

Remedial Action Report

**Buss LLC Property
969 118th Avenue SE
Bellevue, Washington**

VCP ID NW2565

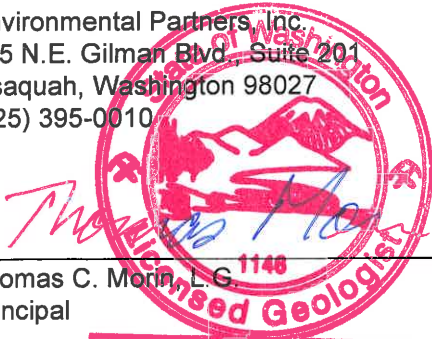
Prepared For:

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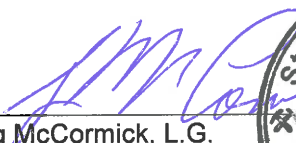
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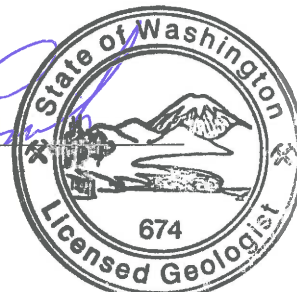
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Additional Subsurface Investigation (ASI) Report, dated May 3, 2012 by Environmental Partners, Inc.
Remedial Action Work Plan (RAWP), dated May 3, 2012 by Environmental Partners, Inc.

1.0 INTRODUCTION

Environmental Partners, Inc. (EPI) is pleased to submit this *Remedial Action (RA) Report* for completed cleanup actions at the Buss LLC Property located at 969 118th Avenue SE in Bellevue, Washington (subject property). The location of the subject property is indicated on Figure 1.

The subject property is currently owned by Buss Investments, LLC (Buss) and was formerly occupied by Rabanco, Eastside Disposal, and Republic Services (collectively "Republic") and used for office space, vehicle and equipment maintenance and storage from the time of its original development in about 1959 until 2011. The subject property is currently leased by a landscaping materials supply company.

This RA Report describes actions taken to address soil and ground water contamination associated with apparent releases associated with underground storage tanks (USTs) and vehicle maintenance activities on the subject property. Impacted areas of the subject property are referred to as Areas of Potential Concern (AOPCs), and the AOPCs are referred to collectively as the "Site" as defined by the Model Toxics Control Act (70.105D RCW) and its implementing regulations (WAC 173-340; collectively "MTCA"). The Site has been enrolled in the Washington Department of Ecology (Ecology) Voluntary Cleanup Program (VCP) as Site No. NW2565. The Project Manager is Mr. Roger Nye.

The Site has undergone four phases of environmental investigation and assessment, which cumulatively constitute the Remedial Investigation (RI). The previous phases of investigation are discussed in additional detail below in Section 1.1.2.

The remedial action documented herein was performed in general accordance with the *Remedial Action Work Plan* (RAWP) dated May 3, 2012, which was developed based upon the RI. The RAWP was prepared on behalf of Buss as a component of its ongoing compliance with the general requirements of MTCA and with the requirements for discovery and reporting (WAC 173-340-300 and -350). A copy of the RAWP is included with this RA Report.

The RAWP identified direct excavation with ground water extraction during excavation as the most practicable, effective, and readily feasible remedial alternative for the Site. Direct excavation with source removal is a permanent remedy and does not require, under current Ecology policy, the performance of a Feasibility Study (FS) in support of implementation. The remedial actions implemented were fully compliant with the requirements of MTCA and are fully protective of all potential exposure pathways.

The Remedial Action was performed in two phases between August and October 2012 and this RA Report has been prepared in support of Buss's ongoing efforts to attain compliance with the requirements of MTCA. The Remedial Action was conducted to meet the requirements of MTCA as defined in Section 430 of Chapter 173-340 of the Washington Administrative Code (WAC 173-340-430). As detailed below, soil and ground water sampling conducted during the remedial action demonstrated compliance with applicable soil and ground water cleanup levels. For the AOPCs remediated during this Remedial Action, the remediation should be considered as a final remedial under WAC 173-340-350 through -390.

1.1 Background

This section describes the subject property and the Site and provides a synopsis of the remedial actions completed to date.

1.1.1 Subject Property Description and History

The subject property consists of three tax parcels totaling 3.58 acres. According to King County Assessor records, the three parcels are identified as:

- **Parcel No. 939970-0820.** Parcel owned by Buss Investments LLC. 2.22 Acres. AOPC-1, AOPC-3, and AOPC-4 are located entirely within Parcel No. 939970-0820;
- **Parcel No. 042405-9057.** Parcel owned by Buss Investments LLC. 1.23 acres. AOPC-2 is located on the southern part of Parcel No. 939970-0820 and the northern part of Parcel No. 042405-9057. AOPC-5 is located entirely within Parcel No. 042405-9057;
- **Parcel No. 042405-9083.** Parcel owned by Buss Investments LLC. 0.13 acres. No AOPCs were located on this parcel.

Until recently, the subject property had been improved with two buildings. This report refers to the "Main Building", which remains in place, and is located along 118th Avenue SE. The report also refers to the "Former Storage Building", which was recently demolished, and was formerly located in the western portion of the subject property. Both buildings are indicated on Figure 2.

The Main Building is about 4,489 square feet and was constructed in 1959. This building includes office space, two vehicle service bay areas, and storage rooms. The building is constructed of concrete masonry units on a concrete slab foundation. A 10,000-gallon UST was removed from the west side of the building in 1993.

The Former Storage Building was about 2,800 square feet. This building was constructed in about 1965 and was demolished in December 2011. This building was historically used for equipment and material storage and vehicle maintenance. The building was constructed of a wood-frame and corrugated metal and was on a concrete slab-on-grade foundation. A 2,000-gallon gasoline UST and a 500-gallon gasoline UST, formerly located on the north side of the building and a 1,000-gallon diesel fuel UST formerly located near the southeast corner of the building, were removed in 1989.

1.1.2 Prior Investigations

The following reports of environmental investigations have previously been prepared for the Site:

- *Gasoline Storage Tank Removal*, dated March 14, 1990, by Hart Crowser, Inc.
- *Diesel Tank Remediation*, dated June 21, 1990 by Hart Crowser, Inc.

- *Focused Phase II Environmental Site Assessment*, dated October 6, 2010, by Environmental Partners, Inc.
- *Additional Subsurface Investigation Report*, dated May 3, 2012 by Environmental Partners, Inc.
- *Remedial Action Work Plan*, dated May 3, 2012 by Environmental Partners, Inc.

Hart Crowser Investigations

The *Gasoline Storage Tank Removal* report dated March 14, 1990 summarizes the removal of two USTs and subsequent remediation activities between October 5, 1989 and January 29, 1990. Both USTs contained gasoline and both were located along the north property boundary on the north side of the Former Storage Building. According to the report, the larger UST had a 2,000-gallon capacity and the smaller UST had a 500-gallon capacity. The 2,000-gallon UST was reportedly in good condition upon removal with no observed rust or pitting. The 500-gallon UST was in fair condition with some areas of rust and pitting noted. Piping associated with both USTs and fuel dispensers was also removed.

Approximately 785 cubic yards of petroleum-contaminated soil (PCS) were removed from the UST excavation. Verification soil samples indicated that areas along the north property line and the north side of the Former Storage Building exceeded their respective MTCA Method A soil cleanup guidelines for gasoline-range organics (GRO) and benzene, which were issued draft at the time of the removal action. These impacts were present in multiple locations within the excavation area.

Based upon those results, an additional 4 cubic yards of PCS were excavated along the northern wall of the UST excavation along the northern property boundary. The report stated that the verification samples indicated, "*gasoline residues in the soil along the northern wall were below draft Ecology soil cleanup guidelines*".

The March 14, 1990 report indicated that concentrations of GRO and benzene continued to exceed the MTCA Method A soil cleanup guidelines on the north side of the Former Storage Building and at numerous locations throughout the bottom of the excavation. No additional PCS soil was removed from the remedial excavation. A copy of the *Gasoline Storage Tank Removal* report was provided to Ecology with submission of the VCP Application. The reviewer is directed to this report for additional information.

The *Diesel Tank Remediation* report dated June 21, 1990 discussed activities related to the removal of a 1,000-gallon diesel fuel UST formerly located at the southeast corner of the Former Storage Building. The UST was removed on November 9, 1989 and approximately 380 cubic yards of PCS impacted with diesel-range organics (DRO) and higher-range organics (HRO) were removed and transported off site for disposal. The report estimated that approximately 80 cubic yards of PCS remained beneath the south end of the Former Storage Building. A copy of the *Diesel Tank Remediation* report was provided to Ecology with submittal of the VCP application. The reviewer is directed to this report for additional information.

EPI Investigations

EPI conducted a *Focused Phase II Environmental Site Assessment* (ESA) of the subject property in September 2010. EPI completed 8 soil borings and identified GRO impacts to soil and ground water at concentrations exceeding the MTCA Method A CULs in the vicinity of the two former gasoline USTs and areas west and southwest of the former UST locations. The report concluded that these impacts were likely due to incomplete remedial soil excavation in the immediate vicinity of the USTs and beneath the concrete slab foundation on the north end of the Former Storage Building. DRO impacts were identified in soil at concentrations exceeding the MTCA Method A CULs beneath the concrete slab foundation on the south end of the Storage Building and areas beyond the foundation to the south and southeast. GRO and DRO impacts were present in soil in the apparent vicinity of a 10,000-gallon diesel UST near the northwest corner of the Main Building. A copy of the *Focused Phase II Environmental Site Assessment* report was provided with the VCP application. The reviewer is directed to this report for additional information.

EPI conducted a follow-up investigation entitled *Additional Subsurface Investigation* in January 2012 to fill data gaps in the current characterization of the Site in preparation of the RAWP. A copy of the *Additional Subsurface Investigation* report is being submitted for Ecology's review with this RA Report.

As a component of the ASI EPI completed 19 soil borings in the vicinity of the identified impacts to further define their lateral and horizontal extents. The report concluded that soil and ground water at the northern end of the Former Storage Building were impacted with residual gasoline-related compounds including GRO and benzene, which remained after the incomplete remediation in 1990. The concentrations of GRO in ground water were as high as 25,000 micrograms/liter (µg/L) with benzene concentrations as high as 330 µg/L.

Soil at the southern end of the Former Storage Building was impacted with DRO and HRO at concentrations exceeding applicable CULs. Those impacts appeared limited to soil and were likely associated with an incomplete interim action in 1990 at the time of the diesel-fuel UST removal.

There were no indications of widespread impacts associated with a former 10,000-gallon UST and dispenser reportedly located near the northwest corner of the Main Building.

The findings of the Phase II ESA and the ASI confirmed the presence of petroleum hydrocarbon impacts to soil and ground water at the Site and characterized the general vertical and lateral extent of those impacts. The data were sufficient to plan and implement a remedial action consisting of direct excavation and ground water extraction and disposal. The specifics of the planned remedial action are presented in the RAWP.

Other Information

A 10,000-gallon diesel fuel UST was also reportedly removed by Eastside Disposal in August 1993. No UST Site Assessment report or sampling information was available for this UST. A UST removal report was prepared by the decommissioning contractor, O'Sullivan-Omega. The 10,000-gallon UST appears

to have been located approximately 25 feet west of the northwest corner of the Main Building in the same general area as AOPC-4.

1.2 Identification of Areas of Potential Concern (AOPCs)

Based on the previous investigations, four AOPCs were identified at the Site. The locations of the APOCs are indicated on Figure 2 and the source of the impacts in these areas is described below:

- AOPC-1 is located on the north side of the Former Storage Building. GRO and benzene impacts to soil and ground water in this area are associated with the two former gasoline USTs, dispensers, and piping located in this area.
- AOPC-2 is located on the south side of the Former Storage Building. DRO and HRO impacts in this area are associated with USTs and an oil-water separator (OWS) located on the south side of the building.
- AOPC-3 is located in the service bay of the Main Building. Remedial excavation of this area is planned during subject property redevelopment. The extent of impacts is limited to localized soils beneath two of the service bay pits. No ground water was observed in this area of the Site and the extent of the soil impacts was limited by the dense and general impermeability of the local soil. The potential mobility of those impacts to soil is limited by the lack of ground water and the fact that the building and floor slab effectively cap the observed contamination and eliminate surface infiltration.
- AOPC-4 is located outside the northwest corner of the Main Building. UST Decommissioning reports indicate a 10,000-gallon diesel fuel UST and dispenser were removed from this area in August 1993. Both GRO and DRO impacts were identified at AOPC-4.

A fifth AOPC (AOPC-5) was identified during remedial actions in AOPC-2. Soil and ground water impacts at AOPC-5 are associated with releases from an OWS on the southern portion of AOPC-2. The lateral and vertical extent of AOPC-5 was defined during a Test Pit Investigation following remediation of the other AOPCs.

The remedial actions described in this RA report were completed in AOPC-1, APOC-2, AOPC-4, and AOPC-5. As noted above, impacts at AOPC-3 are limited to shallow soils and are located beneath an occupied and functioning commercial structure. The small quantity of impacted soil, the dense nature of the local soils, the absence of ground water, and the impermeable nature of the surface cap effectively encapsulate and isolate these impacts. Any impacts at AOPC-3 will be addressed during redevelopment of the subject property, which may occur as soon as summer of 2014.

1.3 Selection of Contaminants of Concern and Cleanup Levels

Based on data obtained from previous investigations, Contaminants of Concern (COCs) were identified as those compounds that have been detected at concentrations exceeding a current MTCA Method A Cleanup Level. The criteria for selection of the COCs and cleanup levels are discussed in the RAWP.

The COCs for soil at the Site are:

- GRO
- DRO
- HRO
- Benzene
- Lead

The COCs for ground water at the Site are:

- GRO
- DRO
- HRO
- Benzene

There are no COCs for sediments or surface water since an exposure pathway for migration from the Site to nearby surface water or sediment does not currently exist. Identification of soil and ground water impacts at AOPC-5 during the course of the remedial excavation of AOPC-2 did not alter the number of type of COCs, or the CULs ,for the Site..

Attaining MTCA Method A Cleanup Levels (CULs) throughout the Site was used as the remedial action objective for the Remedial Action. The attainment of CULs for soil was demonstrated through performance sampling at the lateral and vertical limits of the remedial excavations in each of the AOPCs. Attainment of CULs for ground water was demonstrated through serial sampling and analysis from the open remedial excavations where ground water was encountered. Table 1 on the following page summarizes the COCs and CULs.

Table 1 – Summary of COCs and CULs

Compound	Soil^(a) (mg/kg)	Ground Water^(b) (µg/L)	Basis
GRO	30 ^(c)	800 ^(d)	MTCA Method A
DRO	2,000	500	
HRO	2,000	500	
Benzene	0.03	5	
Total Lead	250	NA	

mg/kg – milligrams/kilogram

µg/L – micrograms/Liter

(a) Based upon Unrestricted Land Uses–

(b) Based on protection of ground water to a drinking water standard

(c) When benzene is present or sum of toluene, ethylbenzene, and total xylenes exceeds 1% of detected GRO mixture

(d) – When benzene is present

NA – Not a COC for ground water

1.4 Permitting

The lead permit authority of the project was the City of Bellevue Development Services Department. Prior to conducting the Additional Subsurface Investigation in January 2012, EPI obtained a Demolition Permit (Permit No. 11 130434 BD) for both the Main Building and the Former Storage Building. Demolition of the Main Building was anticipated for Summer 2014. The Storage Building was razed in December 2011 to facilitate access to the interior of the concrete slab foundation and the area on the west side of the building.

A State Environmental Policy Act (SEPA) review was required as part of the demolition permit because the Main Building is greater than 4,000-square feet and the Former Storage Building (AOPC-1 and AOPC-2) lie within a mapped critical area along Mercer Slough. After submittal of the completed SEPA documents and a period of Public Comment, the SEPA Determination of Non-Significance (DNS) was issued on January 19, 2012.

Based on the previous investigations, the total volume of soil excavation was anticipated to be approximately 2,800 cubic yards in all four AOPCs. Excavation of soil volumes in excess of 2,500 cubic yards required obtaining a Clearing and Grading Permit (Permit No. 11 130353 GD). The city also requested a Construction Storm Water Pollution Prevention Plan (CSWPPP) to address potential surface water runoff during the remedial actions. The Clearing and Grading permit and CSWPPP required such items as protective fencing, limiting ingress and egress, and protection of storm water catch basins from runoff. Storm drains were equipped with inlet protection to prevent intake of sediment runoff. A silt fence and hay bales were placed along the western property boundary to limit

surface water runoff containing suspended sediment from entering Mercer Slough. In response to a request from the City of Bellevue inspector, excavated soils and the track out areas were to be periodically wetted using a water truck for dust control purposes. City personnel conducted a site inspection and granted approval prior to the initiation of the excavation activities. City personnel conducted follow-up inspections upon completion of the remedial excavation and after site restoration.

Subsequent to the discovery of AOPC-5 (see below) the Clearing and Grading and Transportation permits were revised in cooperation with the City of Bellevue to address this additional excavation area.

There were no permits required for off-property disposal of contaminated soil, however, the City required a Right-of-Way Commercial Development Permit (Permit No. 12 111142 TN) to transport more than 10 truckloads/day of PCS and concrete debris off the Site. Impacted soil was transported to an off-property disposal facility licensed to accept PCS and the transportation activities complied with the requirements of the Washington Department of Transportation (WSDOT).

While no permits were required for worker health and safety issues, the remedial activities involving the handling of contaminated soil and ground water must comply with the provisions of the Washington Industrial Safety and Health Act (WISHA) and the Code of Federal Regulations (CFR) subpart 1910.120 that governs Hazardous Waste Operations and Emergency Response (HAZWOPER). Occupational exposures by on-property workers to petroleum hydrocarbon vapors were monitored as a component of Health and Safety monitoring.

2.0 OBJECTIVES

The general objective of the Remedial Action was to attain the CULs for the Site COCs for soil and ground water throughout the subject property. As discussed in Section 3.0 below, this was performed using direct excavation and off-site disposal of all accessible contaminated soils down to, and below the water table. Impacted ground water was extracted on several different occasions as part of the source removal and sampling and analysis were used to demonstrate that post-remedial ground water quality met the CULs.

The specific objectives of the Remedial Action included the following:

- Protect the health and safety of both on-site workers and the public to possible exposure to COCs during performance of the Remedial Action;
- Obtain necessary permits for the excavation activities;
- Provide a description of the methodology for the Remedial Action activities conducted;
- Document the soil conditions at the terminal limits of the remedial excavation by collection and analysis of soil performance samples;

- Remove impacted ground water from the remedial excavations;
- Document the attainment of ground water cleanup levels through collection of performance samples of recharging local ground water within the remedial excavation;
- Installation of infiltration galleries for potential future implementation of *in situ* treatment methods. Such contingent remedies would only be required if ground water performance sampling does not demonstrate compliance with cleanup levels;
- Document the site restoration activities; and
- Provide a detailed description of the results of the Remedial Actions.

