arkansas, Texas, Montana and Nevada: Chartered Engineer, UK. Registered Engineer (Civil Underground and Mining), Israel.

PATENTS: Patent No. 5746,540 Method of Isolating a Nuclear Reactor or Other Large Structures.

EXPERIENCE:

1991 to date	President, SubTerra Inc., North Bend, WA. Managing Director, Sub T Engineers Ltd., Israel.,
1984 to 1991	Associate, Golder Associates Inc., Redmond, Washington.
1979 to 1984	Mining Engineer, International Ground Support Systems Inc., Denver, CO.
1976 to 1979	Assistant Professor, Mining Department, Virginia Polytechnic Institute and State University, Blacksburg, Virginia (VPI & SU).
1973 to 1976	Research Engineer, Mining Department, Nottingham University, U.K.

PROFESSIONAL SUMMARY

Dr. Breeds professional career has exposed him to a unique combination of education, applied research, engineering, and field experience on underground mining, civil and environmental engineering projects. His broad experience includes: subsurface rock mechanics and geotechnical engineering; blasting; mechanical excavation analysis; tunnel engineering; subsidence engineering; shotcrete and concrete technology; feasibility studies and conceptual design for surface and mined facilities; preparation of construction cost estimates, bid documents, and specifications; and project management for both private and government projects. This broad technical expertise is complimented by management experience, which includes incorporating and managing companies in the US and Europe as well as managing large multidisciplinary groups involved in project work.

SubTerra Inc. was set up in 1991 to operate as the focal point for a small network of independent consultants working in the mining, civil, and environmental industries. Sub T Engineers, Ltd. was formed in 2014 to provide similar services in Israel.

EXPERIENCE IN BLAST and CONSTRUCTION VIBRATION MONITORING, VIBRATION PREDICTION, AND EVALUATING IMPACTS FROM VIBRATIONS

Dr. Breeds has been extensively involved in the fields of blasting and construction vibration prediction and monitoring for more than 35 years. His experience includes teaching engineering at university level; preparing vibration analyses for input to EIS and SEPA applications; predicting and evaluating vibration impacts to structures, vibration sensitive equipment, people, and animals; pre-construction property inspections and surveys; vibration monitoring; expert witness and litigation support regarding vibration impacts to structures; vibration damage insurance claims evaluation; developing and selling vibration monitoring equipment and remote data stations; installing and monitoring vibration and geotechnical instrumentation and developing regulations in Washington State for implementation at the State level.

SubTerra, Inc., managed by Dr. Breeds, received the first editions of the latest vibration monitoring products from Instantel which permit direct measurement of vibration dose values and have been actively involved in the development of remote data acquisition and internet based vibration monitoring systems.

Construction Vibration Project Experience

- Modera Project, Northgate WA (Constructed): Responsible for manual vibration monitoring and attenuation studies for alternate pile installation methods and remote monitoring during construction. For Pangeo, Inc.
- Farmington Pump Station, Farmington, OR (in Construction). Responsible for pre-construction condition surveys, vibration criteria report, and remote vibration monitoring during construction of the pump station adjacent to multiple apartment structures. For Emory and Sons.
- 760 Aloha, Seattle, WA (Constructed): Responsible for vibration monitoring of pin pile installation under existing structure and adjacent to column supports and adjacent structures. For R. Miller, Inc.
- Commercial site, Kent, WA (Constructed): Responsible for vibration monitoring for sheet pile installation adjacent to 7/11 and commercial structures. For Pile contractors, inc.
- SCWQP Fremont project, Seattle, WA (Constructed). Responsible for remote vibration monitoring of pile installation. For MDCI.
- Go East Site, Everett, WA (Constructed): Responsible for remote vibration monitoring of development work, including dynamic compaction, adjacent to existing residential areas. For Pace Engineering.
- Renton Airport, Boeing Apron Project, Renton, WA (Constructed): Responsible for remote vibration monitoring of sheet pile wall construction. For Pile Contractors and Pangeo.
- White Pine Lodge, Schweitzer Mountain Resort, Idaho (Constructed): Responsible for remote vibration monitoring of construction inside the resort and adjacent to existing structures. For SMR.
- North Marina Bulkhead Construction, City of Des Moines, WA (Constructed): Responsible for site evaluation and remote monitoring of construction vibrations during bulkhead construction. For Bergerson Construction.
- 6th through 11th Street, Waterfront Bridges, Astoria, OR (Constructed): Responsible for pre-construction building condition surveys, vibration damage assessment and remote vibration

monitoring and reporting for pile and ground supported structures during re-construction of access bridges to the historic Astoria Waterfront. For Legacy Construction.

- NW 52nd at 11th Avenue, Ballard (Constructed): Vibration assessment and criteria report for pavement demolition and utility construction and manual and remote automated vibration monitoring and reporting. For Avenue 55 Developers.
- Ballard Outfall Early Work project, Ballard, WA (Constructed): Responsible for pre-construction building condition surveys, vibration criteria development, manual and remote automated vibration monitoring and reporting for pile driving adjacent to marine structures and buildings. For Redside Construction. LLC
- Grabhorn West Reservoir Project (Constructed), Beaverton, OR: Responsible for pre-construction building condition surveys, vibration criteria development, manual and remote automated vibration monitoring and reporting. For Emery and Sons Construction Group.
- Jefferson Lincoln Elementary School Expansion , Centralia, WA (Constructed): Responsible for vibration criteria and summary report, pre-construction building condition surveys, and remote, automated vibration and monitoring. For Forma Construction and OAC Ltd.
- Boulevard SE Road Construction Project (constructed): Responsible for pilot vibration damage assessment, vibration criteria development, and automated remote vibration monitoring and reporting for stormwater management and road construction work in an area of prior construction vibration complaints. For Landau and the City of Olympia.
- Post Avenue Bridge Replacement, Seattle, WA (constructed): Responsible for pre-construction condition surveys, structure vibration assessment, vibration criteria development and remote, automated vibration monitoring and reporting for historic and modern structures located immediately adjacent to and either side of the project. For IMCO Construction.
- West Seattle Bus Study (constructed): Develop vibration criteria for residents and residential structures and manual and remote vibration monitoring to determine the level of potential impacts of transit busses on adjacent residencies. For the City of Seattle.
- Winters House, Bellevue, WA (in Construction): Prepare vibration criteria report for the historic Winters House subject to construction vibrations from pile driving, fill compaction and tracking equipment and perform long term automated monitoring and reporting. For Shimmick Construction.
- Comcast Building, Spokane, WA (in design): Baseline tests, heel drop tests, walking tests and automated, remote dynamic vibration monitoring as part of a human induced vibration study to determine compliance with vibration tolerance limits. For OAC, Ltd.
- Columbia Condominiums, Olympia, WA (in design): Pre-construction surveys, determine threshold vibration levels, determine site law, and evaluate vibration impacts from pile riving and fill compaction. For the Rants Group.
- 1201 Western Avenue and Unico 51 Buildings (constructed): Responsible for advising on vibration issues and automated vibration monitoring during Alaska Way Viaduct demolition.
- Manchester Pump Station Project (constructed). Responsible for vibration and noise analysis, precondition surveys of adjacent structures, noise monitoring and vibration monitoring during construction of beach lines and three pump stations. For Redside Construction.
- Georgetown Wet Weather Storage (constructed). Responsible for installing crack monitors and remote vibration monitoring during construction. For Titan Earth.
- Vibration monitoring projects near SPU's Cast Iron Water Mains: Responsible for manual vibration monitoring and Contractor/Engineer interaction for over 20 projects working for KC Equipment, Olsen Construction, Mid Mountain Contractors and others.

- Stone Column and Geopier Installation projects, 2017 to 2022, (constructed): Pre-construction surveys, determine threshold vibration levels, determine site law, evaluation of vibration impacts from and remote monitoring and automated reporting of construction vibrations at:
  - Wallace Elementary School, Kelso, WA.
  - Carmax Site, Renton, WA.
  - Wilkerson High School, Wilkerson, WA.
  - Woodin Creek Village, Woodinville, WA.
  - Milwaukie High School, Milwaukie, OR.
  - Worthern St., Wenatchee, WA.
  - Watershed Apartments, Renton, WA.
  - 12th an Yesler, Seattle, WA.
- Ballard Natural Drainage System (constructed). Responsible for preparation of VMP, manual and remote monitoring of vibrations with automated data reporting via SubTerra's MyDataView cloud portal. For Jansen, Inc.
- Box Canyon Dam (constructed). Responsible for preconstruction inspection of the dam, switchyard, auxiliary spillway and turbine building and blast design and blast monitoring of the turbine house and auxiliary spillway. For J.W.Fowler.
- Amtrak Station (constructed). Responsible for analysis of vibration impacts for pile installation for the station expansion. For Granite Construction.
- Friday Harbor Waterline (constructed). Responsible for vibration analysis, preparation of VMP, and vibration monitoring.
- Tacoma Yacht Club (in construction). Responsible for remote vibration monitoring at the Yacht Club during adjacent areal re-construction. For 1-Alliance.
- Sound Transit Maintenance of Way Building, King Street (constructed). Responsible for remote monitoring two automated vibration monitoring systems. For Forma Construction.
- 255 S. King Street. Responsible for remote vibration monitoring using two automated vibration monitoring systems. Oversee technician operated vibration and inclinometer monitoring for commercial development project adjacent to King Street Station and north of Century Link Field, with daily reporting. For SODO Builders in Seattle, WA.
- Columbia Heights mixed use development, Olympia, WA (constructed). Responsible for remote monitoring of construction vibrations at two adjacent structures. For Andrew Clapham & Associates and Chinn Construction.
- Boeing 777X Facility, Everett, WA (constructed). Project Manager for vibration monitoring and vibration attenuation study of roller, breaker and hoe pac. Remotely monitored vibrations on roof of 40-37 building in search of vibration source interrupting function of building HVAC system.
- City of Ketchikan, AK Timber Dock Repairs Births 1 and 2, Phase 3 (constructed). Project Manager for pre-construction surveys of five buildings nearest pile driving operations. Remote monitoring using three seismic monitoring stations with dual strobe light alarm. For PND Engineers, Inc.
- Ridley Island, Prince Rupert, BC, Canada (constructed). Ridley Transportation Corridor Construction –Phase 1, Zone 2. Installed and remotely monitoring blasting vibrations at nearest structure. For Coast Industrial Construction.