3.0 METHODOLOGY

Prior to implementing the Remedial Actions, Buss submitted to Ecology a Notice of Voluntary Remedial Action dated April 26, 2012, but did not request a written opinion from Ecology at that time. The methodology for the Remedial Action is presented in the RAWP included with this RA Report.

Among other details, the RAWP presents detailed descriptions of the methodologies used to guide the remedial excavation and to demonstrate compliance with selected cleanup levels. There were no significant deviations from the methods and procedures presented in the RAWP during implementation of the Remedial Action.

The scope of the RAWP was expanded to address changed conditions encountered during implementation. The expanded scope included the following:

- Removal of a previously unknown septic system vault, 560-gallon UST, and associated PCS from AOPC-2;
- Removal of the OWS and associated PCS from AOPC-2;
- Removal of a previously unknown 1,120-gallon UST from AOPC-4;
- Conducting a Test Pit Investigation to assess the nature and extent of impacted soil and debris south of AOPC-2, in the area referred to as AOPC-5; and
- Remedial action in AOPC-5.

The Test Pit Investigation and remedial excavation at AOPC-5 were not specifically discussed in the RAWP. As discussed in detail in the AOPC-2 section below, soil and ground water impacts were identified surrounding the OWS in the southern portion of AOPC-2. Initial excavation of AOPC-2 indicated that impacts in this area were more laterally extensive than originally anticipated. Further excavation of AOPC-2 was stopped when the extent of the impacts became evident. The Test Pit

Investigation was used to assess the extent of those impacts, which were then identified as AOPC-5. The Test Pit Investigation was conducted using standard methodologies for such investigation and the remediation of AOPC-5 was undertaken using methods and procedures presented in the RAWP.

Implementation of the remedial strategy included the following elements:

- Enrollment in the VCP;
- Obtain a SEPA Determination of Non-Significance (DNS), Building Demolition, Clearing and Grading Permit and Transportation Permit from the City of Bellevue, and preparation and submittal of a CSWPPP to the City of Bellevue;
- Excavation and off-site disposal of soil containing COCs at concentrations above the selected cleanup levels, and performance sampling and analysis to demonstrate attainment of the CULs at the point of compliance for soil;
- Removal and disposal of petroleum-impacted ground water from the open excavations and collection of performance ground water samples to demonstrate attainment of CULs;
- Removal of two USTs, a septic system vault, and an OWS;
- Installation of two infiltration galleries to support a potential future contingent *in situ* ground water remedy;
- Site restoration; and
- Report preparation.

Additional details regarding the remedial excavation and ground water extraction at each AOPC are presented below. Soil excavation in all AOPCs was performed by Saybr Contractors, Inc. (Saybr), using a track-mounted excavator and a rubber-tired backhoe. Water removal was performed by Marine Vacuum Services (Mar-Vac) under contract to Saybr. Saybr transported all PCS to the Regional Disposal Company transfer facility located at Third and Lander Streets in Seattle for ultimate disposal at the Subtitle D landfill in Goldendale, Washington. Disposal documentation for all PCS and extracted ground water are presented in Attachment A.

4.0 AOPC-1

AOPC-1 is located on the north side of the Former Storage Building. Soil and ground water impacts in this area are associated with two gasoline USTs, fuel dispensers, and piping formerly located in this area.

The following section provides a detailed description of the Remedial Action activities at AOPC-1.

4.1 Soil Excavation and Handling

The final excavation area relative to the former USTs and Former Storage Building and all soil sample locations during excavation are depicted on Figure 3. Final performance soil samples collected at the terminal limits of the remedial excavation are indicated on Figure 4. The final excavation depth ranged from approximately 9 to 11 feet below ground surface (bgs) with an average depth of 10 feet bgs.

Based on the RI, the upper three feet of soil was not impacted and was placed into a stockpile for use and backfill. Excavation was initiated in the north-central portion of AOPC-1 and was advanced outward.

The initial excavation included a test pit (Test Pit #2) southwest of the former UST location to assess general subsurface conditions during excavation. The test pit was extended to the northeast and southwest to a depth of 10 feet bgs. During test pit excavation, debris consisting of a metal bollard, remnants of a UST dispenser, and general metal debris were encountered. Strong petroleum odors were encountered at a depth of 7 to 8 feet below grade. These findings were consistent with the RI and helped to plan and implement the remedial excavation.

Native soil conditions appeared to consist of Silty Sand overlying an organic loam. Ground water was generally encountered at a depth of about 8 to 10 feet below grade in AOPC-1.

The remedial excavation was guided by a combination of visual and olfactory indications of apparent contamination, photoionization detector (PID) measurements, sheen testing and laboratory analytical results. The terminal vertical and lateral limits of the remedial excavation were determined solely by laboratory analytical results and the demonstrated attainment of the selected CULs.

The total volume of PCS removed from the AOPC-1 was 2,122 tons based on the disposal weight tickets.

4.2 Sampling Methodology

Performance monitoring [WAC 173-340-410(b)] was used to demonstrate attainment of the CULs. During the remedial action, performance sampling consisted of collecting and analyzing soil samples from the excavation sidewalls and bottom to clearly demonstrate compliance with the cleanup levels.

The COCs in AOPC-1 were:

- GRO
- Benzene

As identified in the RAWP, no other compounds were detected at AOPC-1 at concentrations exceeding a CUL. Nonetheless, soil sample analysis at AOPC-1 also included analysis of toluene, ethylbenzene, and total xylenes.

4.2.1 Performance Sampling

As noted above, field screening of soil conditions was used to guide the remedial excavation in areas where impacts to soil were obvious or were previously documented during the RI. The remedial excavation progressed outward from these areas of known and documented contamination. As the excavation activities progressed and field indications of relative impacts lessened, soil samples were collected for submittal for laboratory analysis (both on-site and fixed-base laboratories were utilized) to establish compliance with cleanup levels and disposal requirements.

A total of 25 performance soil samples were collected during the remedial excavation of AOPC-1. Nineteen of these samples were collected from the terminal limits of the excavation and represent conditions at the final lateral and vertical limits of the remedial excavation. The other six samples were over excavated based on laboratory results. The locations of all performance samples are indicated on Figure 3 and the locations of the final performance samples are indicated on Figure 4.

Performance sidewall samples were collected at a frequency of about one for every 18 linear feet on the north, south, east, and west sidewalls of AOPC-1. Analytical results indicate that GRO and benzene concentrations were highest at about 6 to 7 feet below grade. In some cases, particularly in Test Pit #2 and along the northern sidewall, multiple samples were collected vertically in order to clearly identify the depth interval of the impacted soils and the terminal depth of the remedial excavation.

A total of 6 soil samples were collected from the base of the excavation to demonstrate the vertical limits of the impacted soil. The base of the excavation ranged in depth from approximately 9 to 11 feet bgs.

Three soil samples were collected from the stockpile of impacted soil removed from the excavation and three samples were collected from the stockpile of clean overburden materials retained for use as backfill material.

All soil and ground water performance samples were submitted for the following analyses:

- GRO using the Northwest Total Petroleum Hydrocarbons as Gasoline (NWTPH-Gx) Method; and

- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) by U.S. Environmental Protection Agency (EPA) Method 8021B.

Due to sampling depths and health and safety considerations, samples were, in most instances, collected directly from the excavator bucket.

The final limits of the excavation were based solely upon laboratory analytical data provided by OnSite Environmental, Inc., a fixed-base laboratory located in Redmond, Washington. The terminal limits of the remedial excavation were established when laboratory analytical results were in compliance with the MTCA Method A cleanup levels for all COCs in AOPC-1.

During the remedial excavation in AOPC-1, the open excavation accumulated 10 to 18 inches of water. The water was deepest in the north-central part of AOPC-1 in the area southwest of the former USTs.

This water was sampled, extracted and allowed to recharge three times. This process was repeated until it was clearly demonstrated by the analytical results that water recharging into the base of AOPC-1 complied with the MTCA Method A CULs for all COCs in ground water at AOPC-1. A total of 19,850 gallons of impacted ground water were removed from AOPC-1.

The initial sample was collected to assess general water quality and the subsequent samples were collected to assess improvements to water quality as a result of ground water extraction after completion of the remedial excavation. The CULs for soil are considered protective of ground water quality to a drinking water standard. Upon removal of all source material in soil and after demonstrating through repeatable, serial performance samples that recharging ground water within the excavation complies with cleanup levels, it is concluded that the AOPC complies with CULs for soil and ground water. The water samples from the bottom of the remedial excavation were submitted for analysis of GRO and BTEX compounds.

4.2.2 Analytical Results

The sampling results for all performance soil samples, including those that were subsequently removed based on their concentrations, are shown on Figure 3. A summary of the GRO and BTEX analytical results for soil samples is provided in Table 2. A summary of ground water samples is provided in Table 6. Copies of the laboratory reports are provided in Attachment D.

Soil

Of the 25 samples collected during remedial excavation, 19 represent soil conditions at the final limits of the remedial excavation and are representative of the post-remedial soil conditions at AOPC-1. The remaining samples were interim samples and were subsequently over excavated.

All analytical results from the final limits of the remedial excavation complied with the selected CULs for GRO, toluene, ethylbenzene, total xylenes, and total lead.

Of the 19 samples submitted for BTEX analysis, one sample (AOPC1-4) contained a benzene concentration that slightly exceeded the CUL of 0.03 mg/kg. The analytical result for benzene in sample AOPC1-4 was 0.04 mg/kg.

The dataset for benzene in final performance samples from AOPC-1 was evaluated relative to the CUL using the Statistical Guidance for Ecology Site Managers (Publication #92-54) prepared by Ecology and using the MTCAS^{stat} evaluation software provided by Ecology. The MTCAS^{stat} Report for AOPC-1 is presented in Attachment E.

Using MTCAS^{stat} software the dataset for benzene was determined to have a mean of 0.014 mg/kg. MTCAS^{stat} indicated that the data were not to be treated as either normally or log normally distributed. As allowed in Statistical Guidance for Ecology Project Managers, the dataset was analyzed using a Z-statistic for calculation of the UCL95 for data that are neither normally nor log normally distributed. Using this method, the UCL95 around the true mean is 0.017 mg/kg.

Based on this evaluation, the final limits of the remedial excavation for AOPC-1 comply with the 0.03 mg/kg CUL for benzene because:

- No single sample result is more than twice the CUL (*i.e.*, the maximum detected concentration was 0.04 mg/kg);
- No more than 10 percent of the sample results exceed the CUL (*i.e.*, 1 of 19, or 5.3%); and
- The UCL95 around the true mean is less than the CUL.

Based on the analytical results and MTCAS^{stat} evaluation of the final performance samples, AOPC-1 fully complies with the CULs for soil for all COCs throughout the sidewalls and bottom of the remedial excavation. No additional remedial actions for soil are necessary to comply with the MTCA Method A Standard.

Ground Water

Three water samples were collected from water recharging into the open excavation at AOPC-1. These analytical results are summarized in Table 6.

The initial water sample, collected on August 22, 2012, contained GRO at a concentration of 1,800 µg/L and a benzene concentration of 18 µg/L. Both concentrations exceed their MTCA Method A cleanup levels of 800 µg/L and 5 µg/L respectively. No other COCs in the sample exceeded a ground water CUL. The excavation was then dewatered using a vacuum truck operated by MarVac and allowed to recharge.

The sample of the recharged water collected on August 27, 2012, contained GRO at a concentration of 130 µg/L and benzene concentration of 3.5 µg/L. Both of these concentrations were below the CUL. In order to confirm this result and maximize improvements to ground water quality the remedial excavation was dewatered again and allowed to recharge.

A final sample of the recharged water, collected on August 29, 2012, did not contain a detectable concentration of GRO and contained a benzene concentration of 1.7 µg/L.

These data clearly demonstrate compliance with the ground water CULs and compliance with the MTCA Method A Standard in AOPC-1. Therefore, additional ground water sampling or remediation are not required in AOPC-1.

4.3 Infiltration Gallery Installation

As presented in the RAWP, and in anticipation of the potential need for contingent remedial actions to address residual soil and/or ground water impacts, an infiltration gallery was installed within the open remedial excavation in AOPC-1. While the installation of such a gallery was not strictly warranted by the outcome of the performance soil and ground water samples, it was nonetheless installed for purposes of expediency and potential cost savings. There was a time lag between acquiring final laboratory analytical results and a desire on the part of the property owner to undertake site restoration. The infiltration gallery was therefore installed prior to backfilling, when the cost of such an installation is minimal.

The infiltration gallery consisted of a network of four piping runs placed within the remedial excavation. The horizontal sections of the infiltration piping were bedded in a 3-foot thick base of pea gravel. Each horizontal pipe was connected to a vertical riser and each of the risers was terminated in an aboveground plastic vault installed at the northeast corner of the excavation. The piping network was constructed of 4-inch diameter Schedule 40 PVC with chemically welded connections. The horizontal portion of the gallery consisted of a section of 0.01-inch factory slotted screen fitted with end caps. The remainder of the piping was SCH 40 blank PVC routed to the vault. The horizontal piping was placed at a depth of about 8 feet below grade.

After placement the piping was covered with about 12 inches of pea gravel. This pea gravel was then covered with a woven geotextile fabric to prevent intrusion of fine materials from the overlying backfill.

The extent and configuration of this piping network is illustrated on Figure 5.

5.0 AOPC-2

AOPC-2 is located on the south side of the Former Storage Building. Soil and ground water impacts in this area were associated with one current UST and one former fuel oil UST, an apparent septic vault/cistern, and an OWS located on the south side of the Former Storage Building. While one 1,000 gallon fuel oil UST was removed in 1989 the second apparent fuel oil UST and septic vault/cistern were discovered during the remedial action, as were more laterally extensive soil and ground water contamination than originally expected. The additional UST and septic vault/cistern were addressed as a component of remediation in AOPC-2. The OWS and the majority of the additional soil and ground water contamination discovered in the vicinity of the OWS were addressed as AOPC-5 (see below).

The following section provides a detailed description of the Remedial Action activities at AOPC-2.

5.1 Septic System Vault, UST, and Oil-Water Separator Removal

Soil excavation at AOPC-2 was conducted concurrently with AOPC-1. The final excavation area relative to the Former Storage Building, septic vault, USTs, and OWS is depicted on Figure 6. The final excavation depth was approximately 8 feet below grade. This depth corresponded to the full depth of the local perched water table and the top of a relatively impermeable native clayey and loamy soil.

Remedial excavation in AOPC-2 advanced outward from the location of the former 1,000-gallon diesel fuel UST removed in 1989. Construction and vegetative debris were encountered below 4 feet bgs throughout much of the remedial excavation. Debris consisted of brick fragments, rebar, sheet metal, organic material, and other non-native materials. The surrounding soil was dark gray with a strong petroleum odor.

Plastic sheeting, apparently used as a visual indicator for the prior 1990 UST removal, was encountered in the immediate area of the former UST at a depth of about 5 feet bgs. The soil above the sheeting was brown silt with no petroleum odor. Soil below the sheeting is dark gray with strong petroleum odor. There was an area of cobbles below the plastic in the area between the former UST and the concrete vehicle wash-down pad just south of the former UST. The drain in the middle of the wash down pad was connected to the OWS located approximately 30 feet to the west-southwest. Based on observations during remedial excavation, the void spaces within the area of cobbles appeared to act as a preferential pathway for impacted water and surface infiltration from the wash down pad. All of this material was subsequently removed.

A previously unknown steel UST, measuring 6 feet long by 4 feet in diameter, was encountered in the middle of the south exterior wall of the Former Storage Building. Based on these dimensions the UST had an approximate capacity of 560 gallons. The UST was buried at a depth of 3 feet bgs and was covered with dark gray soil overburden material with a strong petroleum odor. The UST was observed to contain a substantial quantity of water.

In order to facilitate removal, a hole was cut in the top of the UST. MarVac then performed the necessary pumping and rinsing, and the UST was removed from the ground and staged beside the excavation for inspection. The UST was observed to be pitted and corroded with numerous fully penetrating holes up to 1/4-inch in the bottom half of the tank. After cleaning, the tank was crushed and disposed of as scrap metal. The UST Site Assessment Checklist for this UST is included in Attachment C.

A 5-foot diameter cylindrical concrete vault was encountered immediately west of the 560-gallon UST on the south side of the Former Storage Building. The vault was five feet deep with 3-inch concrete walls and covered by a concrete lid. The construction of the vault suggests it was used as a septic structure. However, no apparent drain field or pump discharge was observed. The vault was in good condition with no obvious cracks or holes. The vault was approximately half filled of sediment and water, which was removed by MarVac using the vector truck.

Soil on the east side and bottom of the vault, adjacent to the 560-gallon UST, was visibly impacted with apparent oil-range hydrocarbons. Soil on the west side of the vault did not appear to be impacted and did not exhibit elevated PID readings. For removal, the vault was collapsed with the backhoe and the concrete fragments were added to the concrete debris pile for disposal.

Initial excavation of AOPC-2 resulted in an excavated area about 58 feet long by 15 feet wide and 6 feet deep. The results of field screening indicated that impacts on the northern and western portions of the remedial excavation were likely in compliance with CULs, but that impacts to the south and west were likely more extensive than originally anticipated. Based on this finding performance soil samples were collected from the northern and western sidewalls of the AOPC-2 remedial excavation.

Additional assessment of the potential extent of the observed impacts was performed by excavating a test pit south of the southern excavation sidewall. Test Pit #1 was completed approximately 12 feet south of the south sidewall of the remedial excavation to a depth of about 6 feet bgs and a soil sample was collected from the bottom of the test pit. Upon receipt of the sampling results, which indicated HRO impacts above the cleanup level, the test pit and remedial excavations were deepened and extended.

Based on the observations during this additional excavation it appeared that the area of the OWS, located approximately 6 feet south of Test Pit #1, was the primary source of the observed contamination. Based on this observation, the OWS and surrounding concrete slab were removed.

The concrete OWS measured 12 feet long by 4 feet wide and 4 feet deep with 7 inch thick walls and base. The OWS appears to have been formed and poured in place and was constructed of unreinforced concrete. The OWS was surrounded and bedded in about 12 inches of pit run type gravel. The OWS had a metal access door on top and was filled with water with an apparent oil sheen. A sump-type pump, which appeared to be relatively new and in apparent working order, was noted to be present in the OWS.

Prior to removal, MarVac removed 1,300 gallons of liquid from the OWS and the remedial excavation. The OWS was then removed and collapsed for disposal.