- North Beach CSO, Seattle, WA (Constructed). Microtunnel Engineer and Project Manager for pre-construction exterior condition surveys of five residential structures and a storm water detention cell. For Stellar J.
- Austin Power Plant Demolition (constructed): Responsible for evaluating impacts to offsite structures resulting from planned power plant demolition, remote vibration monitoring and reporting and presentations at public meetings.
- SR520 Floating Bridge (constructed): GIE responsible for Precondition bridge surveys, AMTS, Tiltmeter, and Vibration Monitoring of existing bridge during pile installation and construction of new bridge immediately adjacent (within 15-ft) of the existing structure. Data provided via internet and cell phone by cloud based servers running ARGUS and MyDataView
- 1531 Utah, Seattle (constructed): Responsible for evaluating vibration impacts from deep (> 100-ft) pile driving operations on the Massachusetts Substation and adjacent winery and for remote, internet based vibration monitoring and cell/e-mail notification of vibration level exceedance. Vibration measurements were used to demonstrate the utility of pre-drilling to minimize vibration levels and eliminate impacts to the substation. For SODO Contractors.
- Westlake/Mercer Project (constructed). Responsible for developing vibration criteria for demolition, concrete breaking, pile driving, and compaction adjacent to three historic buildings (1927 to 1947); conduct pre-construction surveys; design and install remote vibration monitoring stations, threshold and limit alarm system reporting via internet; install crack gages and crack monitors; remote and manual monitoring during construction. For URS and Conoco Phillips.
- Portland International Airport (constructed): Instrument installation and remote, web-based monitoring of vibrations in the control tower due to adjacent pile driving. The control tower contained vibration sensitive radar equipment used to track all movements within 50-ft of the ground surface. Monitoring, with remote, internet based cell and e-mail notification to onsite Contractor and Owner staff was required to maintain the radar systems operability. For Port of Portland and FTA.
- Bellevue Place, WA (constructed): Responsible for pre- and post-construction surveys of Bellevue Place subject to construction vibrations from moving heavy equipment in the parking garage and tunnel operations that increased allowable floor loads by a factor of 30. Impacts were mitigated by floor shoring and isolating the construction operations so that no complaints were made by businesses or hotel residents. For Kemper Development.
- Snoqualmie River Channel Widening at Snoqualmie Falls (constructed): Performed pre-construction surveys for historic 1902 power plant and hotel facilities and vibration monitoring during mechanical rock removal (impact hammer, spud drop, rock ripping) for this channel-widening project adjacent to the Salish Lodge at Snoqualmie Falls. For Goodfellow Brothers.
- Meydenbauer Bay, Bellevue, WA (ongoing): Responsible for pre-construction surveys and remote monitoring of vibrations for three apartment complexes adjacent to sheet pile driving operations. For City of Bellevue.
- Trojan Nuclear Reactor Containment Building Demolition (constructed): Responsible for installing instrumentation to monitor vibrations at the proximate spent fuel storage facility during impact hammer demolition of this Nuclear Power Plant's Containment Structure. For Northwest Demolition.
- Building Damage Litigation Support, City of Seattle, WA: Responsible for evaluating and developing opinions regarding the potential for construction activities (concrete breaking, compaction, etc.) to damage a residential structure. Included an evaluation of the effects of recent earthquakes on structural damage in the Seattle area.

- Stage 1, I405 Construction (Constructed): Responsible for screening 140 structures as a precursor to more detailed pre-construction condition documentation of several potentially at risk buildings. For Peter Kiewit and Sons.
- Hazelwood Elementary (Constructed): Responsible for pre-construction inspections, and monitoring of rock excavation and rock breaking work that was eventually carried out using heavy rock breakers. For Renton School District.
- Fredonia to I-5 Improvements: Test Pile monitoring and evaluation of vibration magnitudes from diesel hammer pile driving and remote, internet based, vibration monitoring and cell/e-mail notification of vibration criteria exceedance.
- Interstate 5 at Exit 88: Test pile monitoring to develop the relationship between vibration magnitude and distance and remote, Internet based vibration monitoring of APE vibratory hammer installed 4-ft diameter steel pipe piles during bridge abutment construction.
- I-405 Renton (constructed): Responsible for monitoring vibrations associated with 5-ft diameter pile installation using an oscillating driver. For Malcolm Drilling.
- Peace Arch, Blaine, WA (constructed). Responsible for monitoring vibrations during installation of large diameter piles installed to support the Peace Arch Bridge. For Malcolm Drilling.
- Ketchikan Cruise Ship Dock Project (constructed): Responsible for pre-construction surveys and evaluating potential impacts to surrounding structures from pile installation using diesel and vibratory hammers. For PND Engineers.
- South Fork Bridge, North Bend, WA (Constructed): Responsible for evaluating vibrations from an Oscillating Pile Driver that was used to construct new bridge piers adjacent to the Snoqualmie River. For Malcolm Drilling.
- Tacoma Narrows Bridge (Constructed): Responsible for evaluating vibrations from an Oscillating Pile Driver that was used to construct new bridge piers at the abutment of the Tacoma Narrows Bridge. For Malcolm Drilling and PKS.
- Preston Bridge, Preston, WA (Constructed): Responsible for monitoring vibrations from an Oscillating Pile Driver that was used to construct new bridge piers adjacent to the Raging River and preparing a report documenting vibration effects associated with this method of construction. For Malcolm Drilling.
- University of Washington Field House (Constructed): Responsible for evaluating vibration impacts on proximate structures and monitoring vibrations from pile driving at this construction site adjacent to the University Football stadium (piles within 10-ft of stadium foundation). Involved test pile monitoring, recommendations for full-scale construction and monitoring during construction. For Baugh Construction and Agra Foundations.
- SR 18 Slide Repairs (constructed): Responsible for establishing construction sequencing criteria based on vibrations form driven test piles, monitoring during construction, and final reporting of compliance with design criteria to owner. For Condon Johnson, Inc.

Evaluating Vibration Effects and Impacts to Fish and Wildlife

- Forest Road Repairs at the Suiattle River (Constructed 2013): Retained to evaluate in-water impacts from impact hammer breakage of rock slated for blasting adjacent to the Suiattle River and for monitoring water overpressure during construction targeting a maximum overpressure of 2.6 psi.
- Cheeseman Dam, CO (constructed 2010): Retained as CO Professional Engineer to analyze underwater blast effects on installed downstream valves and design blast bag and bubble curtain protection system. Underwater blasts were successfully detonated inside and above

the upstream portals within 65-ft of the downstream valve structures without any impacts to fish in the lake. See ISEE Professional Paper 2012.

- Cushman Dam (constructed 2012): Retained to evaluate and monitor in water blast effects and overpressure from near shore blasts downstream and at the base of the dam.
- Klamath Lake, Williamson Delta Restoration (constructed): Responsible for preparing the in-water blasting permit for this project that involved detonating over 200,000 lbs of explosives in earth berms surrounding Klamath Lake in Oregon. This involved a prediction of in-water pressures resulting from blasting, an evaluation of potential impacts to fish, and blast vibration monitoring. For the Nature Conservancy.
- Snoqualmie River Channel Widening at Snoqualmie Falls (Constructed): Retained for this USACE sponsored project to evaluate impacts to fish from blasting and, as an alternate, mechanical removal (spud drop and impact hammer) of rock both underwater and above the OHW at Snoqualmie Falls, WA.
- Goodwin Quarry (constructed): Responsible for developing the blasting input to the EIS and SEPA documentation for the Goodwin Quarry constructed near an existing natural gas pipeline in Whatcom County. Designed and implemented a Test Blast as part of the EIS process that incorporated dynamic pore pressure measurements adjacent to the blast and at locations in the adjacent ancient landslide area. For Land Technologies and Trillium Corporation.
- Yakima River Bridge (constructed): Responsible for in-water, hydrophonic monitoring of piles being driven in the Yakima River as part of a bridge construction project. For City of Yakima and WSDOT
- Ward's Cove Marina, Seattle WA. Provided hydro-acoustic monitoring and analysis for vibratory hammer installation of steel piles in Lake Union. For Waterfront Construction.
- EDAW Corporation: Responsible for evaluating the potential effects of blasting on a nearby seal colony during construction of a new radar tower on this Aleutian Island.