Soil beneath the OWS was very dark brown and appeared to be stained with oil. Soil samples were collected from the west, east, and south sidewalls of the excavation at a depth of 5 feet. Water in the bottom of the excavation prevented collection of a bottom sample at that time.

Following removal of the OWS and impacted material to the south of the OWS, excavation at AOPC-2 was stopped. At that point it became apparent that impacts to soil in the area of AOPC-2 extended an undetermined distance to the south and a decision was made to perform further assessment of those potential impacts prior to expanding the remedial excavation. Remedial excavation in that area is discussed below in Section 7.0 – AOPC-5.

The total volume of contaminated soil removed from the AOPC-2 was 1,274 tons. Copies of the soil disposal weight tickets are provided in Attachment A.

5.2 Performance Sampling

A total of 27 performance soil samples were collected during the remedial excavation. 15 of these samples were collected from the terminal limits of the excavation and represent conditions at the final lateral and vertical limits of the remedial excavation. The other 12 samples were over excavated based on laboratory results. [The locations of all performance samples are indicated on Figure 6 and the locations of final performance samples are indicated on Figure 7.

The final remedial excavation sidewalls were an average of about 8 feet deep. Performance sidewall samples were collected at a frequency of about one for every 15 linear feet on the north, south, east, and west sidewalls. Field screening and laboratory results indicated that impacts to soils were highest in the interval from 5 to 7 feet bgs and the performance sidewall samples were collected from that interval to assess impacts in the areas of highest concentration.

A total of six soil samples were collected from the base of the excavation to determine the vertical extent of the impacted soil.

All performance samples were submitted for the following analyses:

- DRO and HRO using the Northwest Total Petroleum Hydrocarbons as Diesel extended to included higher-range hydrocarbons (NWTPH-Dx) Method.

Due to sampling depths and health and safety considerations, samples were, in most instances, collected directly from the excavator bucket.

The final limits of the excavation were based solely upon laboratory analytical data provided by OnSite Environmental, Inc., a fixed-base laboratory located in Redmond, Washington. The terminal limits of the remedial excavation were established when laboratory analytical results were in compliance with the MTCA Method A cleanup levels for all COCs in AOPC-2.

As discussed briefly above, the impacts at AOPC-2 were more extensive than originally anticipated and additional remedial action was necessary in an area identified as AOPC-5. The southern limits of AOPC-2 and the northern limits of AOPC-5 are collocated.

The remedial action at AOPC-2 established compliance with CULs at the northern, western, eastern and bottom limits of the AOPC-2 remedial excavation area. The southern limit of the AOPC-2 remedial excavation was over excavated during the AOPC-5 remedial excavation as indicated on Figure 6. Additional discussion of the AOPC-5 remedial excavation is presented below in Section 7.0.

During the remedial excavation in AOPC-2, the open excavation had about 12 inches of water accumulation. The water was deepest in the central portion of AOPC-2 in the area of the OWS removal.

This water was sampled, extracted and allowed to recharge four times. This process was repeated until it was clearly demonstrated by the analytical results that water recharging into the base of AOPC-2 complied with the MTCA Method A CULs for all COCs in ground water at AOPC-2. A total of 7,400 gallons of impacted ground water were removed from AOPC-2.

The initial sample was collected to assess general water quality and the subsequent samples were collected to assess improvements to water quality as a result of ground water extraction after completion of the remedial excavation. The CULs for soil are considered protective of ground water quality to a drinking water standard. It is therefore reasonable to conclude that upon completion of removal of all impacted soil and residual impacted water, it should be possible to demonstrate compliance with ground water quality through performance testing. The water samples from the bottom of the remedial excavation were submitted for analysis of GRO and BTEX compounds.

5.3 Analytical Results

The sampling results for all performance soil samples, including those that were subsequently removed based on their concentrations, are shown on Figure 5. A summary of the DRO and HRO analytical results for performance samples is provided in Table 3. A summary of ground water analytical results is provided in Table 7. Copies of the laboratory reports are provided in Attachment D.

Soil

Of the 27 samples collected during remedial excavation, fifteen represent soil conditions at the final limits of the remedial excavation and are representative of the post-remedial soil conditions at AOPC-2. The remaining samples were interim samples that were used to guide the excavation and were subsequently over excavated.

All analytical results from the final limits of the western, northern, eastern, and bottom of the AOPC-2 remedial excavation complied with the CULs for DRO and HRO. As noted above, the southern limit of the AOPC-2 is collocated with the northern limit of the AOPC-5 remedial excavation. Two performance samples from this area (OWS-South and OWS-East) contained HRO concentrations exceeding the CULs, but were subsequently excavated during the AOPC-5 remedial excavation. OWS-South contained an HRO concentration of 22,000 mg/kg and OWS-East contained an HRO Concentration of 9,900 mg/kg.

Based on the analytical results for the final performance samples, the western, northern, eastern and bottom limits of AOPC-2 fully comply with the CULs for soil for all COCs. No additional remedial actions for soil are necessary in these areas of AOPC-2 to comply with the MTCA Method A Standard.

Ground Water

Five water samples were collected from water recharging in to the open excavation at AOPC-2. These analytical results are summarized in Table 7.

The initial ground water sample, collected on August 15, 2012, contained a DRO concentration of 6,100 µg/L and a HRO concentration of 1,300 µg/L. Both concentrations exceed their MTCA Method A cleanup level 500 µg/L.

After ground water extraction and recharge, the ground water sample collected on August 20, 2012 had a DRO concentration of 440 µg/L and a HRO concentration of 600 µg/L. Water was again extracted and allowed to recharge and the ground water sample collected on August 22, 2012, had a DRO concentration of 3,300 µg/L and a HRO concentration of 4,800 µg/L. This process was repeated with resampling on August 30, 2012 and that sample did not contain detectable concentrations of either DRO or HRO. In order to confirm this result and maximize improvements to ground water quality the remedial excavation was dewatered again and allowed to recharge. A final water performance sample was collected on September 4, 2012. That sample also did not contain detectable concentrations of either DRO or HRO. The ground water sample collected from Test Pit #1 did not have concentrations of either DRO or HRO exceeding the MTCA Method A CUL of 500 µg/L.

These data clearly demonstrate compliance with the ground water CULs and compliance with the MTCA Method A Standard in AOPC-2. Therefore, no additional ground water sampling or remediation are required in AOPC-2.

6.0 AOPC-4

AOPC-4 is located outside the northwest corner of the Main Building. The 1993 UST decommissioning report indicated a 10,000-gallon diesel fuel UST and dispenser were removed from this area. Localized contamination was reportedly removed by over excavation at that time. GRO and DRO impacts were identified in the 2010 *Focused Phase II ESA* and it appears that this UST was used to store both gasoline and diesel fuel. The location of AOPC-4 is depicted on Figure 8.

The following section provides a detailed description of the Remedial Action activities at AOPC-4.

6.1 Excavation and UST Removal

Remedial excavation at AOPC-4 was initiated at the location of soil boring (SB-8) from the *Focused Subsurface Investigation*. The objective of the remedial excavation in AOPC-4 was to address apparent residual soil contamination not removed in 1993 at the time of the 10,000-gallon UST removal.

During excavation a zone of apparent impacts to soil was encountered at about 6 to 7 feet bgs. Petroleum impacts were indicated by a petroleum odor and PID readings between 100 and 150 parts per million by Volume (ppmV). The apparent impacted soils were underlain by very dense grey glacial till with very low PID readings between 8 and 15 ppmV.

Based on the apparent indications of impacts, the excavation was expanded to the east. During this expansion of the remedial excavation a fill port for a UST was encountered in the southeastern portion of AOPC-4. Further excavation identified a single-walled steel UST that was 12 feet long and 4 feet in diameter, with a calculated capacity of approximately 1,120-gallons. The UST was found to contain approximately 200 gallons of residual fuel and water mixture. Prior to decommissioning, the contents of the UST were removed and it was triple rinsed and inerted by MarVac. The UST was in good condition with no observable holes. The UST Site Assessment Checklist for this UST is included in Attachment C.

After the UST was removed, excavation resumed in AOPC-4 until all indications of contamination were removed and final performance samples were collected from the limits of the remedial excavation. The terminal and vertical limits of the remedial excavation were determined solely by laboratory analytical results and the demonstrated attainment of the selected CULs.

The total volume of contaminated soil removed from AOPC-4 was 126.35 tons based upon disposal weight tickets.

No ground water was encountered in AOPC-4 to the total depth of 11 feet bgs during the remedial excavation. This finding is consistent with the findings of the RI, which indicated that shallow ground water is not present in the eastern portion of the subject property.

6.2 Performance Sampling

A total of nine performance soil samples were collected during the remedial excavation at AOPC-4. Each of these samples was from either the sidewalls or bottom of the final limits of the remedial excavation and represent final performance samples. The locations and lab results of the performance samples are indicated on Figure 8.

All performance samples were submitted for the following analyses:

- GRO using the Northwest Total Petroleum Hydrocarbons as Gasoline (NWTPH-Gx) Method;
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) by U.S. Environmental Protection Agency (EPA) Method 8021B and;
- DRO and HRO using the Northwest Total Petroleum Hydrocarbons as Diesel extended to included higher-range hydrocarbons (NWTPH-Dx) Method.

Samples collected from the bottom of the former 10,000-gallon UST and the 1,120-gallon UST were also submitted for analysis of total lead using EPA Method 6010B.

6.3 Analytical Results

A summary of the performance sample analytical results for AOPC-4 is provided in Table 4. Copies of the laboratory reports are provided in Attachment D.

All analytical results from the final limits of the remedial excavation complied with the selected CULs for all COCs at the Site. Based on the analytical results for the final performance samples, AOPC-4 fully complies with the CULs for all COCs throughout the sidewalls and bottom of the remedial excavation. No additional remedial actions are necessary to comply with the MTCA Method A Standard.

7.0 AOPC-5

As noted above, AOPC-5 was not originally anticipated in the RAWP and is an outgrowth of conditions encountered during the remedial excavation in AOPC-2. The southern extent of AOPC-2 is collected with the northern extent of AOPC-5.

As the remedial excavation of AOPC-2 progressed south of the Former Storage Building, field observations indicated that impacts to soil and water south of AOPC-2 were more laterally extensive than originally anticipated. At that point, the remedial excavation of AOPC-2 was stopped and an investigation was conducted to assess the extent of excavation necessary to attain CULs for the Site.

The following sections summarize the Test Pit Investigation undertaken to assess the apparent extent of necessary remediation in AOPC-5, and also summarize the resulting remedial actions.

7.1 Test Pit Investigation

EPI completed 12 test pits in the area south of AOPC-2 as part of the Test Pit Investigation. Test pitting was used because of ready Site access to the excavation equipment, the relatively shallow depth of required exploration, and the large observable area provided by test pits. Excavation of test pits also provided a reliable analog for conditions that would be expected during any subsequent remedial excavation. The locations of the test pits completed during the Test Pit Investigation are shown in Figure 9.

Subsurface conditions encountered within the test pits consisted of 3 to 7 feet of mixed construction debris and other debris, which was apparently placed historically as a fill material. The fill material was underlain by an organic, loamy soil down to the maximum depth of exploration of about 9 feet bgs. The native soil is consistent with the organic rich clayey soils common in the Mercer Slough area. Some of the fill materials contained apparent petroleum hydrocarbon impacts based on visual indications, odor, PID measurements and sheen testing.

The native soil has a low permeability and acted as a perching layer for local shallow water, which accumulated at the surface of the native soils. Water in the test pits closest to AOPC-2 including Test Pit #4 and Test Pit #10 had a visible sheen.

The test pit soils and ground water were sampled based on the field indications of contamination. Soil and water samples were collected from each of the 12 test pits. Soil samples were generally collected from the bottom of the fill and approximately 6 inches above the native soil zone. One additional soil sample was collected from beneath the OWS after additional soil had been removed. Soil samples were collected directly from the excavator bucket. All soil samples were collected in pre-cleaned, laboratory-supplied glass containers. Soil samples from Test Pit #8 and Test Pit #10 were field extracted using EPA Method 5035 with laboratory-supplied extraction kits. No composite samples were collected and all sampling equipment was either single-use or was decontaminated prior to use.

Water samples were collected using a disposable bailer, from each of the test pits where water was present. Water in Test Pit #13 recharged slowly and was sampled several days after the other test pits. All performance soil and ground water samples were submitted for the following analyses:

- DRO and HRO using the NWTPH-Dx Method.

Soil and ground water samples collected from Test Pit # 8, Test Pit #10, near the OWS, and South of the OWS were also submitted for:

- GRO using the NWTPH-Gx Method; and
- Volatile Organic Compounds (VOCs) using the EPA Method 8260B.

These analyses served to identify any additional COCs that may be present in AOPC-5 which may not have been originally assessed during the RI.

Figure 9 illustrates the location of the 12 test pits and the sampling results for all performance soil and ground water samples. Table 5 summarizes the soil sample analytical results and Table 8 summarizes the ground water sample results for the Test Pit Investigation. Copies of the laboratory reports are provided in Attachment D.

Soil Sample Analytical Results

Only DRO and HRO were detected in soil at a concentration exceeding the CULs or a MTCA Method A or Method B soil cleanup level.

DRO was detected in a soil sample from Test Pit #3 at a concentration of 5,900 mg/kg. The CUL for DRO is 2,000 mg/kg. DRO was also detected in Test Pit #4 and Test Pit #6 but at concentrations below the CUL.

HRO was detected in soil from Test Pit #3 at a concentration was 6,800 mg/kg and in a soil sample from Test Pit #13 at a HRO concentration of 2,100 mg/kg. The CUL for HRO is 2,000 mg/kg. HRO was also detected in samples from Test Pit #4, Test Pit #5, Test Pit #6, Test Pit #8, Test Pit #14, and the bottom of the OWS location but at concentrations below the CUL.

Ground Water Sample Analytical Results

Only DRO and HRO were detected in ground water samples at a concentration exceeding the CULs or a MTCA Method A ground water cleanup level.

DRO was detected in a ground water sample from Test Pit #4, and from two locations near the former OWS, at concentrations exceeding the CUL of 500 µg/L. The detected DRO concentrations ranged from 950 µg/L to 2,000 µg/L.

HRO was detected in ground water samples from Test Pit #4, Test Pit #10, Test Pit #14 and in two locations near the former OWS at concentrations exceeding the CUL of 500 µg/L. The detected HRO concentrations ranged from 600 µg/L to 18,000 µg/L.

Based on the soil and ground water results obtained from the Test Pit Investigation, an area measuring approximately 70 feet long (north to south) and 50 feet wide (east to west) was identified to the south of AOPC-2 as requiring additional remedial action. This area is indicated on Figure 7 and was identified as AOPC-5 with COCs consisting of DRO and HRO. The CULs developed for AOPC-2 were deemed applicable to AOPC-5.

7.4 Remedial Excavation

The following section provides a detailed description of the remedial excavation in AOPC-5.

7.4.1 Permit Modification

The estimated volume of remedial excavation in AOPC-5 exceeded the volume within the original City of Bellevue permits for the Site. After the volume of impacted debris to be removed was estimated, the City of Bellevue was contacted to revise the Clear and Grade and Transportation permits. Permitting personnel were able to modify the existing permits to reflect the additional soil volume to be removed and extend the permit expiration dates. The Clear and Grade permit was modified to extend the silt fencing and straw wattle erosion control features approximately 150 feet farther east. Both the Clear and Grade and Transportation inspectors performed additional site inspections prior to the start of excavation in AOPC-5 and after excavation and site restoration were completed.

7.4.2 Excavation

Excavation at AOPC-5 was conducted in October 2012, approximately one month after completion of the remedial excavations at AOPC-1, AOPC-2, and AOPC-4.

Excavation at AOPC-5 began at the prior southwestern sidewall of AOPC-2 and progressed to the south. The excavation was guided by the results of the Test Pit Investigation and by field screening of the excavated materials. The remedial excavation extended to encompass all of the impacted test pits and apparent impacts. The depth of excavation in AOPC-5 was typically 8 feet below grade. The excavation fully penetrated the debris fill material and typically extended about 12 inches into the underlying native soils.

The final extent of AOPC-5 is indicated on Figure 10.

The total volume of contaminated material removed from the AOPC-5 was 1,359.73 tons based on disposal weight tickets.

During excavation portions of AOPC-5 accumulated ground water. As with other AOPCs, that ground water was sampled, extracted, allowed to recharge and then resampled as an indication of the effectiveness of the remedial actions.

7.4.3 Performance Sampling

A total of 35 performance soil samples were collected during the remedial excavation. Twenty-four of these samples were collected from the terminal limits of the excavation and represent conditions at the final lateral and vertical limits of the remedial excavation. The other 11 samples were over excavated based on laboratory results. An additional four samples were collected from the stockpile of impacted soil prior to disposal. The locations of all performance samples are indicated on Figure 10 and the location of final performance samples are indicated on Figure 11.

The final remedial excavation was approximately 8 feet deep, however, the area east of the former OWS on the northern portion of AOPC-5 was excavated to a depth of 9 feet bgs. Performance sidewall samples were collected at a frequency of about one for every 15 linear feet.

All performance samples were submitted for the following analyses:

- DRO and HRO using NWTPH-Dx Method.

Due to sampling depths and health and safety considerations, samples were, in most instances, collected directly from the excavator bucket.

The final limits of the excavation were based solely upon laboratory analytical data provided by OnSite Environmental, Inc., a fixed-base laboratory located in Redmond, Washington. The terminal limits of the remedial excavation were established when laboratory analytical results were in compliance with the CULs for all COCs in AOPC-5.

During the remedial excavation in AOPC-5, the open excavation accumulated about 12 inches of water. This water was sampled, extracted and allowed to recharge. This process was repeated until it was clearly demonstrated by the analytical results that water recharging into AOPC-5 complied with the MTCA Method A CULs for all COCs in ground water at AOPC-5. A total of 9,800 gallons of impacted ground water were removed from AOPC-5.

7.4.4 Analytical Results

Figure 10 illustrates the location and sampling results for all performance soil samples, including those that were subsequently over excavated based on their concentrations. A summary of the DRO and HRO analytical results for performance samples for soil is provided in Table 9. A summary of the DRO and HRO analytical results for ground water is provided in Table 10. Copies of the laboratory reports are provided in Attachment D.

Soil

Of the 35 performance samples collected during remedial excavation of AOPC-5, 24 represent soil conditions at the terminal limits of the remedial excavation and are representative of the post-remedial soil conditions at AOPC-5. The remaining samples were interim samples that were used to guide the excavation and were subsequently over excavated based on laboratory results.