SUMMARY EXPERIENCE IN GEOTECHNICAL ENGINEERING

Over the past three decades, Dr. Breeds has provided geotechnical engineering services, in soil and rock, for underground mining and tunneling, and surface civil engineering applications. He has been involved with site investigation, geotechnical data reduction, preparation and review of geotechnical baseline reports, analysis of geotechnical data for input to design, slope stability assessments including wall design, and surface water management design. Dr. Breeds has served as a Director of the American Rock Mechanics Association.

- As President and Chief Engineer of SubTerra, Inc., Dr. Breeds is the Responsible Engineer for more than 20 SEPA Projects that involved site characterization/investigation; slope stability assessment; surface water management, including sediment and infiltration pond design; and other geotechnical work products.
- Tieton Dam Project: responsible for preparing PTI based submittals for rock bolt and rock anchor installation and testing, rock bolt installation and grouting, and rock bolt testing. Wallace Technical Blasting and Mountain States Construction.
- Howard Hansen Dam Project: Evaluation of potential impacts of groundwater on rock bolt reinforced slopes. Responsible for installing and monitoring slope stability instrumentation.
- Busted Butte (Nevada Test Site, Nevada): Responsible for highwall slope stability analysis and design of rock bolt and shotcrete wall support. US DOE.
- Home Depot Shotcrete wall: Responsible for evaluating the post-construction condition and proposed repair for a Shotcrete retaining wall, including rock anchors for permanent support.
- City of Issaquah - MDRT Review Consultant: Responsible for geotechnical review of consultant work products for the Talus and Issaquah Highlands projects. Over 40 projects:
  - − Soil Nail, Soldier Pile and MSE retaining walls and Rockeries
  - − Coal mine hazards
  - − Steep Slope CAS Standards
  - − Reservoir stability
  - − Slope Stability
- University of Washington: Invited lecturer in geotechnical aspects of site characterization and exploration, subsurface excavation and tunnel design in soil and rock.
- Site Investigation, Geotechnical Assessment, Expert Testimony and Design and Preparation for Geotechnical Baseline reports for more than thirty (40) shaft and tunnel projects in the US and Canada.
- Geotechnical Assessment, Penetration Rate and Production Estimates for more than twenty (20) large diameter drilled shaft projects in soil and rock.
- Barton Creek Cliff: Responsible for evaluating rock fall hazards to hikers and climbers from cliff adjacent to hiking trail, design dental blast rock removal, rock bolt and slope drape support.
- City Lake Shaft and Tunnel Access: Geotechnical review, Design of slide rail, rock bolt, shotcrete and mesh support for access shaft and tunnel.

EXPERIENCE IN INSTRUMENTATION AND DATA ACQUISITION

Over the past three decades, Dr. Breeds has provided Instrumentation Services for civil tunneling, underground mining, geotechnical engineering and blast monitoring projects. He has been involved with structural and geotechnical monitoring instrumentation throughout his career with programs ranging from simple SONDEX installations to a system involving a 3,000 channel DAS. This work has been undertaken for clients ranging from State (WSDOT, Seattle Public Utilities) and Federal agencies (e.g., USACE), to large and small Contractors to National Laboratories (e.g., Los Alamos National Laboratory, Sandia National Laboratory).

Under his guidance, SubTerra has developed and deployed their own cloud based data management platform, MyDataView, which is designed to handle both static and dynamic data including dynamic vibrating wire data available through the new Campbell Scientific interface.

- Rainier Wet Weather South Project (constructed):): Geotechnical Instrumentation Engineer responsible for installation and monitoring of VW single point borehole extensometers around shafts and welded VW strain gages, and MEMs tiltmeters inside shafts installed for tunnel access in the center of a very busy main road in Seattle, WA. The instrumentation must operate when the shafts are covered during peak travel periods.
- Amats Road Project (in construction): GIE responsible for installation and automated measurement of concrete embedment gages in pre-cast concrete road slabs to evaluate the in situ performance of steel fiber reinforcement and shredded rubber tire aggregate under full load conditions. Three year monitoring program.
- Turkish Alignment, Redline Project (constructed): Geotechnical Instrumentation Engineer responsible for the design and tender preparation for instrumentation and monitoring along the Turkish Alignment from the Herzl shaft to the Elefelet Station including 600 meters of cut and cover tunnel. Responsible for damage assessment for over 100 historic structures.
- Napa, CA Flood Control Project (constructed): GIE responsible for Tiltmeter and Vibration Monitoring of River Wall, Hotel, Winery, Residential and Commercial structures adjacent to sheet pile driving and excavation on the Napa, CA City Center. Data provided via internet and cell phone by cloud based servers running ARGUS and MyDataView.
- Los Angeles Metro, California (constructed). Project Management Oversight Consultant for the US FTA on this award winning project constructing station box structures and twin subway tunnels under shallow cover in east Los Angeles. Project included continuous monitoring of tilt and displacement around the temporary, braced station box structures and monitoring of structures above the tunnel alignment.
- SODO, Seattle (constructed): GIE responsible for tilt, displacement and vibration monitoring of deep braced excavation in soils adjacent to road, utilities and high rise structures in downtown Seattle. Site subject to potential impacts from 17m EPB driven tunnel. Data provided via internet and cell phone by cloud based servers running ARGUS and MyDataView
- SR520 Floating Bridge (constructed): GIE responsible for Precondition bridge surveys, AMTS, Tiltmeter, and Vibration Monitoring of existing bridge during pile installation and construction of new bridge immediately adjacent (within 15-ft) of the existing structure. Data provided via internet and cell phone by cloud based servers running ARGUS and MyDataView.

  Contact: Mr. Brock Lindsay, Project Manager, Mowat American JV, 206-947-0840

- Hyak I-90 Expansion Phase 1C (in construction): GIE responsible for monitoring AMTS and 100-ft long rock anchors instrumented with 5-ea vibrating wire sister bars, data acquisition (CR1000), and data distribution via server/internet and ARGUS. For WSDOT.

  Contact: Mr. Tom Badger, State Geotechnical Engineer, WSDOT, 360-628-6143

- Skagit River Bridge (constructed): GIE responsible for monitoring vibrations and dynamic displacement on existing Interstate 5 bridge during emergency bridge replacement after bridge destroyed by over-height truck. Data provided via internet and cell phone by cloud based servers running MyDataView.

  Contact: Mr. Kelly Griffith, Max Kuney Company, 509-535-0651

- Ketchikan Dock Replacement (constructed): Responsible for pre-condition inspections, monitoring vibration and dynamic structure displacement, and automatic notification of vibration exceedances for businesses located adjacent to major dock replacement and expansion project in Ketchikan, AK. Data provided via internet and cell phone by cloud based servers running MyDataView.

  Contact: Mr. Todd Belsick, Project manager, PND Engineering, 206-624-1387

- Merwin Dam (constructed): GIE responsible for installing and monitoring in place inclinometers, beam tiltmeters and vibration monitors installed on control building and retaining structures during excavation beneath the structure and through the river wall. This project was continuously monitored with 99.99% data availability for over a two year period with readings every 15 minutes on the MEMS sensors and every 5 minutes on vibration monitors with visual, sound, and internet based notification of exceedances on all instruments.

  Contact: Mr. Steve Flett, Slayden Construction, 503-769-1969

- Hyak I-90 Expansion Phase 1B (constructed): GIE responsible for installing and monitoring 100-ft long rock anchors instrumented with 5-ea vibrating wire sister bars, solar powered data acquisition (CR1000), and data distribution via server/internet. This project has been continuously monitored for over 3-years with 99.99% data availability and without maintenance.

  Contact: Mr. Kelly Griffith, Project Manager, Max Kuney Company, 509-535-0651

- USACE Howard Hanson Dam (Constructed): GIE responsible for the planning, installation and monitoring of Multipoint Borehole Extensometers to monitor wall deflections during reaction plane strengthening. Local DAS and internet based data viewing.

  Contact: Mr. Dave Wright, USACE, 253-966-4385

- Ebey Slough (Constructed): GIE for remote vibration and piezometric monitoring during stone column installation. Piezometer data reported daily via automated data acquisition system (ADAS) and internet using SubTerra's server based data management system.

- PCCC MKT Gravel Mine (Constructed): GIE for remote piezometric monitoring of stream levels and groundwater elevation at this operating gravel mine using SubTerra's ADAS and server based data management systems.

  Contact: Mr. Bill Kombol, President, Palmer Coking Coal, 425-

- Howard Hanson Dam (Constructed): GIE responsible for the planning, installation and monitoring of Inclinometers, Piezometers, Multipoint Borehole Extensometers, and Load Cells to monitor support loads and wall deflections during cofferdam excavation. Utilized 3, Geomation 2380-80 MCUs for data acquisition. For Traylor Pacific.

  Contact: Mr. Steve Meyerholz, USACE, 253-966-42385

- Leominster Bridge (Constructed)): Responsible for planning, installation and monitoring of fiber optic, dynamic structure monitoring system designed to evaluate the pre and post-tensioned performance of this 1880 stone bridge. Data acquisition and presentation via the internet. For Atkinson-Noland.
- Tieton Dam Project: Responsible for preparing PTI based submittals for rock bolt and rock anchor installation and testing, rock bolt installation and grouting, and rock anchor performance testing to 200 kips. Wallace Technical Blasting and Mountain States Construction.

  Contact: Mr. Jerry Wallace, President, Wallace Technical Blasting, 360-921-4308.
- Rolls Royce Hucknall: Involved the instrumentation of large structures, hangars, precision machinery used in jet engine manufacturing, runway and gas pipeline during coal mine undermining.
- Specialist sub-consultant to the UK National Coal Board for monitoring displacement over access tunnels using manually monitored MPBX.
- Specialist sub consultant to the UK National Coal Board for instrumenting residences, schools, hospitals, and industrial complexes subject to subsidence from longwall coal mining.
- Specialist subcontractor to Los Alamos National Laboratory, EES-13, Las Vegas. Supporting the design and management of Exploratory Testing at Yucca Mountain, NV for the nation's High Level Nuclear Waste disposal program. Included 15 separate in situ test assignments with manual and automatic data acquisition.
- Assistant Project Manager, Underground Testing, PI Shaft Instrumentation: Responsible for managing and directing technical efforts of multidisciplinary group (geology, hydrology, rock mechanics, ADAS, thermomechanical) developing the instrumentation and testing program for multi-million testing program accessed by 3,000-ft deep shafts in salt.

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- Breeds, C.D., 2015. Bellevue SEM, A Tale of Two Tunnels. Cutting Edge Conference on Urban Tunneling, Denver, CO, September 2015.
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- Girard, Liebman, Breeds, and Doe. Editors: Pacific Rocks. Rock Around the Rim. Proceedings of the 2000 American Rock Mechanics Conference, Seattle, WA.
- Mills. R., Breeds, C.D., Archibeque, S., and Dowling, G. Subsidence Experience at Twentymile Coal Company. Paper presented at American Rock Mechanics Conference, Vail Colorado, June, 1999.
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- Webb, R. and Breeds, C. D. Soft Ground EPBM Tunneling - The West Seattle, Alki Tunnel. Proceedings Tunneling 97, London, UK.
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- Breeds, C.D., et al., 1996. "Predicting Settlement for EPBM Driven Soft Ground Tunnels Using Probabilistic Methods." Keynote Paper, Conference on Tunnels and Deep Excavations, Jakarta, Indonesia, April, 1996.
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- Breeds, C.D. and B.N. Whittaker. "A Critical Analysis of Contemporary Methods of Controlling Mine Subsidence Damage", 6th International School of Rock Mechanics, Kracow, Poland, February, 1979.
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APPENDIX K

MicroZVI Specifications

S-MicroZVI Specification Sheet

S-MicroZVI Technical Description

S-MicroZVI® is an *In Situ* Chemical Reduction (ISCR) reagent that promotes the destruction of many organic pollutants and is most commonly used with chlorinated hydrocarbons. It is engineered to provide an optimal source of micro-scale zero valent iron (ZVI) that is both easy to use and delivers enhanced reactivity with the target contaminants via multiple pathways. S-MicroZVI can destroy many chlorinated contaminants through a direct chemical reaction (**see Figure 1**). S-MicroZVI will also stimulate anaerobic biological degradation by rapidly creating a reducing environment that is favorable for reductive dechlorination.

Sulfidated ZVI

S-MicroZVI is composed of colloidal, sulfidated zero-valent iron particles suspended in glycerol using proprietary environmentally acceptable dispersants. The passivation technique of sulfidation, completed using proprietary processing methods, provides unparalleled reactivity with chlorinated hydrocarbons like PCE and TCE and increases its stability and longevity by minimizing undesirable side reactions.

S-MicroZVI is Best in Class For

- ☑ Longevity
- ☑ Reactivity
- ☑ Transport

In addition to superior reactivity, S-MicroZVI is designed for easy handling that is unmatched by any ZVI product on the market. Shipped as a liquid suspension, S-MicroZVI requires no powder feeders, no thickening with guar, and pneumatic or hydraulic fracturing is not mandatory. When diluted with water prior to application, the resulting suspension is easy to inject using either direct push or permanent injection wells.

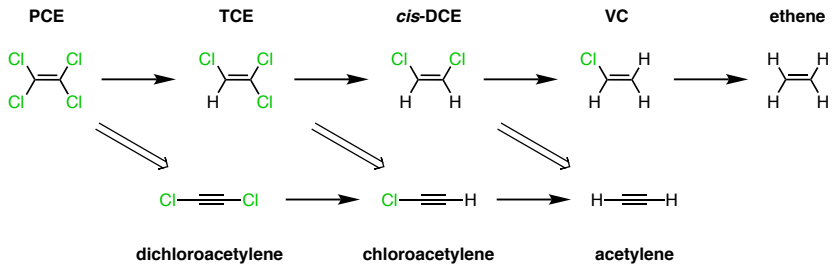

Figure 1: *Chlorinated ethene degradation pathways and products. The top pathway with single line arrows represent the reductive dechlorination (hydrogenolysis) pathway. The lower pathway with downward facing double line arrows represent the beta-elimination pathway.*

To see a list of treatable contaminants, view the S-MicroZVI treatable contaminants guide.

S-Micro ZVI
Sulfidated Zero-Valent Iron

S-MicroZVI Specification Sheet

Chemical Composition

Iron, powders CAS 7439-89-6
Iron (II) sulfide CAS 1317-37-9
Glycerol CAS 56-81-8

Properties

Physical State: Liquid
Form: Viscous metallic suspension
Color: Dark gray
Odor: Slight
pH: Typically 7-9 as applied
Density: 15 lb/gal

Storage and Handling Guidelines

Storage:

- Use within four weeks of delivery
- Store in original containers
- Store at temperatures below 95F°
- Store away from incompatible materials

Handling:

- Never mix with oxidants or acids
- Wear appropriate personal protective equipment
- Do not taste or swallow
- Observe good industrial hygiene practices

Applications

S-MicroZVI is diluted with water on site and easily applied into the subsurface through low-pressure injections. S-MicroZVI can also be mixed with products like 3-D Microemulsion® or PlumeStop® prior to injection.

Health and Safety

The material is relatively safe to handle; however, avoid contact with eyes, skin and clothing. OSHA Level D personal protection equipment including: vinyl or rubber gloves and eye protection are recommended when handling this product. Please review the Safety Data Sheet for additional storage, and handling requirements here: S-MicroZVI SDS.

REGENESIS®

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APPENDIX L

Injections Photo Log

29th Avenue South Pilot Test Injections

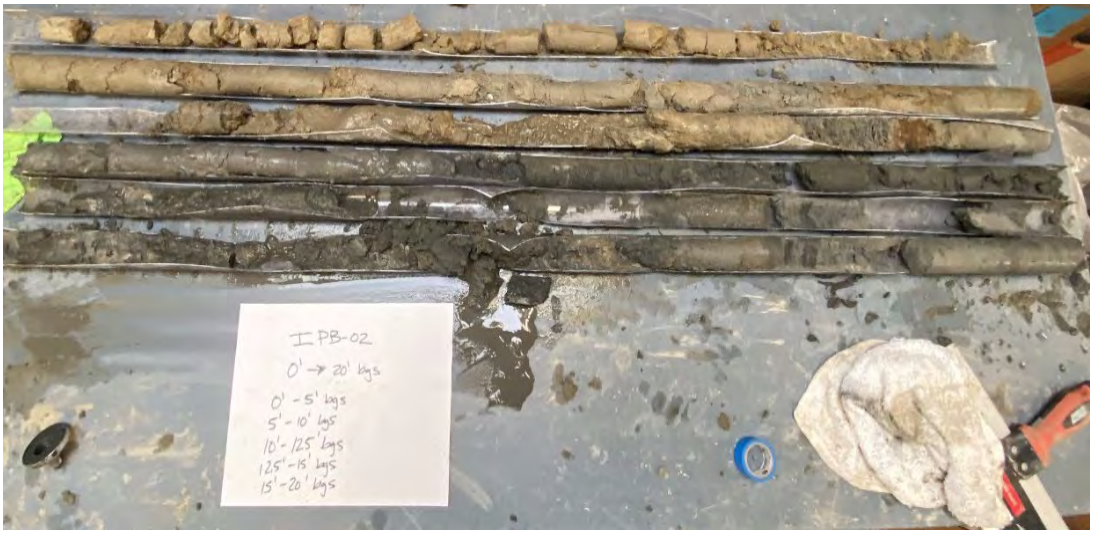
Photograph 1. Injection at IJ-01, looking south along 29th Avenue South. The large trailer on the left side of the photo houses the injection mixing tanks and pumps. The MicroZVI is shipped in 5-gallon buckets and then mixed with potable water contained in the two large totes pictured. Once mixed on the injection trailer, the reagent is pumped to the drill rig through the hose as shown.