All analytical results from the final limits of the remedial excavation complied with the selected CULs for all COCs in AOPC-5. Based on the analytical results for the final performance samples, AOPC-5 fully complies with the CULs for all COCs throughout the sidewalls and bottom of the remedial excavation. No additional remedial actions are necessary to comply with the MTCA Method A Standard.

Ground Water

Two ground water samples were collected from the open excavation at AOPC-5. These analytical results are summarized in Table 10.

The initial ground water sample, collected on October 5, 2012, did not contain a detectable concentration of DRO and contained an HRO concentration of 2.7 µg/L. The HRO concentration is below the CUL of 500 µg/L.

After ground water extraction and recharge, a second water sample collected on October 10, 2012 to confirm the results of the initial sample. No detectable DRO or HRO were present in the second sample, and those samples therefore comply with the CUL for ground water.

These data clearly demonstrate compliance with the ground water CULs and compliance with the MTCA Method A Standard in AOPC-5. Therefore, no additional ground water sampling or remediation are required in AOPC-5.

7.4.5 Infiltration Gallery Installation

As with AOPC-1 an infiltration gallery was installed within the combined open remedial excavation for AOPC-2 and AOPC-5.

The infiltration gallery consisted of a network of four piping runs placed within the remedial excavation. The horizontal sections of the infiltration piping were bedded in a 1-foot thick base of pea gravel. Each horizontal pipe was connected to a vertical riser and each of the risers was terminated in an

aboveground plastic vault installed at the northeast corner of the excavation. The piping network was constructed of 4-inch diameter Schedule 40 PVC with chemically welded connections. The horizontal portion of the gallery consisted of a section of 0.01-inch factory slotted screen fitted with end caps. The remainder of the piping was SCH 40 blank PVC routed to the vault. The horizontal piping was placed at a depth of about 7 feet below grade.

After placement the piping was covered with about 12 inches of pea gravel. This pea gravel was then covered with a woven geotextile fabric to prevent intrusion of fine materials from the overlying backfill.

The extent and configuration of this piping network is illustrated on Figure 12.

8.0 SITE RESTORATION

After the installation of the infiltration galleries at AOPC-1 and the combined excavation area for AOPC-2 and AOPC-5, the remaining excavations were backfilled with a mixture of unimpacted excavated overburden soil and imported Type 17 structural backfill. The material was compacted with the backhoe and excavator on 12 to 18-inch lifts to surface grade. The locations of the PVC pipe runs in the infiltration gallery were marked with risers to provide a line-of sight reference points in the event that ground water monitoring wells were required at a future date. The surface of the backfilled remedial excavations is gravel covered.

9.0 CONCLUSIONS

The following conclusions are supported by the findings of the Remedial Action:

- Soil in AOPC-1, AOPC-2, AOPC-4, and AOPC-5 has been fully remediated. Performance sampling at each of these areas clearly indicates that soil throughout the lateral and vertical limits of the remedial excavations are in compliance with the CULs for the site and the MTCA Method A Standard.
- Ground water in AOPC-1, AOPC-2 and AOPC-5 has been fully remediated. As noted above, all source material for potential impacts to ground water was removed during the remedial excavation. Subsequent serial performance sampling of ground water recharging into the open excavation demonstrated that recharging ground water repeatedly complied with the CULs and the MTCA Method A Standard. Shallow ground water is not present in the area of AOPC-4.
- Impacts to soil identified in AOPC-3 remain beneath the concrete floor of the service bay in the Main Building. Those impacts are fully capped and it has been demonstrated during the RI that ground water is not present in this location. Residual impacts at AOPC-3 do not represent a threat to human health or the environment and will be addressed through excavation and off-site disposal at the time of redevelopment of the subject property. The Buss LLC proposes to address the residual impacts at AOPC-3 through the use of an Environmental Covenant.

10.0 REQUEST FOR NO FURTHER ACTION DETERMINATION

It is EPI's opinion that the Remedial Action performed at the Site complies with the substantive requirements of the MTCA regulation and satisfies the MTCA Method A Standard for soil and ground water. No additional remedial action is possible or necessary in AOPC-1, AOPC-2, AOPC-4 and AOPC-5, and AOPC-3 does not represent a current threat to human health or the environment.

By submission of this report to the VCP, Buss Investments LLC is requesting an NFA determination for the Site. The request for an NFA determination is supported by the following:

- The Site has been fully characterized in a manner consistent with the requirements of MTCA.
- All accessible contamination at the Site has been remediated in a manner consistent with the MTCA Method A Standard and performance sampling of soil and ground water indicate compliance with MTCA Method A cleanup levels throughout the completed remedial excavations. There is no threat of recontamination of the remediated areas and the remediated areas do not pose a threat to impact other areas of the subject property or other properties.
- Remaining impacts at the Site are limited to soil contamination beneath an active commercial structure and such impacts are not in contact with ground water and are not subject to surface infiltration and are therefore immobile and do not pose a threat of migration beyond their current locations. Buss Investments LLC is proposing implementing an appropriate Environmental Covenant to address these known impacts and to provide for their removal during a planned future redevelopment of the subject property.

Therefore, in its current condition, the Site no longer poses a threat to human health or the environment and no further remedial actions are appropriate or reasonably possible at this time. Buss Investments LLC therefore respectfully requests an NFA determination for the VCP Site No. NW 2565.

11.0 LIMITATIONS

To the extent that preparation of this RA Report has required the application of best professional judgment and the application of scientific principles, certain results of this work have been based on subjective interpretation. We make no warranties express or implied, including and without limitation, warranties as to merchantability or fitness for a particular purpose. The information provided in this RAP is not to be construed as legal advice.

This RA report was prepared solely for Buss Investments LLC for the purposes documented herein and the contents herein may not be used or relied upon by any other person without the express written consent and authorization of Environmental Partners, Inc.

Tables

Table 2
Summary of Soil Remedial Excavation Analytical Results (mg/kg)
Area of Potential Concern 1 (AOPC-1)
Buss LLC Property
969 118th Avenue Southeast - Bellevue, Washington

Sample Identification	Collection Date	Depth (Feet)	Collected from Terminal Limits of Excavation	Petroleum Hydrocarbons			Aromatic Hydrocarbons ^c					Metals ^d
				Gasoline-Range Petroleum Hydrocarbons (GRO) ^a	Diesel-Range Petroleum Hydrocarbons (DRO) ^b	Higher-Range Petroleum Hydrocarbons (HRO) ^b	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	Lead
AOPC1-1	8/17/12	6	X	<3.8	--	--	<0.020	<0.038	<0.038	<0.038	<0.038	<5.5
AOPC1-2	8/17/12	6	X	<4.0	--	--	<0.020	<0.040	<0.040	<0.040	<0.040	--
AOPC1-3	8/17/12	6	X	5.9	--	--	<0.020	<0.041	<0.041	0.12	0.058	--
AOPC1-4	8/17/12	6	X	8.0	--	--	0.040	<0.065	<0.065	<0.065	<0.065	--
AOPC1-5	8/17/12	6	X	<6.6	--	--	<0.020	<0.066	<0.066	<0.066	<0.066	--
AOPC1-6	8/17/12	6	X	<31	--	--	0.02 JB	<0.31	<0.31	<0.31	<0.31	--
AOPC1-7	8/17/12	6		650	--	--	6.5	0.40	6.2	5.8	<0.15	--
AOPC1-8	8/17/12	6		980	--	--	2.9	0.83	6.5	18	6.5	--
AOPC1-9	8/17/12	9	X	<5.6	--	--	0.027	<0.056	<0.056	<0.056	<0.056	--
AOPC1-10	8/20/12	6	X	<26	--	--	<0.052	<0.26	<0.26	<0.26	<0.26	--
AOPC1-11	8/20/12	6	X	<4.0	--	--	<0.020	<0.040	<0.040	<0.040	<0.040	--
AOPC1-12	8/22/12	7	X	8.6	--	--	<0.020	<0.075	<0.075	<0.075	<0.075	--
AOPC1-13	8/22/12	7	X	<5.8	--	--	<0.020	<0.058	<0.058	<0.058	<0.058	--
AOPC1-14	8/22/12	7	X	<2.5	--	--	<0.020	<0.025	<0.025	<0.025	<0.025	--
AOPC1-15	8/22/12	7	X	<8.4	--	--	<0.022	<0.084	<0.084	<0.084	<0.084	--
AOPC1-16	8/22/12	11	X	<5.8	--	--	<0.020	<0.058	<0.058	<0.058	<0.058	--
AOPC1-17	8/22/12	11	X	<6.1	--	--	<0.020	<0.061	<0.061	<0.061	<0.061	--
AOPC1-18	8/24/12	7	X	<5.6	--	--	<0.020	<0.056	<0.056	<0.056	<0.056	--
AOPC1-19	8/24/12	8	X	<5.0	--	--	<0.020	<0.050	<0.050	<0.050	<0.050	--
AOPC1-20	8/24/12	6	X	<5.3	--	--	<0.020	<0.053	<0.053	<0.053	<0.053	--
Test Pit #2-North	8/15/12	4		<5.7	--	--	<0.020	<0.057	<0.057	<0.057	<0.057	--
	8/15/12	7		<4.7	--	--	<0.020	<0.047	<0.047	<0.047	<0.047	--
	8/15/12	10	X	<4.4	--	--	<0.020	<0.044	<0.044	<0.044	<0.044	--
Test Pit #2-Mid	8/15/12	7		310	--	--	0.93	<0.19	3.0	8.7	1.3	--
Test Pit #2-South	8/15/12	6		21	--	--	0.082	<0.080	0.14	0.16	<0.080	--
Soil Cleanup Levels ^g				30/100^e	2,000	2,000	0.03	7	6	g^f		250

NOTES:

- a Using NWTPH-Gx Methods
- b Using NWTPH-Dx Methods
- c Using EPA Method 8021B
- d Using EPA Method 6010B
- e 100 mg/kg for GRO mixtures without benzene and a total of toluene, ethylbenzene, and xylenes less than 1% of the GRO mixture; otherwise 30 mg/kg
- f MTCA Method A Cleanup Level for total Xylenes
- g Cleanup Levels presented in RAWP (2012). Based on MTCA Method A CULs for Unrestricted Land Uses
- Bolded** Indicates a detection above the Method Detection Limit
- Bolded & Shaded** Exceeds MTCA Method A cleanup level
- X** Indicates sample collected from the terminal limits of the AOPC-1 remedial excavation
- Indicates sample was not analyzed for this analyte
- J All concentrations in milligrams per kilogram (mg/kg)
- J The value reported was below the practical quantitation limit. The value is an estimate.
- B The analyte indicated was also found in the blank sample.

Table 3
Summary of Soil Remedial Excavation Analytical Results (mg/kg)
Area of Potential Concern 2 (AOPC-2)
Buss LLC Property
969 118th Avenue Southeast - Bellevue, Washington

Sample Identification	Collection Date	Depth (Feet)	Collected from Terminal Limits of Excavation	Petroleum Hydrocarbons			Aromatic Hydrocarbons ^c					Metals ^d
				Gasoline-Range Petroleum Hydrocarbons (GRO) ^a	Diesel-Range Petroleum Hydrocarbons (DRO) ^b	Higher-Range Petroleum Hydrocarbons (HRO) ^b	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	Lead
AOPC2-1 (Preliminary Sample - Not Analyzed)	8/9/12	8		--	<75	<150	--	--	--	--	--	--
AOPC2-2	8/13/12	5	X	--	<32	<64	--	--	--	--	--	--
AOPC2-3	8/13/12	5	X	--	<32	<64	--	--	--	--	--	--
AOPC2-4	8/13/12	5	X	--	<32	<64	--	--	--	--	--	--
AOPC2-5	8/13/12	5	X	--	130	<150	--	--	--	--	--	--
AOPC2-6	8/13/12	7	X	--	110	<150	--	--	--	--	--	--
AOPC2-7	8/13/12	7	X	--	<98	<200	--	--	--	--	--	--
AOPC2-8	8/13/12	5	X	--	120	<82	--	--	--	--	--	--
AOPC2-9	8/14/12	5	X	--	210	480	--	--	--	--	--	--
AOPC2-10	8/14/12	5	X	--	<27	54	--	--	--	--	--	--
AOPC2-11	8/14/12	5	X	--	<27	<54	--	--	--	--	--	--
AOPC2-12	8/14/12	7	X	--	190	250	--	--	--	--	--	--
AOPC2-13 (Trench-SWC)	8/10/12	6	X	<12	<36	74	<0.023	<0.12	<0.12	<0.12	<0.12	--
AOPC2-14 (Trench-South)	8/10/12	5		--	1,900	190	--	--	--	--	--	--
AOPC2-15 (Trench-North)	8/10/12	4		--	1,100	120	--	--	--	--	--	--
AOPC2-16 (Trench-NWC)	8/10/12	7	X	--	<44	<88	--	--	--	--	--	--
AOPC2-17 (Trench-SEC)	8/10/12	5		--	980	6,200	--	--	--	--	--	--
AOPC2-18 (Trench-NEC)	8/10/12	5		--	4,300	350	--	--	--	--	--	--
AOPC2-19 (Trench-East Base)	8/10/12	8	X	--	<31	<62	--	--	--	--	--	--
Test Pit #1 (Base)	8/10/12	6		--	<780	5,000	--	--	--	--	--	--
Test Pit #1 (Base)	8/14/12	7		--	640	4,800	--	--	--	--	--	--
Test Pit #1 (North)	8/14/12	5		--	63	440	--	--	--	--	--	--
Test Pit #1 (East)	8/14/12	5		--	48	210	--	--	--	--	--	--
Test Pit #1 (Base)	8/17/12	8		<43	140	280	<0.086	<0.43	<0.43	<0.43	<0.43	--
OWS-West	8/22/12	5	X	--	<87	240	--	--	--	--	--	--
OWS-East	8/22/12	5		--	<1,500	9,900	--	--	--	--	--	--
OWS-South	8/22/12	5		--	<3,800	22,000	--	--	--	--	--	--
Soil Cleanup Levels ^g				30/100 ^e	2,000	2,000	0.03	7	6	9 ^f		250

NOTES:

- a Using NWTPH-Gx Methods
- b Using NWTPH-Dx Methods
- c Using EPA Method 8021B
- d Using EPA Method 6010B
- e 100 mg/kg for GRO mixtures without benzene and a total of toluene, ethylbenzene, and xylenes less than 1% of the GRO mixture; otherwise 30 mg/kg
- f MTCA Method A Cleanup Level for total Xylenes
- g Cleanup Levels presented in RAWP (2012) Based on MTCA Method A CULs for Unrestricted Land Uses
- Bolded** Indicates a detection above the Method Detection Limit
- Bolded & Shaded** Exceeds applicable cleanup level
- X** Indicates sample collected from the terminal limits of the remedial excavation
- Indicates sample was not analyzed for this analyte
- All concentrations in milligrams per kilogram (mg/kg)

Table 4
Summary of Soil Remedial Excavation Analytical Results (mg/kg)
Area of Potential Concern 4 (AOPC-4)
Buss LLC Property
969 118th Avenue Southeast - Bellevue, Washington

Sample Identification	Collection Date	Depth (Feet)	Collected from Terminal Limits of Excavation	Petroleum Hydrocarbons			Aromatic Hydrocarbons ^c					Metals ^d
				Gasoline-Range Petroleum Hydrocarbons (GRO) ^a	Diesel-Range Petroleum Hydrocarbons (DRO) ^b	Higher-Range Petroleum Hydrocarbons (HRO) ^b	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	Lead
AOPC4-North	8/27/12	8	X	<5.6	<27	<54	<0.020	<0.056	<0.056	<0.056	<0.056	--
AOPC4-South	8/27/12	8	X	<5.6	<29	<58	<0.020	<0.056	<0.056	<0.056	<0.056	--
AOPC4-East	8/27/12	8	X	<4.4	<26	<53	<0.020	<0.044	<0.044	<0.044	<0.044	--
AOPC4-West	8/27/12	8	X	<4.7	<28	<58	<0.020	<0.047	<0.047	<0.047	<0.047	--
AOPC4-Bottom	8/27/12	11	X	<4.5	250	240	<0.020	<0.045	<0.045	<0.045	<0.045	<5.4
AOPC4-UST-South	8/27/12	6	X	<5.3	<29	<58	<0.020	<0.053	<0.053	<0.053	<0.053	--
AOPC4-UST-East	8/27/12	6	X	<4.7	<27	<55	<0.020	<0.047	<0.047	<0.047	<0.047	--
AOPC4-UST-West	8/27/12	6	X	<5.7	200	180	<0.020	<0.057	<0.057	<0.057	<0.057	--
AOPC4-UST-Bottom	8/27/12	8	X	<5.1	1,900	1,200	<0.020	<0.051	<0.051	<0.051	<0.051	<5.7
Soil Cleanup Levels ^g				30/100 ^e	2,000	2,000	0.03	7	6	9 ^f		250

NOTES:

- a Using NWTPH-Gx Methods
- b Using NWTPH-Dx Methods
- c Using EPA Method 8021B
- d Using EPA Method 6010B
- e 100 mg/kg for GRO mixtures without benzene and a total of toluene, ethylbenzene, and xylenes less than 1% of the GRO mixture; otherwise 30 mg/kg
- f MTCA Method A Cleanup Level for total Xylenes
- g Cleanup Levels presented in RAWP (2012). Based on MTCA Method A CULs for Unrestricted Land Uses
- Bolded** Indicates a detection above the Method Detection Limit
- Bolded & Shaded** Exceeds applicable cleanup level
- X** Indicates sample collected from the terminal limits of the remedial excavation
- Indicates sample was not analyzed for this analyte
- All concentrations in milligrams per kilogram (mg/kg)

Table 5
Summary of Soil Sample Analytical Results (mg/kg)
Test Pit Investigation
Buss LLC Property
969 118th Avenue Southeast - Bellevue, Washington

Sample Identification	Collection Date	Depth (Feet)	Petroleum Hydrocarbons			Aromatic Hydrocarbons ^c					Metals ^d
			Gasoline-Range Petroleum Hydrocarbons (GRO) ^a	Diesel-Range Petroleum Hydrocarbons (DRO) ^b	Higher-Range Petroleum Hydrocarbons (HRO) ^b	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	Lead
Test Pit #1 (Within AOPC-2)	--	--	--	--	--	--	--	--	--	--	--
Test Pit #2 (Within AOPC-1)	--	--	--	--	--	--	--	--	--	--	--
Test Pit #3	8/24/12	7	--	5,900	6,800	--	--	--	--	--	--
Test Pit #4	8/24/12	6.5	--	40	160	--	--	--	--	--	--
Test Pit #5	8/24/12	7	--	<28	190	--	--	--	--	--	--
Test Pit #6	8/24/12	7	--	59	200	--	--	--	--	--	--
Test Pit #7	8/24/12	7	--	<44	<87	--	--	--	--	--	--
Test Pit #8	8/29/12	6.5	<24	<180	1,000	<0.0025	<0.013	<0.0020	<0.0039	<0.0020	--
Test Pit #9	8/29/12	7	--	<82	<160	--	--	--	--	--	--
Test Pit #10	8/29/12	6	<28	<93	<190	<0.0029	<0.05	<0.0029	<0.0059	<0.0029	--
Test Pit #11	8/29/12	6.5	--	<30	<59	--	--	--	--	--	--
Test Pit #12	8/29/12	6	--	<45	<90	--	--	--	--	--	--
Test Pit #13	8/29/12	6	--	<320	2,100	--	--	--	--	--	--
Test Pit #14	8/29/12	7	--	<60	150	--	--	--	--	--	--
OWS	8/24/12	6	<10	<46	140	<0.0018	<0.0090	<0.0018	<0.0036	<0.0018	--
Soil Cleanup Levels ^g			30/100^e	2,000	2,000	0.03	7	6	9^f		250

NOTES:

- a Using NWTPH-Gx Methods
- b Using NWTPH-Dx Methods
- c Using EPA Method 8021B
- d Using EPA Method 6010B
- e 100 mg/kg for GRO mixtures without benzene and a total of toluene, ethylbenzene, and xylenes less than 1% of the GRO mixture; otherwise 30 mg/kg
- f MTCA Method A Cleanup Level for total Xylenes
- g Cleanup Levels presented in RAWP (2012). Based on MTCA Method A CULs for Unrestricted Land Uses
- Bolded** Indicates a detection above the Method Detection Limit
- Bolded & Shaded** Exceeds applicable cleanup level
- Indicates sample was not analyzed for this analyte
- All concentrations in milligrams per kilogram (mg/kg)

Table 6
Summary of Ground Water Analytical Results (µg/L)
Area of Potential Concern 1 (AOPC-1)
Buss LLC Property
969 118th Avenue Southeast - Bellevue, Washington

Sample Identification	Collection Date	Petroleum Hydrocarbons			Aromatic Hydrocarbons ^c				
		Gasoline-Range Petroleum Hydrocarbons (GRO) ^a	Diesel-Range Petroleum Hydrocarbons (DRO) ^b	Higher-Range Petroleum Hydrocarbons (HRO) ^b	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene
AOPC1-Water	8/22/12	1,800	--	--	18	12	83	77	12
AOPC1-Water	8/27/12	130	--	--	3.5	<1.0	2.5	3.9	<1.0
AOPC1-Water	8/29/12	<100	--	--	1.7	<1.0	1.3	2.0	<1.0
Ground Water Cleanup Levels ^f		800/1,000^d	500	500	5	1,000	700	1000^e	

NOTES:

- a Using NWTPH-Gx Methods
 - b Using NWTPH-Dx Methods
 - c Using EPA Method 8021B
 - d 800 ug/L when Benzene is present in groundwater, otherwise 1,000 ug/L
 - e MTCA Method A Cleanup Level for total Xylenes
 - f Cleanup Levels presented in RAWP (2012). Based on MTCA Method A CULs
 - Bolded** Indicates a detection above the Method Detection Limit
 - Bolded & Shaded** Exceeds applicable cleanup level
 - Indicates sample was not analyzed for this analyte
- All concentrations in micrograms per liter (µg/L)

Table 7
Summary of Ground Water Analytical Results (µg/L)
Area of Potential Concern 2 (AOPC-2)
Buss LLC Property
969 118th Avenue Southeast - Bellevue, Washington

Sample Identification	Collection Date	Petroleum Hydrocarbons			Aromatic Hydrocarbons ^c				
		Gasoline-Range Petroleum Hydrocarbons (GRO) ^a	Diesel-Range Petroleum Hydrocarbons (DRO) ^b	Higher-Range Petroleum Hydrocarbons (HRO) ^b	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene
AOPC2-Water	8/15/12	--	6,100	1,300	--	--	--	--	--
AOPC2-Water	8/20/12	--	440	600	--	--	--	--	--
AOPC2-Water	8/22/12	--	3,300	4,800	--	--	--	--	--
AOPC2-Water	8/30/12	--	<290	<460	--	--	--	--	--
AOPC2-Water	9/4/12	--	<260	<420	--	--	--	--	--
Test Pit #1-Water	8/20/12	--	<300	<490	--	--	--	--	--
Ground Water Cleanup Levels ^f		800/1,000 ^d	500	500	5	1,000	700	1,000 ^e	

NOTES:

- a Using NWTPH-Gx Methods
- b Using NWTPH-Dx Methods
- c Using EPA Method 8021B
- d 800 ug/L when Benzene is present in ground water, otherwise 1,000 ug/L
- e MTCA Method A Cleanup Level for total Xylenes
- f Cleanup Levels presented in RAWP (2012). Based on MTCA Method A CULs
- Bolded** Indicates a detection above the Method Detection Limit
- Bolded & Shaded** Exceeds applicable cleanup level
- Indicates sample was not analyzed for this analyte
- All concentration in micrograms per liter (µg/L)

Table 8
Summary of Ground Water Analytical Results (µg/L)
Test Pit Investigation
Buss LLC Property
969 118th Avenue Southeast - Bellevue, Washington

Sample Identification	Collection Date	Petroleum Hydrocarbons			Aromatic Hydrocarbons ^c				
		Gasoline-Range Petroleum Hydrocarbons (GRO) ^a	Diesel-Range Petroleum Hydrocarbons (DRO) ^b	Higher-Range Petroleum Hydrocarbons (HRO) ^b	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene
Test Pit #1 (within AOPC-2)	--	--	--	--	--	--	--	--	--
Test Pit #2 (within AOPC-1)	--	--	--	--	--	--	--	--	--
Test Pit #3	8/24/12	--	<260	<420	--	--	--	--	--
Test Pit #4	8/24/12	--	950	9,300	--	--	--	--	--
Test Pit #5	8/24/12	--	<270	<420	--	--	--	--	--
Test Pit #6	8/24/12	--	<260	<420	--	--	--	--	--
Test Pit #7	8/24/12	No Water Recovered							
Test Pit #8	8/29/12	<100	<260	<410	<1.0	<5.0	<1.0	<2.0	<1.0
Test Pit #9	9/4/12	--	<260	<420	--	--	--	--	--
Test Pit #10	8/29/12	<100	<1.0	6,200	<0.20	<1.0	<0.20	<0.40	230
Test Pit #11	8/29/12	--	<260	<420	--	--	--	--	--
Test Pit #12	8/29/12	--	<270	<440	--	--	--	--	--
Test Pit #13	9/5/12	--	<250	<400	--	--	--	--	--
Test Pit #14	8/29/12	--	<290	600	--	--	--	--	--
OWS	8/24/12	<400	2,000	18,000	<4.0	<20	<4.0	<8.0	<4.0
South of OWS	8/24/12	--	1,600	17,000	--	--	--	--	--
Ground Water Cleanup Levels ^f		800/1,000^d	500	500	5	1,000	700	1000^e	

NOTES:

- a Using NWTPH-Gx Methods
 - b Using NWTPH-Dx Methods
 - c Using EPA Method 8021B
 - d 800 ug/L when Benzene is present in ground water, otherwise 1,000 ug/L
 - e MTCA Method A Cleanup Level for total Xylenes
 - f Cleanup Levels presented in RAWP (2012). Based on MTCA Method A CULs
 - Bolded** Indicates a detection above the Method Detection Limit
 - Bolded & Shaded** Exceeds applicable cleanup level
 - Indicates sample was not analyzed for this analyte
- All concentrations in micrograms per liter (µg/L)

Table 9
Summary of Soil Remedial Excavation Analytical Results (mg/kg)
Area of Potential Concern 5 (AOPC-5)
Buss LLC Property
969 118th Avenue Southeast - Bellevue, Washington

Sample Identification	Collection Date	Depth (Feet)	Collected from Terminal Limits of Excavation	Petroleum Hydrocarbons	
				Diesel-Range Petroleum Hydrocarbons (DRO) ^a	Higher-Range Petroleum Hydrocarbons (HRO) ^a
AOPC5-1:6	10/5/12	6	X	<88	190
AOPC5-2:6	10/5/12	6		<720	4,500
AOPC5-3:7	10/5/12	7		720	4,100
AOPC5-4:6	10/5/12	6		290	2,100
AOPC5-5:6	10/5/12	6	X	<31	170
AOPC5-6:6	10/5/12	6	X	<29	<59
AOPC5-7:6	10/5/12	6	X	38	90
AOPC5-8:6	10/5/12	6	X	<75	190
AOPC5-9	10/4/12	NA		65	300
AOPC5-10	10/4/12	NA		<140	900
AOPC5-11	10/4/12	NA		<930	6,100
AOPC5-12	10/4/12	NA		<39	240
AOPC5-13	10/5/12	NA		<510	4,300
AOPC5-14:8	10/5/12	8	X	<100	260
AOPC5-15:8	10/5/12	8	X	<81	180
AOPC5-16:8	10/5/12	8	X	<55	110
AOPC5-17:6	10/8/12	6	X	290	1,400
AOPC5-18:8	10/8/12	8	X	<39	390
AOPC5-19:8	10/8/12	8	X	<41	<82
AOPC5-20:8	10/8/12	8	X	<53	170
AOPC5-21:6	10/8/12	6		900	14,000
AOPC5-22:6	10/8/12	6	X	<31	100
AOPC5-23:6	10/8/12	6	X	<35	<70
AOPC5-24	10/8/12	Stockpile		400	4,500
AOPC5-2:9	10/8/12	9	X	<180	<360
AOPC5-3:9	10/8/12	9	X	<170	370
AOPC5-4R:6	10/8/12	6		500	3,300
AOPC5-SP1	10/8/12	Stockpile		320	3,900
AOPC5-SP2	10/8/12	Stockpile		91	750
AOPC5-SP3	10/8/12	Stockpile		130	930
AOPC5-25:6	10/10/12	6	X	<28	<55
AOPC5-26:6	10/10/12	6	X	<66	<130
AOPC5-27:6	10/10/12	6	X	<72	<140
AOPC5-28:6	10/10/12	6		240	3,500
AOPC5-29:6	10/10/12	6	X	430	1,800
AOPC5-30:8	10/10/12	8	X	<130	<270
AOPC5-31:6	10/11/12	6	X	<130	<250
AOPC5-32:6 (Test Pit#15)	10/11/12	6	X	<110	<220
AOPC5-33:6	10/11/12	6	X	<43	<85
Soil Cleanup Levels ^b				2,000	2,000

NOTES:

a

Using NWTPH-Dx Methods

b

Cleanup Levels presented in RAWP (2012). Based on MTCA Method A CULs

Bolded

Indicates a detection above the Method Detection Limit

Bolded & Shaded

Exceeds applicable cleanup level

X

Indicates sample collected from the terminal limits of the remedial excavation

--

Indicates sample was not analyzed for this analyte

All concentrations in milligrams per kilogram (mg/kg)

Table 10
Summary of Ground Water Analytical Results (µg/L)
Area of Potential Concern 5 (AOPC-5)
Buss LLC Property
969 118th Avenue Southeast - Bellevue, Washington

Sample Identification	Collection Date	Petroleum Hydrocarbons	
		Diesel-Range Petroleum Hydrocarbons (DRO) ^a	Higher-Range Petroleum Hydrocarbons (HRO) ^a
AOPC5-Water	10/5/12	<0.41	2.7
AOPC5-Water	10/10/12	<0.26	<0.42
AOPC5-Water (Test Pit #15)	10/11/12	<0.26	<0.41
Ground Water Cleanup Levels^b		500	500

NOTES:

a Using NWTPH-Dx Methods

b Cleanup Levels presented in RAWP (2012). Based on MTCA Method A CULs
Indicates a detection above the Method Detection Limit

Bolded

Bolded & Shaded

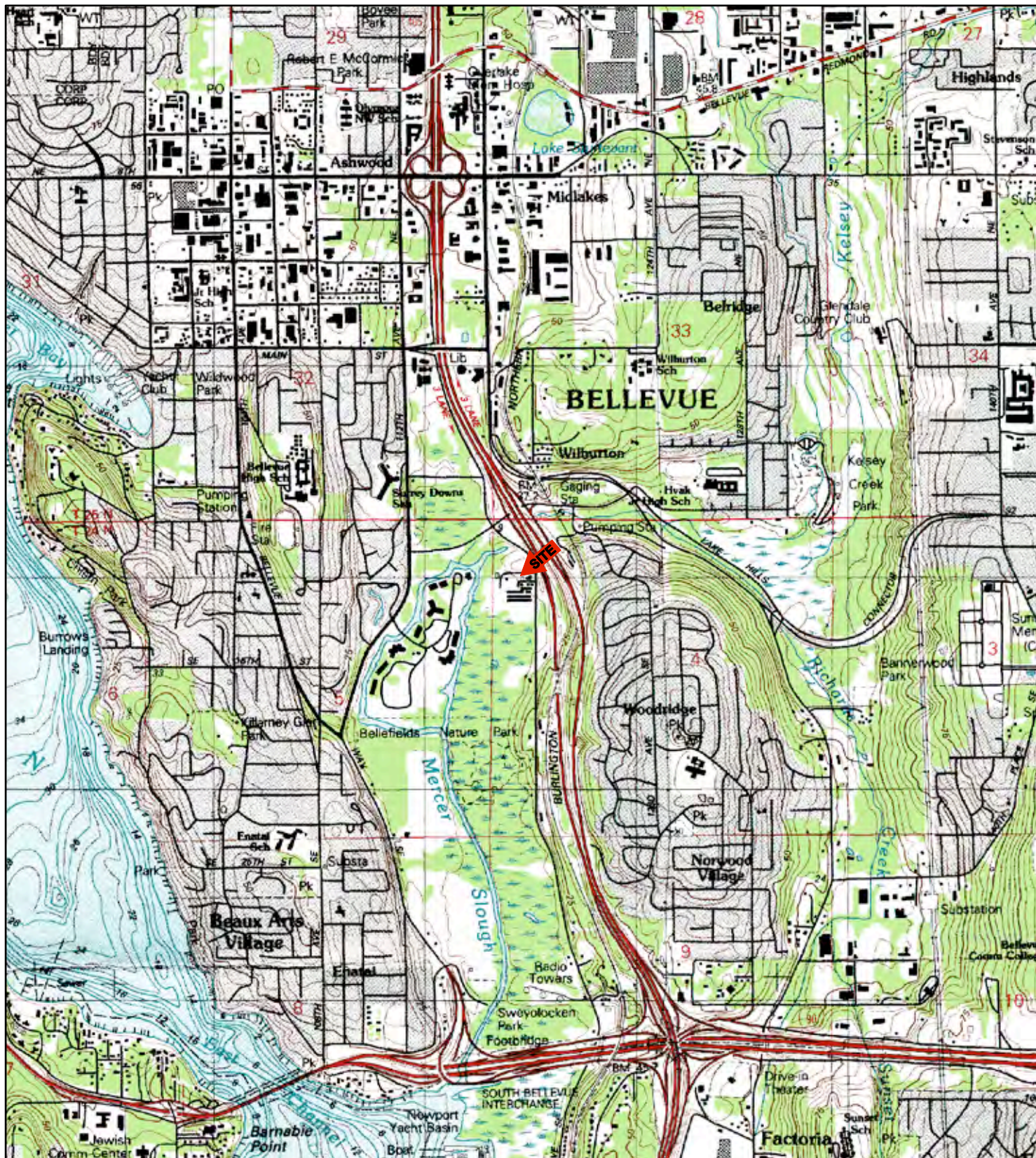
Exceeds applicable cleanup level

--

Indicates sample was not analyzed for this analyte

All concentration in micrograms per liter (µg/L)

Figures



KEY:

SOURCE: USGS 7.5 MINUTE QUADRANGLE
(TOPOGRAPHIC)

BELLEVUE SOUTH, WASHINGTON
1977

REVISED 1983



SCALE = 1:25,000



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FIGURE 1

GENERAL VICINITY MAP

PROJECT

62401.1

**PREPARED
FOR**

BUSS LLC

LOCATION

969 118TH AVENUE SE
BELLEVUE, WASHINGTON

SHEET
1 of 1

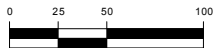
DRAWN BY
JHR

REVIEWED BY
GAM

DATE
1/3/13



KEY:



APPROXIMATE SCALE: 1" = 100'

- PROPERTY LINE
- APPROXIMATE LIMIT OF AREA OF POTENTIAL CONCERN (AOPC)

SOURCE: AERIAL PHOTOGRAPH OBTAINED FROM GOOGLE EARTH.