Photograph 2. Injection tooling. Spring remains extended, keeping injection ports closed while conical point at the bottom of the assembly (not pictured) is advanced through soil. Once the desired injection interval is reached, pressure from the injection system overcomes the force of the spring and reagent is released from four holes in the tooling.

Photograph 3. Reagent leakage from east shoring wall during injection at IJ-02. Black staining visible along pile on right of photo and from plates in center of photo.

Photograph 4. Injection at IJ-06. On the right side of the photo, you can see the injection trailer, including the stainless-steel mixing tanks where MicroZVI is combined with potable water to create the appropriate injection density.

29th Avenue South Full Scale Injections



Photograph 5. Soil cores from injection performance at boring IPB-02. The cores show emplacement of ZVI in the 12.5 ft to 20 ft below ground surface (bgs) intervals. The liquid from the middle of the bottom of the bottom core is the injected S-MicroZVI suspended in water.

Photograph 6. A close-up of the core from IPB-02 at approximately 14 ft bgs. In denser stratigraphies, such as the weathered Pre-Fraser and siltier portions of the Recessional deposits, significant preferential flow paths were observed in each core.

Photograph 7. A close-up photo of the less dense Recessional deposits. Towards the top of the saturated zone, and particularly in the Recessional deposits, placement of the reagent tended to be more uniform.

Photograph 8. Another close-up photo showing placement of the reagent.

Photograph 9. Even within the less dense stratigraphic units, placement of S-MicroZVI was noted to occasionally form what appeared to be preferential flow paths.

Photograph 10. Additional photograph showing the distribution of S-MicroZVI in the soil core.

Photograph 11. Seep at location P32, showing evidence of reduced groundwater conditions (iron staining) and bacterial growth.

Photograph 12. A close-up photo showing the bacterial growth.

Photograph 13. Reduced groundwater conditions observed at pile P29 at an approximate elevation of 65 feet. The formation of a biogenic iron sheen indicates increased reducing conditions and microbial activity at this location, which was where the highest detections of tetrachloroethene (PCE) were encountered in sidewall soil sampling.

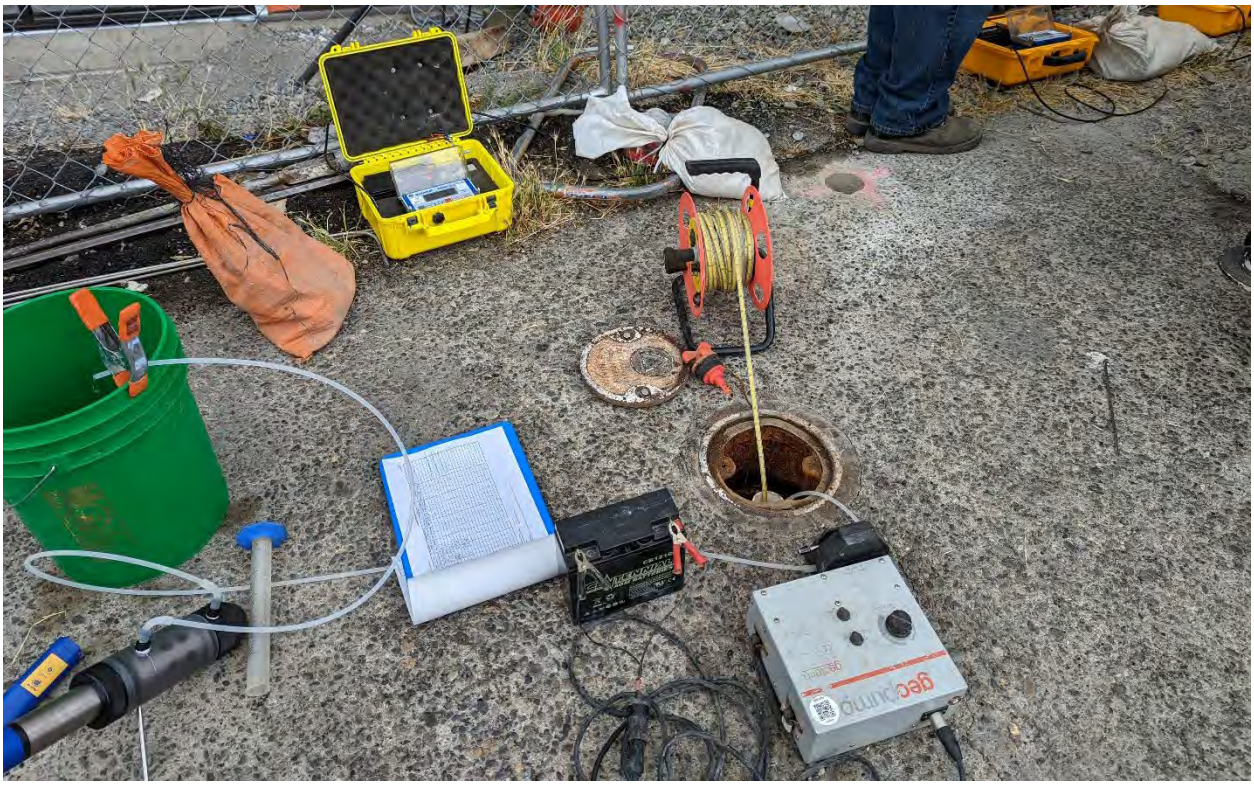
Photograph 14. Facing southeast corner of excavation. Reduced groundwater, as indicated by iron staining, is present along the south excavation wall, extending approximately 16 feet from the southeast corner.

McClellan Injections

Photograph 15. Trailer used by drillers to make ZVI solution.

Photograph 16. Mixture of the S-MicroZVI solution.

Photograph 17. Drillers injecting ZVI at the corner of South McClellan Street and 29th Avenue South.



Photograph 18. Dose-Response monitoring at HC-MW-05.

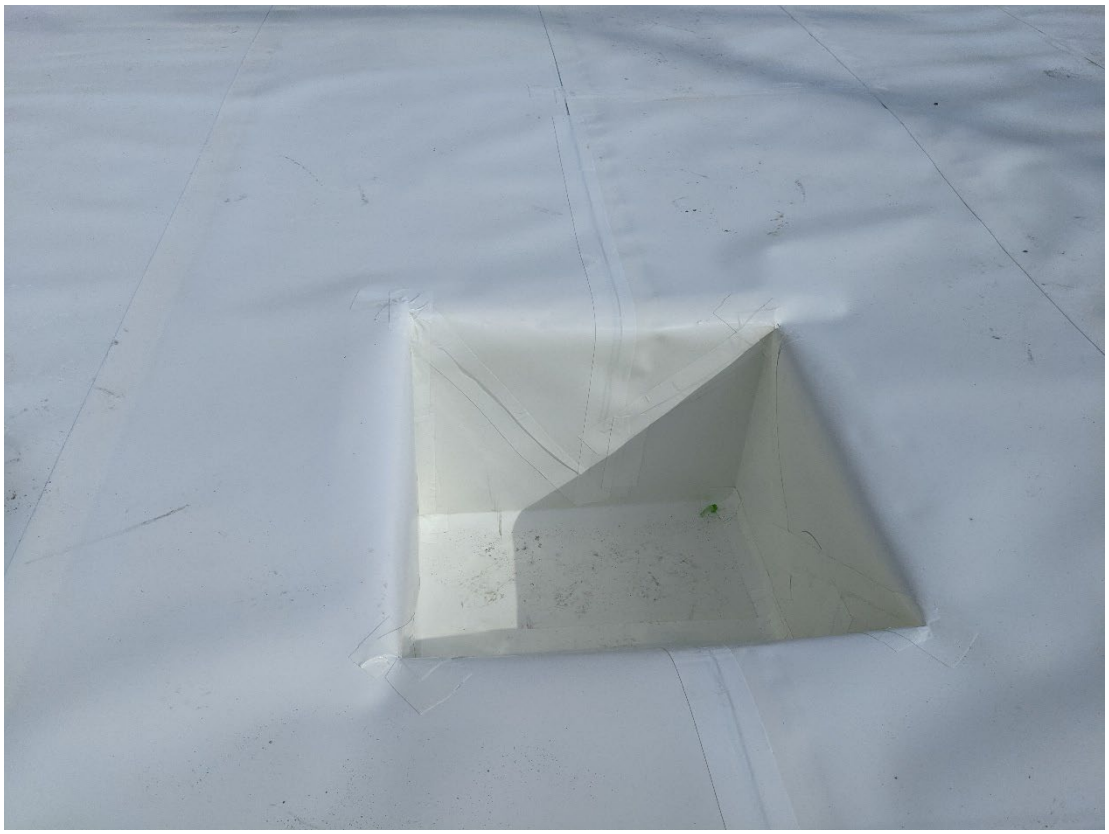
Photograph 19. Vibration Monitoring Setup

APPENDIX M

Chemical Vapor Barrier Product Sheets and Installation Photograph Log

Maddux North Vapor Barrier

Photograph 1. Application of vapor barrier along the eastern wall and the elevator pit. Photo facing east.