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FIGURE 2

SITE REPRESENTATION

PROJECT

62401.1

PREPARED FOR

BUSS LLC

LOCATION

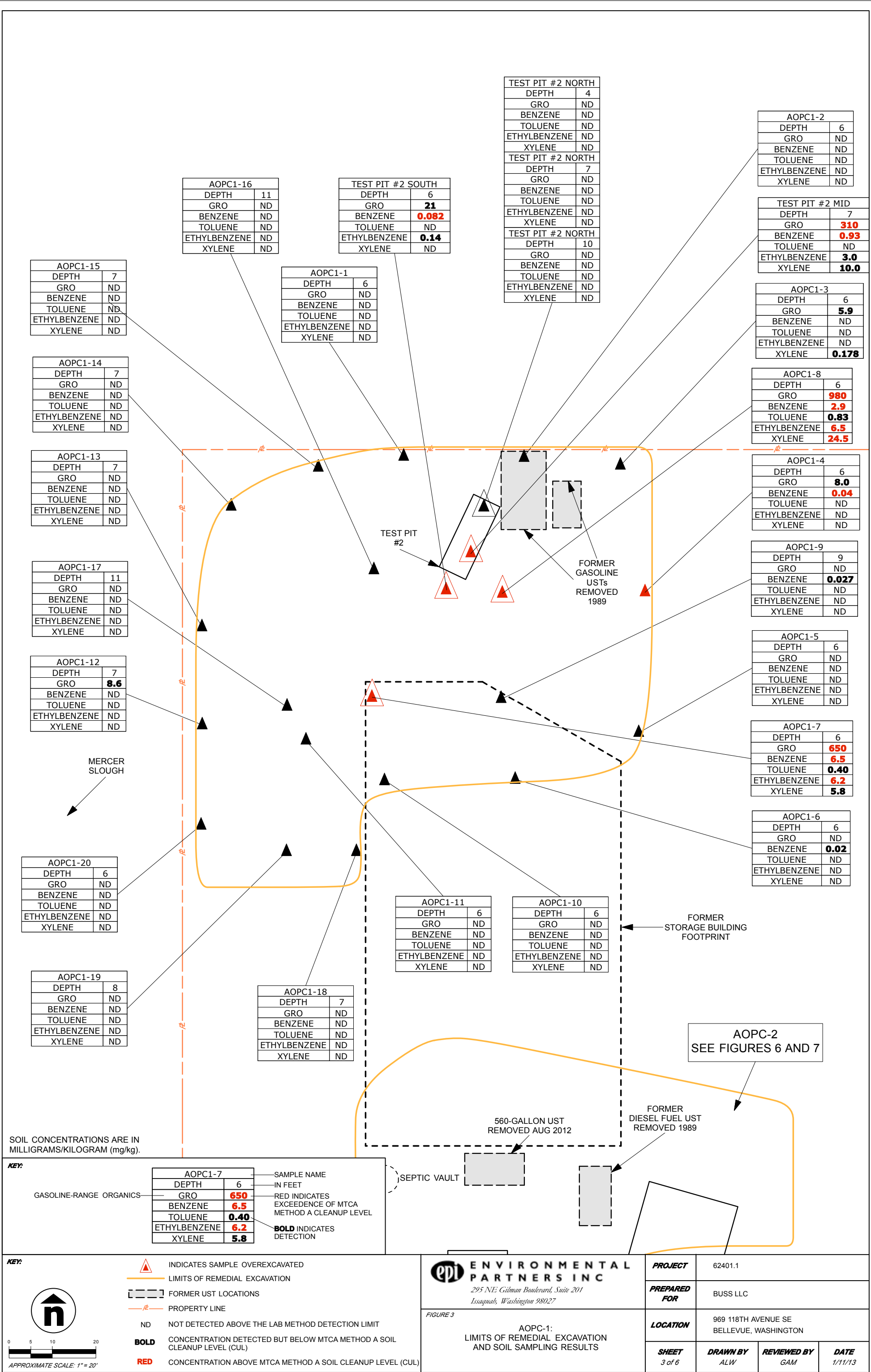
969 118TH AVENUE SE
BELLEVUE, WASHINGTON

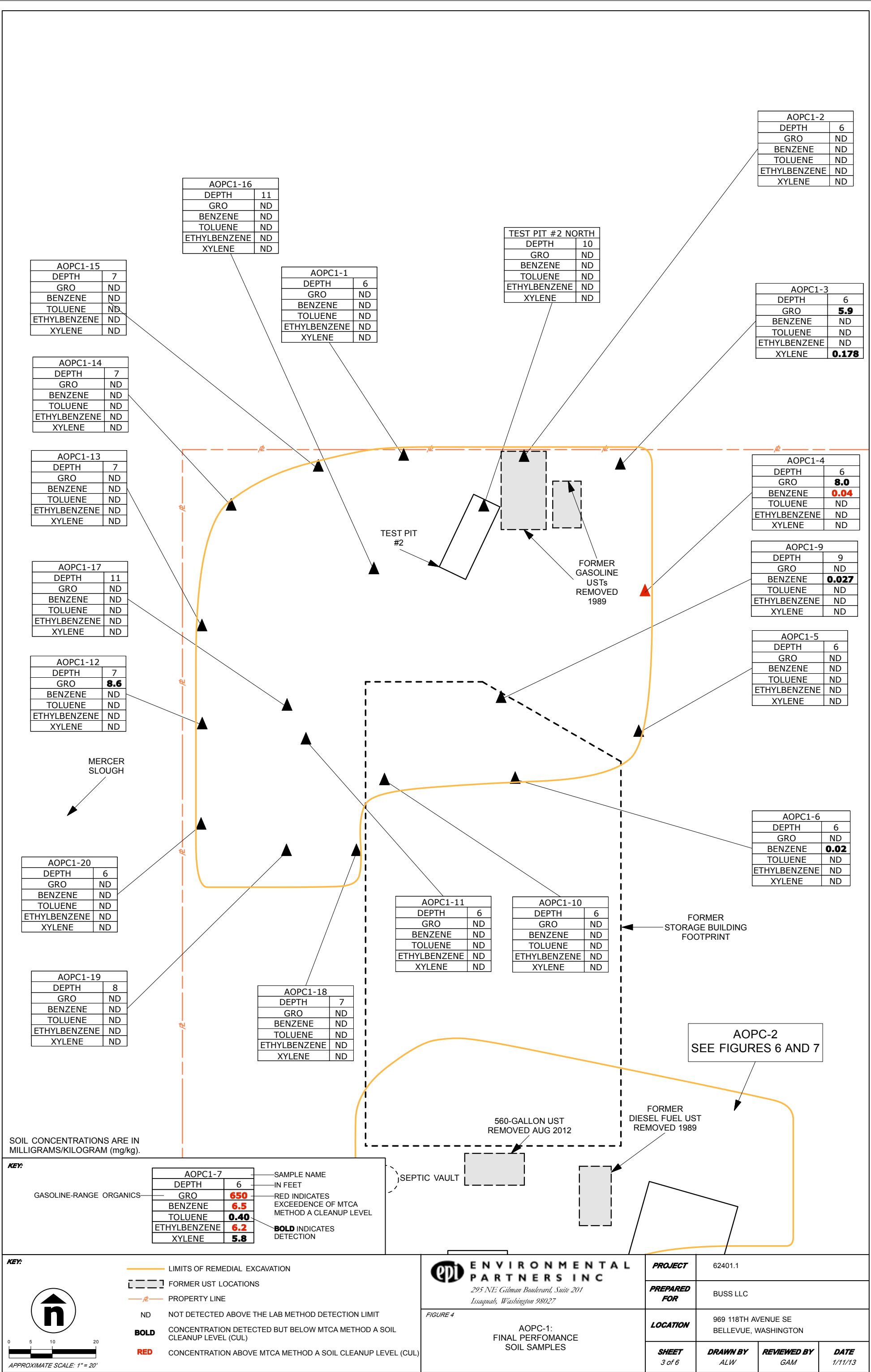
SHEET
1 of 1

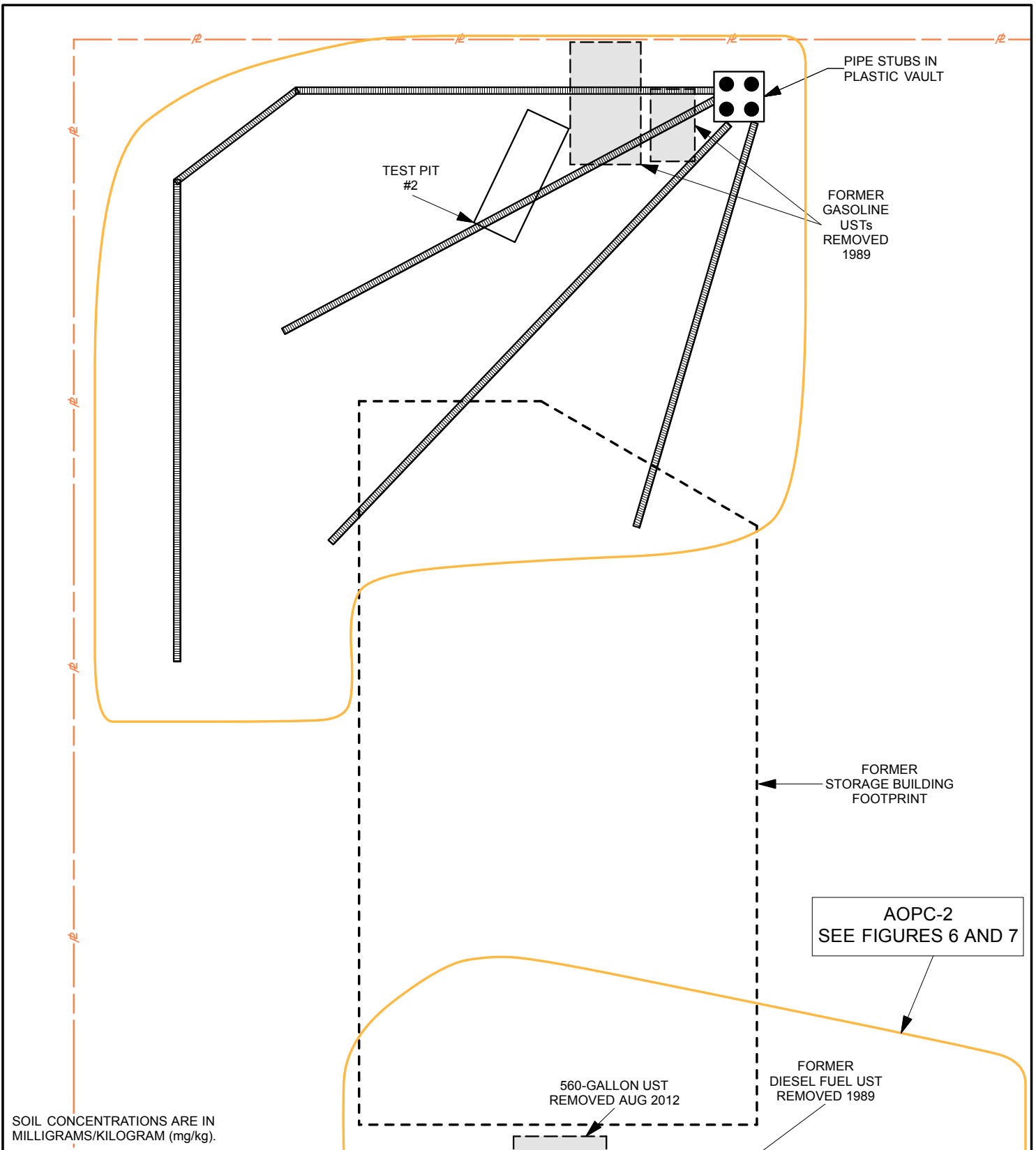
DRAWN BY
ALW

REVIEWED BY
GAM

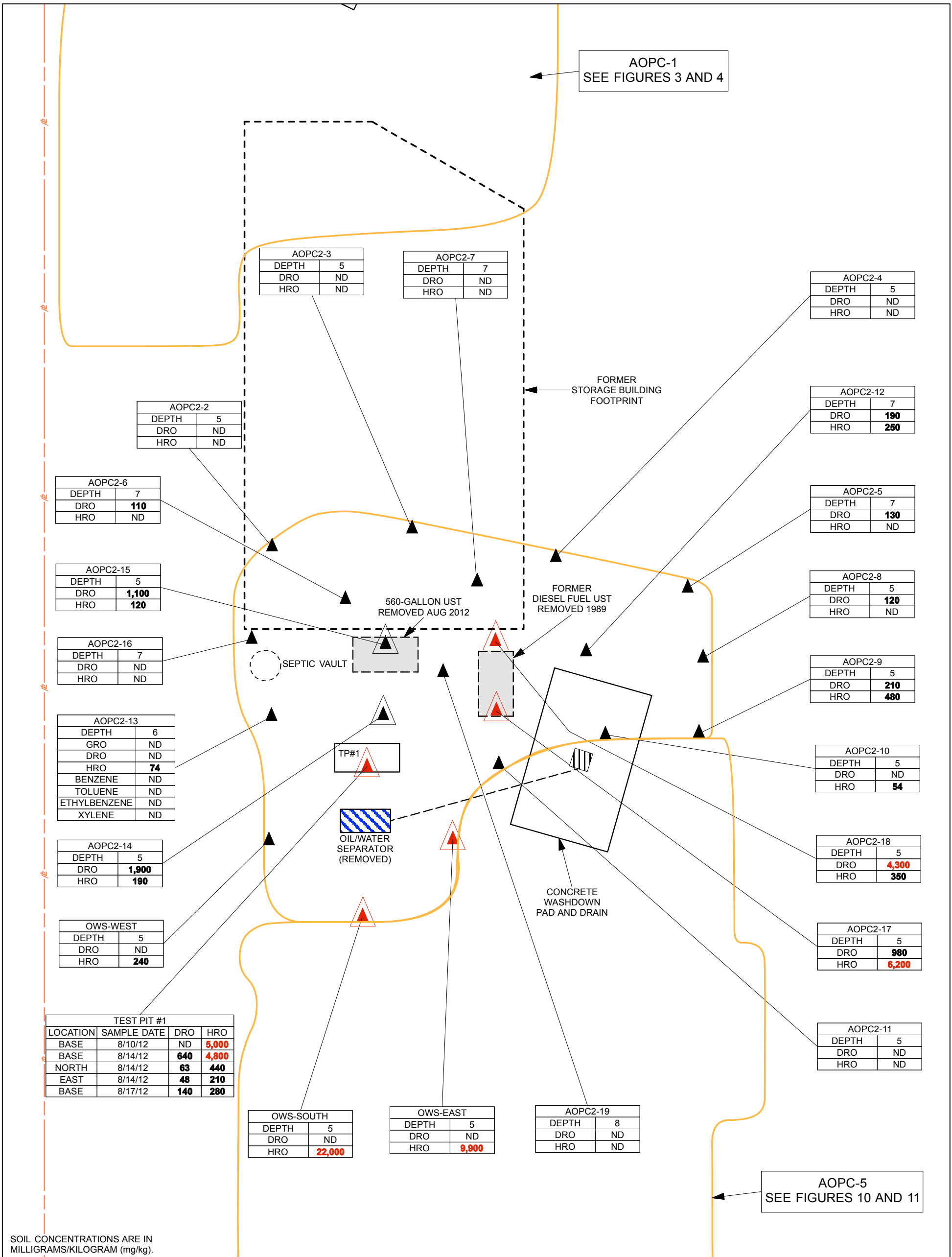
DATE
1/10/13







KEY: LIMITS OF REMEDIAL EXCAVATION FORMER UST LOCATIONS PROPERTY LINE PVC WELL SCREEN



KEY:

	AOPC2-17	SAMPLE NAME
	DEPTH 5	IN FEET
GASOLINE-RANGE ORGANICS	DRO 980	BOLD INDICATES DETECTION
HIGHER-RANGE ORGANICS	HRO 6,200	RED INDICATES EXCEEDENCE OF MTCA METHOD A CLEANUP LEVEL

KEY:

INDICATES SAMPLE OVEREXCAVATED

LIMITS OF REMEDIAL EXCAVATION

FORMER UST LOCATIONS

PROPERTY LINE

ND NOT DETECTED ABOVE THE LAB METHOD DETECTION LIMIT

BOLD CONCENTRATION DETECTED BUT BELOW MTCA METHOD A SOIL CLEANUP LEVEL (CUL)

RED CONCENTRATION ABOVE MTCA METHOD A SOIL CLEANUP LEVEL (CUL)

DRAIN

0 5 10 20

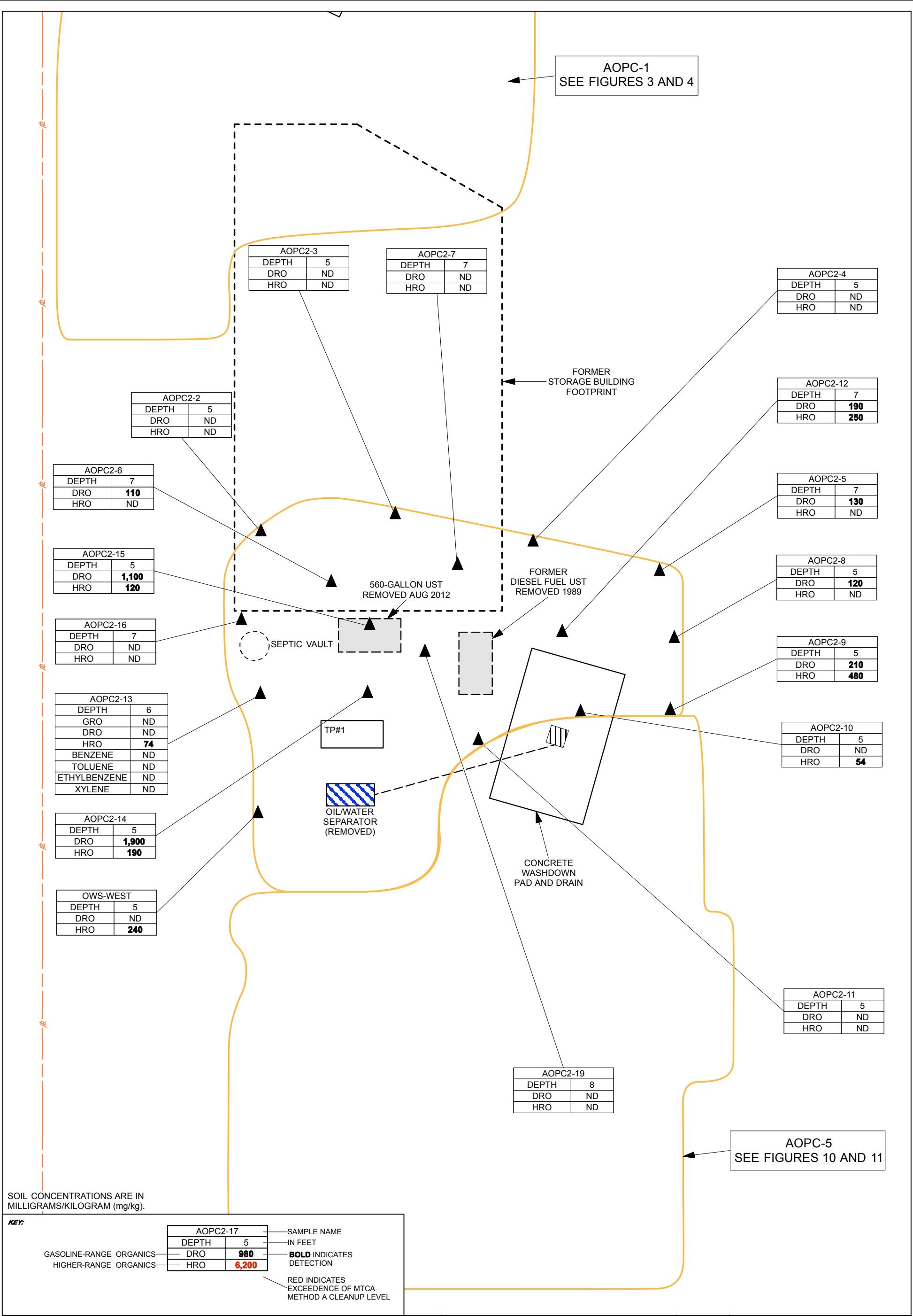
APPROXIMATE SCALE: 1" = 20'

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FIGURE 6

AOPC-2:
LIMITS OF REMEDIAL EXCAVATION
AND SOIL SAMPLING RESULTS

PROJECT	62401.1		
PREPARED FOR	BUSS LLC		
LOCATION	969 118TH AVENUE SE BELLEVUE, WASHINGTON		
SHEET 4 of 6	DRAWN BY ALW	REVIEWED BY GAM	DATE 1/10/13



AOPC4-BOTTOM	
DEPTH	11
GRO	ND
DRO	250
HRO	240
BTEX	ND
LEAD	ND

AOPC4-NORTH	
DEPTH	8
GRO	ND
DRO	ND
HRO	ND
BTEX	ND
LEAD	NA

AOPC4-EAST	
DEPTH	8
GRO	ND
DRO	ND
HRO	ND
BTEX	ND
LEAD	NA

AOPC4-SOUTH	
DEPTH	8
GRO	ND
DRO	ND
HRO	ND
BTEX	ND
LEAD	NA

AOPC4-WEST	
DEPTH	8
GRO	ND
DRO	ND
HRO	ND
BTEX	ND
LEAD	NA

AOPC4-UST-BOTTOM	
DEPTH	8
GRO	ND
DRO	1900
HRO	1200
BTEX	ND
LEAD	ND

AOPC4-UST-WEST	
DEPTH	6
GRO	ND
DRO	200
HRO	180
BTEX	ND
LEAD	NA

AOPC4-UST-EAST	
DEPTH	6
GRO	ND
DRO	ND
HRO	ND
BTEX	ND
LEAD	NA

AOPC4-UST-SOUTH	
DEPTH	6
GRO	ND
DRO	ND
HRO	ND
BTEX	ND
LEAD	NA

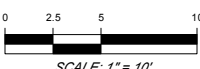
AOPC4-UST-BOTTOM	
DEPTH	8
GRO	120
DRO	1900
HRO	1200
BTEX	ND
LEAD	ND

SAMPLE NAME
IN FEET
RED INDICATES
EXCEEDENCE OF MTCA
METHOD A CLEANUP LEVEL
BOLD INDICATES
DETECTION

KEY:

GASOLINE-RANGE ORGANICS
DIESEL-RANGE ORGANICS
HIGHER-RANGE ORGANICS
BENZENE, TOLUENE, ETHYLBENZENE,
TOTAL XYLENES

KEY:



FORMER UST LOCATIONS
PROPERTY LINE
SOIL BORING LOCATION
COMPLETED 9/3/2010
SOIL BORING LOCATION
COMPLETED 1/26/12 AND 1/27/12
SOIL SAMPLING LOCATIONS



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FIGURE 8

AOPC-4: LIMITS OF REMEDIAL
EXCAVATION AND
SOIL SAMPLING RESULTS

PROJECT

62401.1

PREPARED FOR

BUSS LLC

LOCATION

969 118TH AVENUE SE
BELLEVUE, WASHINGTON

SHEET

5 of 6

DRAWN BY

ALW

REVIEWED BY

GAM

DATE

1/9/13

APPROXIMATE LIMITS
OF REMEDIAL EXCAVATION

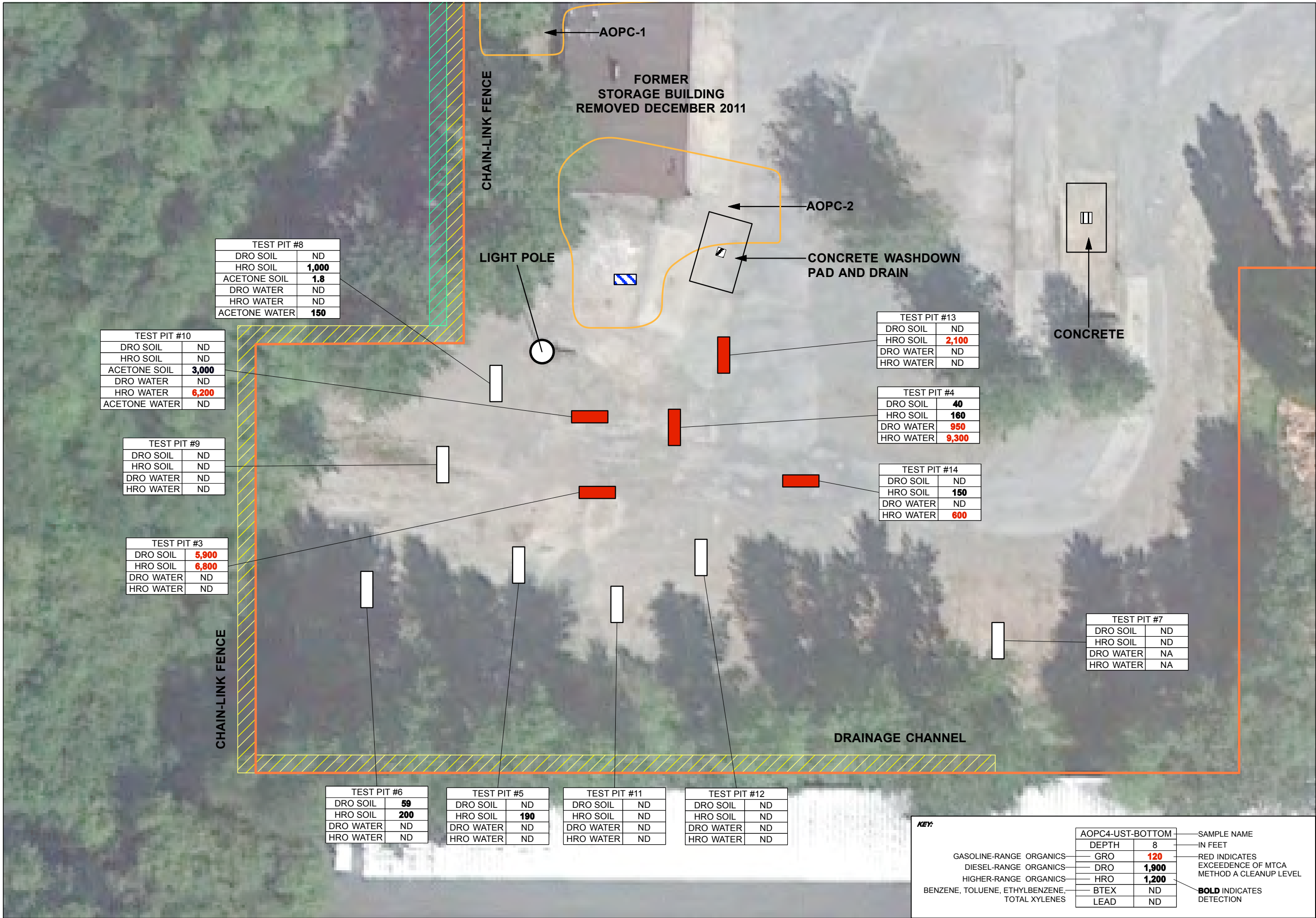


APPROXIMATE
LOCATION OF
10,000 GALLON
DIESEL UST
(REMOVED
AUG 1993)

WEST
SERVICE
BAY

LOCATION OF 1,120
GALLON UST
(REMOVED AUG 2012)





PROJECT

62401.1

PREPARED FOR

BUSS LLC

LOCATION

969 118TH AVENUE SE
BELLEVUE, WASHINGTON

SHEET

6 of 6

DATE

1/10/13

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GAM

DRAWN BY

ALW

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FIGURE 9

TEST PIT INVESTIGATION:
SOIL AND WATER SAMPLING RESULTS

TEST PIT

OIL WATER SEPARATOR

STORM DRAIN

APPOXIMATE EXTENT OF AOPC-2 EXCAVATION

NOTE: SOIL CONCENTRATIONS IN MILLIGRAMS/KILOGRAMS (mg/kg),
WATER CONCENTRATIONS IN MICROGRAMS/LITER (µg/l).

KEY:

TEST PIT

OIL WATER SEPARATOR

STORM DRAIN

0

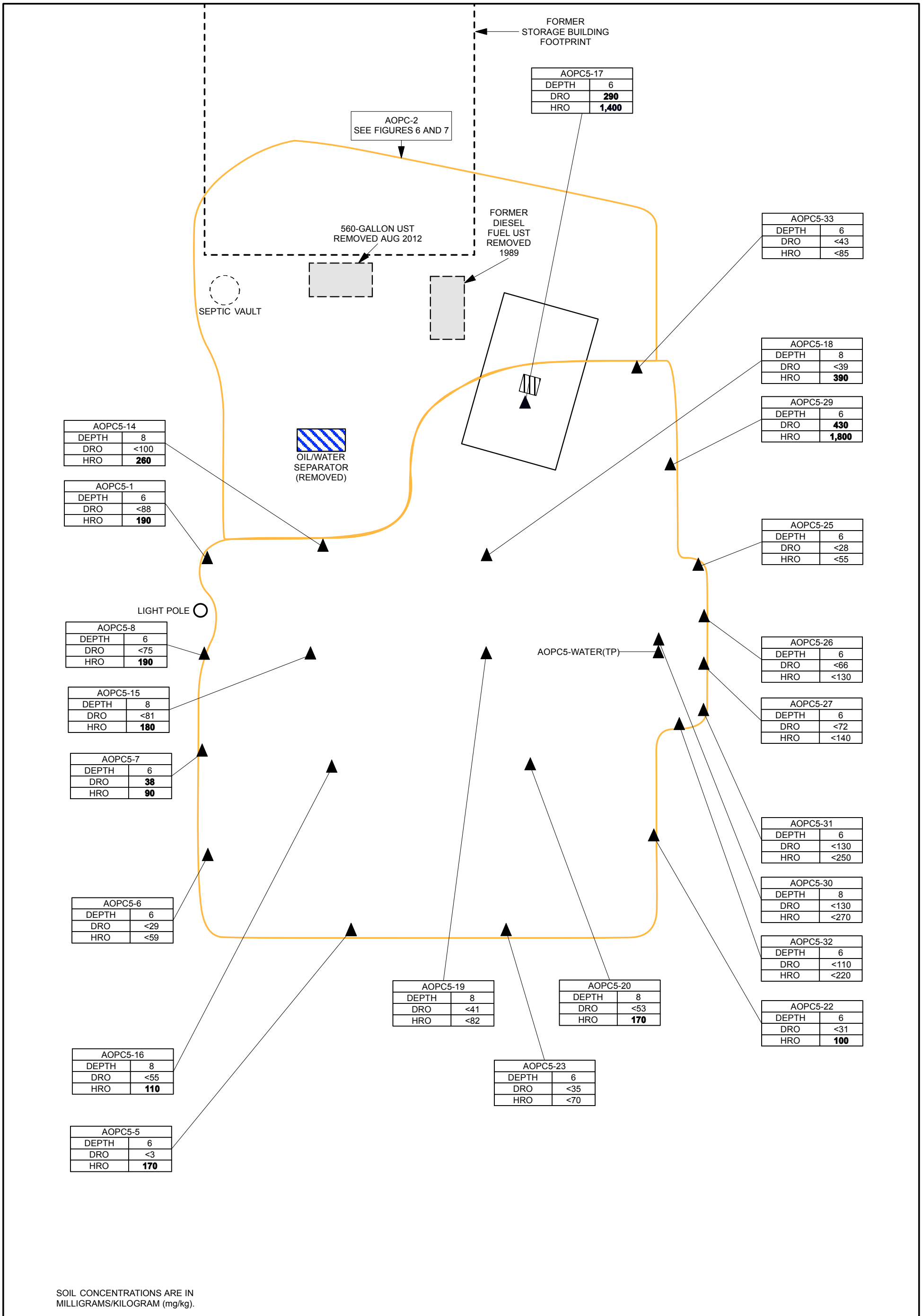
7.5

15

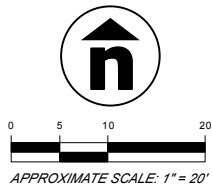
30

SCALE: 1" = 30'

n



KEY:



— LIMITS OF REMEDIAL EXCAVATION

FORMER UST LOCATIONS

BOLD

CONCENTRATION DETECTED BUT BELOW MTCA METHOD A SOIL CLEANUP LEVEL (CUL)

RED

CONCENTRATION ABOVE MTCA METHOD A SOIL CLEANUP LEVEL (CUL)



DRAIN



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FIGURE 11

AOPC-5:
FINAL PERFORMANCE
SOIL SAMPLES

PROJECT

62401.1

PREPARED FOR

BUSS LLC

LOCATION

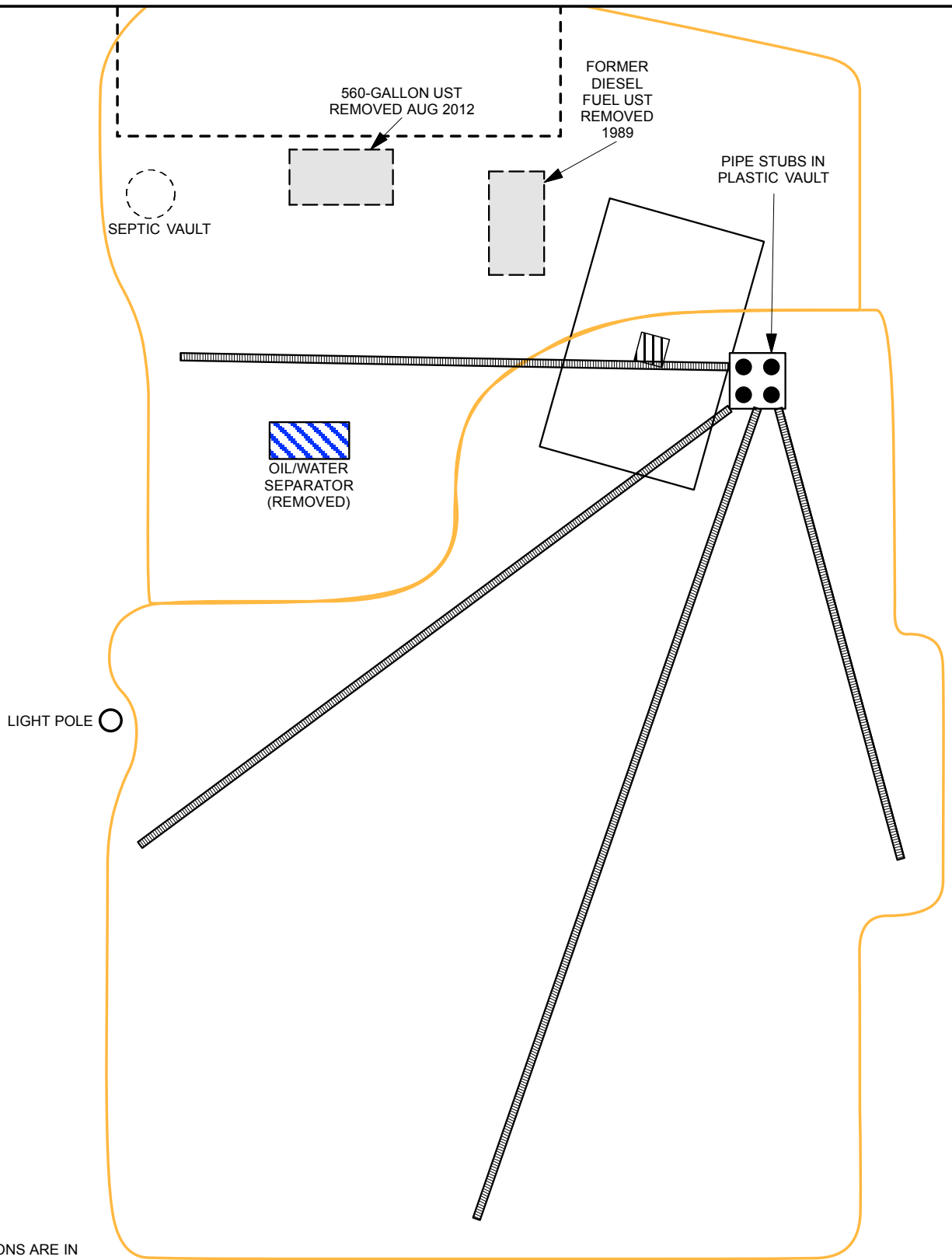
969 118TH AVENUE SE
BELLEVUE, WASHINGTON

SHEET
7 of 8

DRAWN BY
ALW

REVIEWED BY
GAM

DATE
1/9/13



SOIL CONCENTRATIONS ARE IN MILLIGRAMS/KILOGRAM (mg/kg).