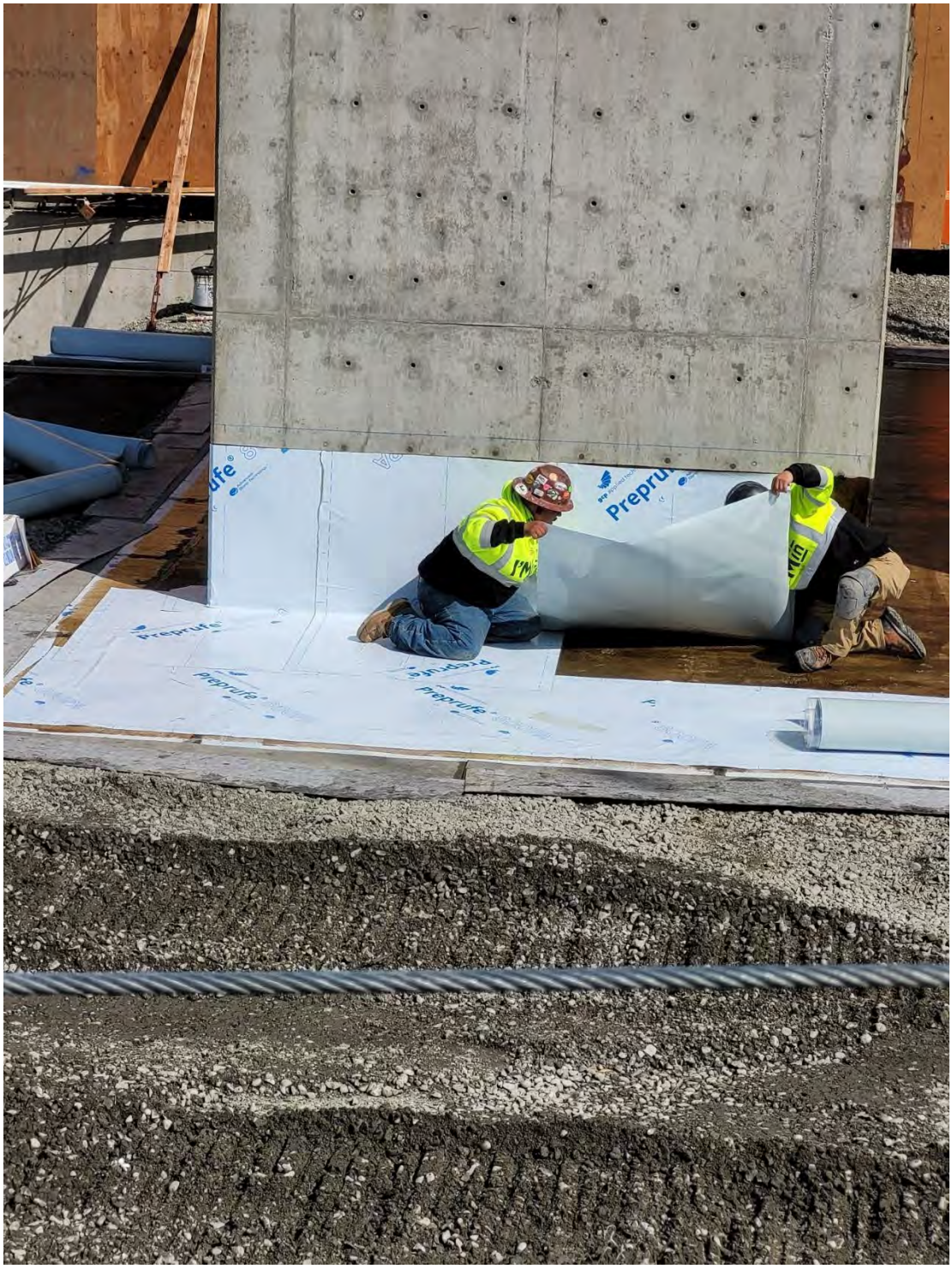


Photograph 2. Application of vapor barrier in the elevator pit, showing covered seams.

Photograph 3. Application of vapor barrier along the excavation sidewalls, showing cutouts for tiebacks.

Photograph 4. Application of vapor barrier along the excavation sidewalls, showing cutouts for tiebacks (looking north).

Photograph 5. Application of the vapor barrier along the walls of the excavation, looking north. Black material shown is the drainage composite material.



Photograph 6. Application of vapor barrier around the elevator shaft.

Photograph 7. Rebar being set around the excavation sidewalls in preparation for shotcrete application (looking northeast). The wood boxes were closed and wrapped with the chemical vapor barrier since tieback heads were not completely removed after they were destressed.

Photograph 8. Application of vapor barrier around the elevator shaft.

Photograph 9. Application of sealant around the elevator shaft in preparation for tie in of 800PA Preprufe® material with 300A Preprufe® material.

Maddux South Vapor Barrier

Photograph 10. Application of vapor barrier along the eastern sidewall of the excavation (looking south).

Photograph 11. Application of vapor barrier along the eastern and southern sidewalls of the excavation (looking south).

Photograph 12. Application of vapor barrier along the eastern sidewall of the excavation, showing the cutouts for the tiebacks (looking south).

Photograph 13. Application of vapor barrier along the bottom of the elevator shaft (looking southeast).

APPENDIX N

Well Completion Summary

Appendix N. Well Completion Summary

Project No. 160324, Maddux North and South, Seattle, Washington

Well Location On-Site	Monitoring Well ID	Ecology Well Tag ID	Consultant	Monitoring Well Status	Monitoring Well Installation Date	Well Depth (feet bgs)	Well Screen Interval (feet bgs)	Well Sand Pack Interval (feet bgs)	Ground Elevation (feet NAVD88)	Top of Well Casing Elevation (feet NAVD88)	Chemical Analyses
McClellan Parcels	AMW-01	BJP-800	Aspect	Decommissioned	02/18/17	13.5	8.5-13.5	6.5-15	77.81	77.55	cVOCs, GRO, DRO/ORO, BTEX
	AMW-02	BKA-277		Decommissioned	08/10/17	17	7-17	5-19	72.81	72.48	cVOCs, DRO/ORO
	AMW-10	BKA-276		Decommissioned	08/09/17	15	5-15	6-17	67.15	67.08	cVOCs
	AMW-21	BFK-831		Decommissioned	11/12/18	15	5-15	4-17	78.06	77.7	cVOCs
	AMW-25	BMY-364		Active	01/08/21	10	5-10	4-10	70.22	69.92	cVOCs, dissolved gasses (ethane, ethene, methane), TOC, chloride, alkalinity, nitrate, nitrite, sulfate, dissolved iron[1], total dissolved solids
	AMW-26	BPP-908		Active	01/12/23	15	5-15	3-15	65.61	65.36	cVOCs, dissolved gasses (ethane, ethene, methane), TOC, chloride, alkalinity, nitrate, nitrite, sulfate, dissolved iron1, total dissolved solids
MLK, McClellan and 29th ROWs	AMW-06	BKF-044	Aspect	Active	11/17/17	20	10-20	8-21.5	75.59	74.96	cVOCs, dissolved gasses (ethane, ethene, methane), TOC, chloride, alkalinity, nitrate, nitrite, sulfate, dissolved iron[1], total dissolved solids
	AMW-07	BKF-043		Active	11/16/17	25	15-25	13-26.5	75.73	75.36	cVOCs
	AMW-08	BKF-042		Active	11/16/17	20	10-20	8-21	64.19	63.69	cVOCs
	AMW-09	BKF-041		Active	11/15/17	18	8-18	6-21.5	57.05	56.50	cVOCs
	AMW-11	BKF-045		Active	11/20/17	17	7-17	5-21.5	55.55	55.17	cVOCs
	AMW-14	BKF-047		Active	11/21/17	18	8-18	6-18	57.14	56.85	cVOCs
	AMW-15	BKF-046		Active	11/20/17	15	5-15	3-15	56.21	55.78	cVOCs
	AMW-16	BKF-631		Active	07/30/18	25	8-18	6-19	58.48	58.11	cVOCs, GRO, DRO/ORO, BTEX
	AMW-17	BKF-632		Active	07/30/18	21	10-20	8-21	59.14	58.79	cVOCs, GRO, DRO/ORO, BTEX
	AMW-18	BKF-634		Active	08/01/18	21.5	7-17	5-18	54.53	54.07	cVOCs
	AMW-19	BKF-633		Active	07/31/18	19	9-19	7-19	65.40	65.01	cVOCs, dissolved gasses (ethane, ethene, methane), TOC, chloride, alkalinity, nitrate, nitrite, sulfate, dissolved iron[1], total dissolved solids
	AMW-29	BPP-945		Active	02/17/23	11	6-11	4-11	79.09	78.82	cVOCs, dissolved gasses (ethane, ethene, methane), TOC, chloride, alkalinity, nitrate, nitrite, sulfate, dissolved iron[1], total dissolved solids
	HC-MW-01	BJZ-973	Hart Crowser	Active	05/16/16	17	7-17	5.0-20	67.54	67.23	cVOCs, dissolved gasses (ethane, ethene, methane), TOC, chloride, alkalinity, nitrate, nitrite, sulfate, dissolved iron[1], total dissolved solids
	HC-MW-02	BJZ-974		Active	05/16/16	17	7-17	5.0-20	75.07	74.82	cVOCs, dissolved gasses (ethane, ethene, methane), TOC, chloride, alkalinity, nitrate, nitrite, sulfate, dissolved iron[1], total dissolved solids
	HC-MW-03	BJK-935		Decommissioned	09/26/16	16	6-16	4.0-20	78.5	78.19	cVOCs, dissolved gasses (ethane, ethene, methane), TOC, chloride, alkalinity, nitrate, nitrite, sulfate, dissolved iron[1], total dissolved solids
	HC-MW-04	BJK-931		Active	09/28/16	20	10-20	8.0-20	87.94	87.74	cVOCs
	HC-MW-05	BJK-937		Active	09/29/16	17	7-17	5.0-20	72.79	72.07[a]	cVOCs, dissolved gasses (ethane, ethene, methane), TOC, chloride, alkalinity, nitrate, nitrite, sulfate, dissolved iron[1], total dissolved solids
	HC-MW-06	BJK-938		Active	09/29/16	19	9-19	7.0-20	63.22	62.92	cVOCs
	HC-MW-07	BJK-932		Active	09/30/16	18	8-18	6.0-20	63.88	63.59	cVOCs

Appendix N. Well Completion Summary

Project No. 160324, Maddux North and South, Seattle, Washington

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Former Phillips 66 Gas Station Property	AMW-04	BKF-013	Aspect	Decommissioned	11/13/17	19	9-19	8-20	64.65	64.21	cVOCs, GRO, DRO/ORO, BTEX
	AMW-05	BKA-273		Decommissioned	08/07/17	20	10-20	12-22	64.13	63.83	cVOCs, GRO, DRO/ORO, BTEX
	AMW-12	BKA-274		Decommissioned	08/07/17	20	10-20	8-22	60.77	60.33	cVOCs, GRO, DRO/ORO, BTEX
	AMW-13	BKA-275		Decommissioned	08/08/17	20	10-20	8-22	63.15	62.70	cVOCs, GRO, DRO/ORO, BTEX
	AMW-20	BKF-630		Active	07/30/18	23	10-20	8-23	60.34	59.90	cVOCs, GRO, DRO/ORO, BTEX
	AMW-27	BPP-910		Active	01/13/23	20	10-20	8-20	62.23	61.86	cVOCs, GRO, DRO/ORO, BTEX
	AMW-28	BPP-909		Active	01/13/23	20	10-20	8-20	61.52	61.18	cVOCs, GRO, DRO/ORO, BTEX
	MW-01	APM-433	G-logics	Decommissioned	08/09/05	23	13-23	11-23.5	63.04	62.6	cVOCs, GRO, DRO/ORO, BTEX
	MW-02	APM-434		Decommissioned	08/09/05	23	13-23	11.0-23	61.36	60.78	cVOCs, GRO, DRO/ORO, BTEX
	MW-03	APM-435		Decommissioned	08/09/05	20	10-20	6.75-20	62.18	61.87	cVOCs, GRO, DRO/ORO, BTEX
	MW-04	APK-220		Decommissioned	06/22/06	20	15-20	13-20	63.18	62.98	cVOCs, GRO, DRO/ORO, BTEX
	MW-05	APK-217		Active	06/22/06	20	10-20	5-20	61.98	61.86	cVOCs
	MW-06	BHA-125	Stantec	Active	07/12/11	20	10-20	8-20	58.6	58.28	cVOCs, GRO, DRO/ORO, BTEX
	MW-07	BHA-127		Active	07/13/11	20	10-20	8-20	57.43	57.13	cVOCs
	MW-08	BHA-124		Decommissioned	07/12/11	20	10-20	8-20	62.21	61.82	cVOCs, GRO, DRO/ORO, BTEX
	MW-09	BHA-123		Decommissioned	07/12/11	25	10-25	8-25	63.24	62.83	cVOCs, GRO, DRO/ORO, BTEX
	MW-10	BHA-126		Active	07/13/11	20	10-20	8-20	59.42	59.23	cVOCs, GRO, DRO/ORO, BTEX
	MW-11	BID-522	CRA	Decommissioned	6/19/2014	20	10-20	9-20	68.67	68.17	cVOCs, GRO, DRO/ORO, BTEX
	MW-12	BID-524		Decommissioned	6/19/2014	20	5-20	4-20	62.21	61.51	cVOCs, GRO, DRO/ORO, BTEX
	MW-13	BID-523		Decommissioned	6/16/2014	20	10-20	9-20	66.09	65.54	cVOCs, GRO, DRO/ORO, BTEX
Surrounding Private Properties	AMW-03	BKF-048	Aspect	Active	11/22/17	15	5-15	3-15	78.79	78.38	cVOCs
	AMW-22	BLK-091	Aspect	Active	03/29/19	14	4-14	3-14	54.06	53.26	cVOCs
	AMW-23	BLK-257	Aspect	Active	07/29/19	15	5-15	3-15	53.71	53.36	cVOCs
	AMW-24	BLK-104	Aspect	Active	03/30/19	25	10-25	8-25	72.43	72.08	cVOCs, dissolved gasses (ethane, ethene, methane), TOC, chloride, alkalinity, nitrate, nitrite, sulfate, dissolved iron[1], total dissolved solids

Notes:

- Monitoring well decommissioned

[1] Samples for dissolved metals analyses are filtered in the field using an in-line 0.45 micrometer (µm) filter.

[a] HC-MW-05 was cut down prior to 12/27/2022; previously the top of casing was at 72.54 feet

bgs - below ground surface
BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes
cVOCs - chlorinated volatile organic compounds
DRO - diesel-range organics
GRO - gasoline-range organics
NAVD88 - North America Vertical Datum of 1988
ORO - oil-range organics
TOC - total organic carbon

APPENDIX O

Data Quality Review

O. Data Quality Assurance Review

This appendix describes the groundwater and soil gas sampling procedures used for compliance monitoring, including deviations from the Sampling and Analysis Plan / Quality Assurance Project Plan (SAP/QAPP), which is included as Appendix C of the Compliance Monitoring Plan (CMP) for the Site (Aspect, 2020c)[1].

Groundwater Sampling Procedures, Deviations from the SAP/QAPP, and Quality Assurance

Groundwater samples were collected and handled in general accordance with the SAP/QAPP included in the CMP; deviations are outlined below. Groundwater was purged and sampled from each well with low-flow groundwater sampling techniques using a peristaltic pump and dedicated tubing (Puls and Barcelona, 1996[2]). During purging, field parameters (temperature, pH, specific electrical conductance, dissolved oxygen, oxidation-reduction potential, and turbidity) were monitored and recorded. The samples were placed in a cooler and submitted to a state-certified laboratory under standard chain-of-custody procedures.

The analytical data was validated through the quality assurance protocols and procedures outlined in the SAP/QAPP. To verify that the project's data quality objectives (DQOs) were achieved, all data generated were evaluated for precision, accuracy, representativeness, comparability, completeness, and sensitivity and sample-specific method reporting limits (RLs), which are outlined in the SAP/QAPP. The SAP/QAPP also summarizes specific Quality Control (QC) parameters associated with each of the Measurement Quality Indicators (MQIs), specific MQI goals, and evaluation criteria. Below is a summary of deviations in the data collection or QA/QC protocol from the SAP/QAPP.

Blind Field Duplicate Samples are used to check for sampling and analysis reproducibility and to ensure representative samples were collected. The SAP/QAPP indicates field duplicate samples are to be collected at a frequency of 5 percent (1 per 20) of the field samples for each matrix and analytical method, but not less than one duplicate per sampling event per matrix.

Blind field duplicate samples were not collected during the following Site-wide groundwater sampling events: December 2020, June 2021, January 2022, March 2022, and June 2022. The field duplicates collected during the December 2022 event were only collected on samples being analyzed for chlorinated volatile organic compounds (cVOCs). The duplicate results met the advisory evaluation criteria (i.e., the relative

[1] Aspect Consulting, LLC (Aspect), 2020c, Final Compliance Monitoring Plan, Mount Baker Properties Site, Prepared for Mt. Baker Housing Association, Final, September 25, 2020.

[2] Puls, R.W. and M.J. Barcelona, 1996, Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures, EPA Ground Water Issue, EPA/540/S-95/504.

percent difference values were much less than 35 percent), indicating the samples analyzed against the blind field duplicates were representative of the groundwater conditions at those wells.

Trip Blanks are used to monitor possible volatile organic compound (VOC) cross-contamination occurring during sample transport. The SAP/QAPP indicates one trip blank will be collected for each groundwater sampling round where VOC or total petroleum hydrocarbons as gasoline (TPHg) analyses are conducted. The following sampling events did not include a trip blank sample with the VOC or TPHg samples:

- A trip blank was submitted with the December 2020 groundwater samples for analysis of cVOCs, TPHg, and benzene, toluene, ethylbenzene, and xylenes (BTEX). However, the lab did not provide the results of the trip blank analysis in their final lab report.
- Trip blanks were not submitted for the January 2021 groundwater sampling event.
- A trip blank was submitted with each of the groundwater sampling events in June 2021, January 2022, and June 2022. However, a request was not made to the laboratory to analyze the trip blank samples.
- The trip blank submitted with the December 2022 groundwater samples was analyzed for cVOCs, which were not detected in the sample.

Temperature of Groundwater Samples Upon Laboratory Receipt is expected to be between 2 degrees and 6 degrees Celsius. The groundwater samples collected and submitted on December 29, 2022, were recorded at 11.4 degrees Celsius upon delivery to the laboratory. The samples were collected and immediately placed in a cooler with ice shortly before being delivered to the laboratory and did not have sufficient time to cool below 6 degrees Celsius.

Other Deviations from the CMP regarding sample collection include the following:

- AMW-25 (which replaced monitoring well AMW-21) was not sampled in December 2020 groundwater sampling event because it was not installed until January 8, 2021.
- AMW-26 (which replaced monitoring well AMW-10), AMW-27 (which replaced monitoring wells MW-3, MW-8, and MW-12), and AMW-28 (which replaced monitoring wells MW-2 and AMW-12), were not sampled in any of the groundwater monitoring events being reported in this Cleanup Action Report since they were not installed until January and February 2023.
- HC-MW-01 was not sampled in the June 2022 and December 2022 groundwater monitoring events due to ongoing street improvement work in the right-of-way that made this monitoring well inaccessible.

All other field and laboratory quality control requirements outlined in the SAP/QAPP were met. No significant discrepancies were found in the data validation, and the data generally meet the DQOs for the Site.

Data Qualifiers were assigned based on the outcome of the data validation. The data qualifiers include:

- E - Value above quantitation range.
- J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- U - The analyte was analyzed for but was determined to be non-detect above the reported sample quantitation limit.
- X - Chromatographic pattern does not match the fuel standard used for quantitation.

Soil Gas Sampling Procedures, Deviations from the SAP/QAPP, and Quality Assurance

Soil gas samples were collected and handled in accordance with the SAP/QAPP included in the CMP (Aspect, 2020c) using laboratory-supplied, evacuated SUMMA canisters with flow controllers set to a flow rate of less than 200 milliliters per minute (mL/min). The sample train and SUMMA canister were leak-tested prior to sampling using a shut-in test and helium tracer to verify there were no leaks in the fittings or connections between the leak-testing shroud and the sample media. Prior to sample collection, the sample train was purged at a rate of 200 mL/min using a Gilian LFS-113 Low Flow Personal Air Sampling Pump. Following confirmation that there were no significant leaks in the sample train or around the vapor point, the vapor samples were collected by opening the valve on the SUMMA canister until the vacuum gauge on the canister reached 4 to 5 inches of mercury.

Blind Field Duplicate Samples are used to check for sampling and analysis reproducibility and to ensure representative samples were collected. The SAP/QAPP indicates field duplicate samples are to be collected at a frequency of 5 percent (1 per 20) of the field samples for each matrix and analytical method, but not less than one duplicate per sampling event per matrix. Blind field duplicates were not collected for soil gas during either the June 2022 or December 2022 compliance monitoring events. Blind field duplicates will be collected for all future compliance monitoring events.

No Other Deviations from the SAP/QAPP and CMP were identified for soil gas sampling, and all other field and laboratory quality control requirements outlined in the SAP/QAPP were met. No significant discrepancies were found in the data validation, and the data generally meet the DQOs for the Site.

Data Qualifiers were assigned based on the outcome of the data validation. The data qualifiers include:

- U - The analyte was analyzed for but was determined to be non-detect above the reported sample quantitation limit.

APPENDIX P

Report Limitations and Guidelines for Use

REPORT LIMITATIONS AND USE GUIDELINES

Reliance Conditions for Third Parties

This report was prepared for the exclusive use of the Client. No other party may rely on this report or the product of our services without the express written consent of Aspect Consulting (Aspect). This limitation is to provide our firm with reasonable protection against liability claims by third parties with whom there would otherwise be no contractual conditions or limitations and guidelines governing their use of the report. Within the limitations of scope, schedule and budget, our services have been executed in accordance with our Agreement with the Client and recognized standards of professionals in the same locality and involving similar conditions.

Services for Specific Purposes, Persons and Projects

Aspect has performed the services in general accordance with the scope and limitations of our Agreement. This report has been prepared for the exclusive use of the Client and their authorized third parties, approved in writing by Aspect. This report is not intended for use by others, and the information contained herein is not applicable to other properties.

This report is not, and should not, be construed as a warranty or guarantee regarding the presence or absence of hazardous substances or petroleum products that may affect the subject property. The report is not intended to make any representation concerning title or ownership to the subject property. If real property records were reviewed, they were reviewed for the sole purpose of determining the subject property's historical uses. All findings, conclusions, and recommendations stated in this report are based on the data and information provided to Aspect, current use of the subject property, and observations and conditions that existed on the date and time of the report.

Aspect structures its services to meet the specific needs of our clients. Because each environmental study is unique, each environmental report is unique, prepared solely for the specific client and subject property. This report should not be applied for any purpose or project except the purpose described in the Agreement.

This Report Is Project-Specific

Aspect considered a number of unique, project-specific factors when establishing the Scope of Work for this project and report. You should not rely on this report if it was:

- Not prepared for you
- Not prepared for the specific purpose identified in the Agreement
- Not prepared for the specific real property assessed
- Completed before important changes occurred concerning the subject property, project or governmental regulatory actions

If changes are made to the project or subject property after the date of this report, Aspect should be retained to assess the impact of the changes with respect to the conclusions contained in the report.

Geoscience Interpretations

The geoscience practices (geotechnical engineering, geology, and environmental science) require interpretation of spatial information that can make them less exact than other engineering and natural science disciplines. It is important to recognize this limitation in evaluating the content of the report. If you are unclear how these "Report Limitations and Use Guidelines" apply to your project or site, you should contact Aspect.

Discipline-Specific Reports Are Not Interchangeable

The equipment, techniques and personnel used to perform an environmental study differ significantly from those used to perform a geotechnical or geologic study and vice versa. For that reason, a geotechnical engineering or geologic report does not usually address any environmental findings, conclusions or recommendations; e.g., about the likelihood of encountering underground storage tanks or regulated contaminants. Similarly, environmental reports are not used to address geotechnical or geologic concerns regarding the subject property.

Environmental Regulations Are Not Static

Some hazardous substances or petroleum products may be present near the subject property in quantities or under conditions that may have led, or may lead, to contamination of the subject property, but are not included in current local, state or federal regulatory definitions of hazardous substances or petroleum products or do not otherwise present potential liability. Changes may occur in the standards for appropriate inquiry or regulatory definitions of hazardous substance and petroleum products; therefore, this report has a limited useful life.

Property Conditions Change Over Time

This report is based on conditions that existed at the time the study was performed. The findings and conclusions of this report may be affected by the passage of time (for example, Phase I ESA reports are applicable for 180 days), by events such as a change in property use or occupancy, or by natural events, such as floods, earthquakes, slope failure or groundwater fluctuations. If more than six months have passed since issuance of our report, or if any of the described events may have occurred following the issuance of the report, you should contact Aspect so that we may evaluate whether changed conditions affect the continued reliability or applicability of our conclusions and recommendations.

Phase I ESAs – Uncertainty Remains After Completion

Aspect has performed the services in general accordance with the scope and limitations of our Agreement and the current version of the “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process”, ASTM E1527, and U.S. Environmental Protection Agency (EPA)'s Federal Standard 40 CFR Part 312 "Innocent Landowners, Standards for Conducting All Appropriate Inquiries".

No ESA can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with subject property. Performance of an ESA study is intended to reduce, but not eliminate, uncertainty regarding the potential for environmental conditions affecting the subject property. There is always a potential that areas with contamination that were not identified during this ESA exist at the subject property or in the study area. Further evaluation of such potential would require additional research, subsurface exploration, sampling and/or testing.

Historical Information Provided by Others

Aspect has relied upon information provided by others in our description of historical conditions and in our review of regulatory databases and files. The available data does not provide definitive information with regard to all past uses, operations or incidents affecting the subject property or adjacent properties. Aspect makes no warranties or guarantees regarding the accuracy or completeness of information provided or compiled by others.

Exclusion of Mold, Fungus, Radon, Lead, and HBM

Aspect’s services do not include the investigation, detection, prevention or assessment of the presence of molds, fungi, spores, bacteria, and viruses, and/or any of their byproducts. Accordingly, this report does not include any interpretations, recommendations, findings, or conclusions regarding the detection, assessment, prevention or abatement of molds, fungi, spores, bacteria, and viruses, and/or any of their byproducts. Aspect’s services also do not include the investigation or assessment of hazardous building materials (HBM) such as asbestos, polychlorinated biphenyls (PCBs) in light ballasts, lead based paint, asbestos-containing building materials, urea-formaldehyde insulation in on-site structures or debris or any other HBMs. Aspect’s services do not include an evaluation of radon or lead in drinking water, unless specifically requested.