KEY:

-  DRAIN
-  LIMITS OF REMEDIAL EXCAVATION
-  FORMER UST LOCATIONS
-  PVC WELL SCREEN



 0 5 10 20
APPROXIMATE SCALE: 1" = 20'

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FIGURE 12

AOPC-2 AND AOPC-5:
LAYOUT OF INFILTRATION GALLERY

PROJECT	62401.1		
PREPARED FOR	BUSS LLC		
LOCATION	969 118TH AVENUE SE BELLEVUE, WASHINGTON		
SHEET 1 of 1	DRAWN BY ALW	REVIEWED BY GAM	DATE 1/10/12

Attachments

Attachment A
Copies of Soil Disposal Weight Tickets

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE 01	TICKET 547700	GRID
SCALE OPERATOR HM00028 HEATHER M		
DATE IN 13 August 2012		TIME IN 7:53 am
DATE OUT 13 August 2012		TIME OUT 8:00 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 97,500.00 lb 108
Tare Weight 35,040.00 lb
Net Weight 62,460.00 lb 31.23 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.23	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

01 547708

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98124
Contract: LW-12312

SITE HPO0033	TICKET HEATHER M	GRID
13 August 2012		SCALE OPERATOR 5408 am
DATE IN 13 August 2012		TIME IN 7 am
DATE OUT		TIME OUT
VEHICLE BELLEVUE		AGE/WORKING
REFERENCE 124	ORIGIN	

00 Gross Weight 93,800.00 lb
Tare Weight 34,880.00 lb
Net Weight 58,920.00 lb 28.46 TN

28.46 TN SW-CONT SOIL W/FUEL

Rec'd

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
		Manifest:				

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Savbr Construciton Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE 01	TICKET 547720	GRID
SCALE OPERATOR LESLIE U		
DATE IN 13 August 2012		TIME IN 8:53 am
DATE OUT 13 August 2012		TIME OUT 9:01 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 94,120.00 lb
Tare Weight 35,000.00 lb
Net Weight 59,120.00 lb 29.56 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.56	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	547740	
SCALE OPERATOR		
HM000028 HEATHER M		
DATE IN	TIME IN	
13 August 2012	9:21 am	
DATE OUT	TIME OUT	
13 August 2012	9:37 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 95,980.00 lb 124
Tare Weight 37,220.00 lb
Net Weight 58,760.00 lb 29.38 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.38	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE	TICKET	GRID
01	547753	
SCALE OPERATOR		
HMO0023 HEATHER M		
DATE IN	TIME IN	
13 August 2012	9:55 AM	
DATE OUT	TIME OUT	
13 August 2012	10:03 AM	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 92,940.00 lb 109
Tare Weight 35,380.00 lb
Net Weight 57,560.00 lb 28.78 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.78	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construciton Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE	TICKET	GRID
01	547773	
SCALE OPERATOR		
HM00023 HEATHER M		
DATE IN	TIME IN	
13 August 2012	10:23 am	
DATE OUT	TIME OUT	
13 August 2012	10:33 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 96,180.00 lb 124 LLOYD
Tare Weight 36,820.00 lb
Net Weight 59,360.00 lb 29.68 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.68	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE	TICKET	GRID
01	547794	
SCALE OPERATOR		
HM00028 HEATHER M		
DATE IN	TIME IN	
13 August 2012	10:51 AM	
DATE OUT	TIME OUT	
13 August 2012	11:03 AM	
VEHICLE	ROLL OFF	
SCM		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 100,320.00 lb
Tare Weight 35,160.00 lb
Net Weight 45,160.00 lb 32.53 TN
108 LLOYD

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.53	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98045
Contract: LW-12312

SITE	TICKET	GRID
01	547819	
SCALE OPERATOR		
HM000038 HEATHER M		
DATE IN	TIME IN	
13 August 2012	11:25 am	
DATE OUT	TIME OUT	
13 August 2012	11:36 am	
VEHICLE	ROLL OFF	
501		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 100,000.00 lb 124 L
Tare Weight 37,040.00 lb
Net Weight 62,960.00 lb 31.48 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.48	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
949 118th Ave SE, Bellevue
Tacoma, WA 98045
Contract: LW-12312

SITE	TICKET	GRID
01	547898	
SCALE OPERATOR		
LM00028 HEATHER M		
DATE IN	TIME IN	
13 August 2012	11:50 am	
DATE OUT	TIME OUT	
13 August 2012	11:57 am	
VEHICLE	ROLL OFF	
SOTI REFERENCE	ORIGIN	
BELLEVUE/KING		

00 Gross Weight 96,280.00 lb 108 LLOYD
Tare Weight 34,960.00 lb
Net Weight 61,320.00 lb 30.66 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.66	TN	SW-CONT SOIL W/FUEL				
Manifest						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saylor Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999
Contract: LW-12312

SITE 01	TICKET 547867	GRID
SCALE OPERATOR LESLIE U		
DATE IN 13 August 2012		TIME IN 12:32 pm
DATE OUT 13 August 2012		TIME OUT 12:42 pm
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 102,200.00 lb 124-LLOYD
Tare Weight 36,720.00 lb
Net Weight 65,480.00 lb 32.74 TN

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.74	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98045
Contract: LW-12312

SITE	TICKET	GRID
01	547876	
SCALE OPERATOR		
HM00028 HEATHER M		
DATE IN	TIME IN	
13 August 2012	12:50 pm	
DATE OUT	TIME OUT	
13 August 2012	12:55 pm	
VEHICLE	ROLL OFF	
SOIL REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 104,400.00 lb 108 LLOYD
Tare Weight 35,140.00 lb
Net Weight 69,260.00 lb 34.63 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
34.63	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saylor Construcion Inc
949 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE	TICKET	GRID
01	547900	
SCALE OPERATOR		
HM00023 HEATHER M		
DATE IN	TIME IN	
13 August 2012	1:30 pm	
DATE OUT	TIME OUT	
13 August 2012	1:32 pm	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 101,100.00 lb 124
Tare Weight 36,820.00 lb
Net Weight 64,280.00 lb 32.14 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.14	TN	SU-CONT SOIL W/FUEL				
Manifest						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE	TICKET	GRID
01	567908	
SCALE OPERATOR		
HM000028 HEATHER M		
DATE IN		TIME IN
13 August 2012		1:47 pm
DATE OUT		TIME OUT
13 August 2012		1:53 pm
VEHICLE		ROLL OFF
SOIL REFERENCE		ORIGIN
		BELLEVUE/KING

00 Gross Weight 98,880.00 lb 108 LLOYD
Tare Weight 35,300.00 lb
Net Weight 63,580.00 lb 31.79 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.79	TN	SW-CONT SOIL W/FUEL				
Manifest						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
769 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE 01	TICKET 548108	GRID
SCALE OPERATOR HM00028 HEATHER M		
DATE IN 14 August 2012		TIME IN 7:23 am
DATE OUT 14 August 2012		TIME OUT 7:38 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 91,360.00 lb 108
Tare Weight 35,080.00 lb
Net Weight 56,280.00 lb 28.14 TN

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.14	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Sayar Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE 01	TICKET 948113	GRID
SCALE OPERATOR MM000028 HEATHER M		
DATE IN 14 August 2012		TIME IN 7:36 am
DATE OUT 14 August 2012		TIME OUT 7:45 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 91,840.00 lb 124
Tare Weight 36,880.00 lb
Net Weight 54,960.00 lb 27.48 TN

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
27.48	TN	SW CONT SOIL W/ FUEL				
Manifest:						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE 01	TICKET 548136	GRID
SCALE OPERATOR HM00028 HEATHER M		
DATE IN 14 August 2012		TIME IN 8:39 am
DATE OUT 14 August 2012		TIME OUT 8:49 am
VEHICLE SOIL		ROLL OFF
REFERENCE		ORIGIN BELLEVUE/KING

00 Gross Weight 91,820.00 lb 108
Tare Weight 35,040.00 lb
Net Weight 56,780.00 lb 23.39 TN

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
23.39	TN	50-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	548166	
SCALE OPERATOR		
HM00028 HEATHER M		
DATE IN		TIME IN
14 August 2012		9:42 AM
DATE OUT		TIME OUT
14 August 2012		9:53 AM
VEHICLE		ROLL OFF
SOIL REFERENCE		ORIGIN
		BELLEVUE/KING

00 Gross Weight 94,000.00 lb 108
Tare Weight 35,460.00 lb
Net Weight 58,540.00 lb 29.27 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.27	TN	SW-CONT SOIL W/FUEL				
Manifest						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	548170	
SCALE OPERATOR		
HM00028 HEATHER M		
DATE IN		TIME IN
14 August 2012		9:55 am
DATE OUT		TIME OUT
14 August 2012		10:02 am
VEHICLE		ROLL OFF
SOIL REFERENCE		ORIGIN
		BELLEVUE/KING

00 Gross Weight 94,620.00 lb 124 LLOYD
Tare Weight 37,440.00 lb
Net Weight 57,180.00 lb 28.59 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.59	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	548194	
SCALE OPERATOR		
HM00028 HEATHER M		
DATE IN	TIME IN	
14 August 2012	10:46 am	
DATE OUT	TIME OUT	
14 August 2012	10:54 am	
VEHICLE	ROLL OFF	
REFL		
REFERENCE	ORIGIN	
BELLEVUE/KING		

00 Gross Weight	95,640.00 lb	108
Tare Weight	35,340.00 lb	
Net Weight	60,300.00 lb	30.15 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.15	TN	SW-CONT SOIL. W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saylor Construction Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	548206	
SCALE OPERATOR		
HM00028 HEATHER M		
DATE IN	TIME IN	
14 August 2012	10:57 am	
DATE OUT	TIME OUT	
14 August 2012	11:08 am	
VEHICLE	ROLL OFF	
SOIL REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 100,200.00 lb 124 LLOYD
Tare Weight 37,480.00 lb
Net Weight 62,720.00 lb 31.36 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.36	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc,
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	548244	
SCALE OPERATOR		
HM000028 HEATHER M		
DATE IN	TIME IN	
14 August 2012	11:52 am	
DATE OUT	TIME OUT	
14 August 2012	12:00 pm	
VEHICLE	ROLL OFF	
3011		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 97,600.00 lb 108
Tare Weight 35,500.00 lb
Net Weight 62,100.00 lb 31.05 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.05	TN	SW-CONT SOIL W/FUEL				
Manifests						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999
Contract: LW-12312

SITE 01	TICKET 548264	GRID
SCALE OPERATOR LESLIE U		
DATE IN 14 August 2012		TIME IN 12:10 pm
DATE OUT 14 August 2012		TIME OUT 12:21 pm
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 101,220.00 lb 124
Tare Weight 37,700.00 lb
Net Weight 63,520.00 lb 31.76 TN

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.76	TN	SW CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construction Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	548301	
SCALE OPERATOR		
HM00028 HEATHER M		
DATE IN		TIME IN
14 August 2012		12:51 pm
DATE OUT		TIME OUT
14 August 2012		1:13 pm
VEHICLE		ROLL OFF
SOIL REFERENCE		ORIGIN
		BELLEVUE/KING

00 Gross Weight 103,260.00 lb 108
Tare Weight 34,940.00 lb
Net Weight 68,320.00 lb 34.16 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
34.16	TN	SW-CONT SOIL W/FUEL				
Manifests						
						NET AMOUNT

GRD AND LANDER
GRD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98045
Contract: LW-12312

SITE 01	TICKET 548919	GRID
SCALE OPERATOR HM000028 HEATHER M		
DATE IN 16 August 2012		TIME IN 7:17 am
DATE OUT 16 August 2012		TIME OUT 7:51 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 104,460.00 lb 116 LLOYD
Tare Weight 35,680.00 lb
Net Weight 68,780.00 lb 34.39 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
34.39	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98045
Contract: LW-12312

SITE 01	TICKET 548921	GRID
SCALE OPERATOR HM00028 MEATHER M		
DATE IN 16 August 2012		TIME IN 7:30 am
DATE OUT 16 August 2012		TIME OUT 7:55 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 104,820.00 lb
Tare Weight 30,480.00 lb
Net Weight 74,340.00 lb 37.17 TN

126 LLOYDS

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
37.17	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saylor Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	5489259	
SCALE OPERATOR		
HM00028 HEATHER M		
DATE IN		TIME IN
16 August 2012		9:11 am
DATE OUT		TIME OUT
16 August 2012		9:27 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 96,840.00 lb 126LOYD
Tare Weight 36,060.00 lb
Net Weight 60,780.00 lb 30.39 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.39	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	548969	
SCALE OPERATOR		
HM00023 HEATHER M		
DATE IN		TIME IN
16 August 2012		9:13 am
DATE OUT		TIME OUT
16 August 2012		9:41 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 96,260.00 lb 116 LLOYD
Tare Weight 35,520.00 lb
Net Weight 60,740.00 lb 30.37 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.37	TN	SW-CONT SOIL W/FUEL				
		Manifests				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	5489928	
SCALE OPERATOR		
HM00028 HEATHER M		
DATE IN	TIME IN	
16 August 2012	10:17 am	
DATE OUT	TIME OUT	
16 August 2012	10:27 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 98,480.00 lb LLOYD 126
Tare Weight 36,940.00 lb
Net Weight 61,540.00 lb 30.77 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.77	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Sayer Construction Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	549022	
SCALE OPERATOR		
HM00028 HEATHER M		
DATE IN	TIME IN	
16 August 2012	10:54 am	
DATE OUT	TIME OUT	
16 August 2012	11:17 am	
VEHICLE	ROLL OFF	
SOIL REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 91,340.00 lb 116 LLOYD
Tare Weight 36,760.00 lb
Net Weight 54,580.00 lb 27.29 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
27.29	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98146
Contract: LW-12312

SITE 01	TICKET 549046	GRID
SCALE OPERATOR LESLIE U		
DATE IN 16 August 2012		TIME IN 11:20 am
DATE OUT 16 August 2012		TIME OUT 11:50 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 94,700.00 lb 126
Tare Weight 36,820.00 lb
Net Weight 57,880.00 lb 28.94 TN

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.94	TN	SW CONT SOIL W/ FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0013
Saylor Constructiton Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98045
Contract: LW-12312

SITE 01	TICKET 549085	GRID
LESLIE U SCALE OPERATOR		
DATE IN 16 August 2012		TIME IN 12:25 pm
DATE OUT 16 August 2012		TIME OUT 12:36 pm
VEHICLE SOIL		ROLL OFF
REFERENCE		ORIGIN BELLEVUE/KING

00 Gross Weight 100,660.00 lb 116 LLOYD
Tare Weight 36,760.00 lb
Net Weight 63,900.00 lb 31.95 TN

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.95	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999
Contract: LW-12312

SITE	TICKET	GRID
01	549102	
SCALE OPERATOR		
HM00028 HEATHER M		
DATE IN		TIME IN
16 August 2012		12:46 pm
DATE OUT		TIME OUT
16 August 2012		12:57 pm
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 95,060.00 lb 126 LLOYD
Tare Weight 37,420.00 lb
Net Weight 57,640.00 lb 28.82 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.82	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98045
Contract: LW-12312

SITE 01	TICKET 549120	GRID
SCALE OPERATOR LESLIE U		
DATE IN 16 August 2012		TIME IN 1:23 pm
DATE OUT 16 August 2012		TIME OUT 1:31 pm
VEHICLE SOIL		ROLL OFF
REFERENCE		ORIGIN BELLEVUE/KING

00 Gross Weight 101,180.00 lb 116 LLOYD
Tare Weight 34,680.00 lb
Net Weight 66,500.00 lb 33.25 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
33.25	TN	SW-CONT SOIL W/FUEL				
		Manifests				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
769 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE 01	TICKET 549299	GRID
SCALE OPERATOR HM00028 HEATHER M		
DATE IN 17 August 2012		TIME IN 7:06 am
DATE OUT 17 August 2012		TIME OUT 7:15 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 92,380.00 lb 126 LLOYDS
Tare Weight 36,980.00 lb
Net Weight 55,400.00 lb 27.70 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
27.70	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98045
Contract: LW-12312

SITE 01	TICKET 549304	GRID
SCALE OPERATOR HM00028 HEATHER M		
DATE IN 17 August 2012		TIME IN 7:12 am
DATE OUT 17 August 2012		TIME OUT 7:29 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 83,780.00 lb 100 LLOYDS
Tare Weight 38,620.00 lb
Net Weight 45,160.00 lb 22.58 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
22.58	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98124
Contract: LW-12312

SITE 01	TICKET 549324	GRID
SCALE OPERATOR HM00028 HEATHER M		
DATE IN 17 August 2012		TIME IN 8:10 am
DATE OUT 17 August 2012		TIME OUT 8:24 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 84,360.00 lb 126 LLOYD
Tare Weight 36,640.00 lb
Net Weight 47,720.00 lb 23.86 TN

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
23.86	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	549328	
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN	TIME IN	
17 August 2012	8:25 am	
DATE OUT	TIME OUT	
17 August 2012	8:40 am	
VEHICLE	ROLL OFF	
SOIL REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 83,720.00 lb 100 LLOYD
Tare Weight 37,580.00 lb
Net Weight 46,140.00 lb 23.07 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
23.07	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

3RD AND LANDER

3RD AND LANDER

SEATTLE, WA

013213 - 0018

Saybr Construcion Inc

969 118th Ave SE, Bellevue

Tacoma, WA 98409

Contract: LW-12312

SITE	TICKET	GRID
01	549363	
SCALE OPERATOR		
DLO0026 DRINDA L.		
DATE IN		TIME IN
17 August 2012		9:33 am
DATE OUT		TIME OUT
17 August 2012		9:55 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 87,920.00 lb

126 LLOYD

Tare Weight 36,920.00 lb

Net Weight 51,000.00 lb 25.50 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.50	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98108
Contract: LW-12312

SITE 01	TICKET 549373	GRID 0
SCALE OPERATOR HM000028 HEATHER M		
DATE IN 17 August 2012		TIME IN 9:48 am
DATE OUT 17 August 2012		TIME OUT 10:18 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 87,980.00 lb 100 LLOYD
Tare Weight 38,160.00 lb
Net Weight 49,820.00 lb 24.91 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
24.91	TN	SO-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

GRD AND LANDER
GRD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999
Contract: LW-12312

SITE 01	TICKET 549407	GRID
SCALE OPERATOR HM00028 HEATHER M		
DATE IN 17 August 2012		TIME IN 11:07 am
DATE OUT 17 August 2012		TIME OUT 11:23 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 83,720.00 lb 126 LLOYD
Tare Weight 36,660.00 lb
Net Weight 47,060.00 lb 23.53 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
23.53	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE 01	TICKET 549411	GRID
SCALE OPERATOR DL00026 DRINDA L.		
DATE IN 17 August 2012		TIME IN 11:31 am
DATE OUT 17 August 2012		TIME OUT 11:33 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

01 Gross Weight 86,980.00 lb 100 LLOYD
Tare Weight 38,620.00 lb
Net Weight 48,360.00 lb 24.18 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
24.18	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE 01	TICKET 549798	GRID
SCALE OPERATOR HM000028 HEATHER M		
DATE IN 20 August 2012		TIME IN 7:03 am
DATE OUT 20 August 2012		TIME OUT 7:11 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 95,140.00 lb 126 FLOYD
Tare Weight 37,280.00 lb
Net Weight 57,860.00 lb 28.93 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.93	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE 01	TICKET 549809	GRID
SCALE OPERATOR HM00028 HEATHER M		
DATE IN 20 August 2012		TIME IN 7:29 am
DATE OUT 20 August 2012		TIME OUT 7:41 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

OO Gross Weight 91,040.00 lb 100 FLOYD
Tare Weight 37,660.00 lb
Net Weight 53,380.00 lb 26.69 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
26.69	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	549819	
SCALE OPERATOR		
DL00026 DEINDA L.		
DATE IN		TIME IN
20 August 2012		8:03 AM
DATE OUT		TIME OUT
20 August 2012		8:12 AM
VEHICLE		ROLL OFF
SOIL REFERENCE		ORIGIN
		BELLEVUE/KING

00 Gross Weight 94,440.00 lb 126 LLOYDS
Tare Weight 36,960.00 lb
Net Weight 57,480.00 lb 28.74 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.74	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98124
Contract: LW-12312

SITE 01	TICKET 549829	GRID
SCALE OPERATOR HM00028 HEATHER M		
DATE IN 20 August 2012		TIME IN 8:34 am
DATE OUT 20 August 2012		TIME OUT 8:45 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 95,900.00 lb 100 LLOYD
Tare Weight 37,660.00 lb
Net Weight 58,240.00 lb 29.12 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.12	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
949 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	549835	
SCALE OPERATOR		
DL00026 DEINDA L.		
DATE IN		TIME IN
20 August 2012		9:01 am
DATE OUT		TIME OUT
20 August 2012		9:09 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 95,720.00 lb 126 LLOYDS
Tare Weight 37,180.00 lb
Net Weight 58,540.00 lb 29.27 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.27	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	549850	
SCALE OPERATOR		
DL00026 DEINDA L		
DATE IN	TIME IN	
20 August 2012	9:37 am	
DATE OUT	TIME OUT	
20 August 2012	9:45 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 94,360.00 lb 100 LLOYDS
Tare Weight 38,260.00 lb
Net Weight 56,100.00 lb 29.05 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.05	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	549860	
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN		TIME IN
20 August 2012		9:56 am
DATE OUT		TIME OUT
20 August 2012		10:05 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 93,760.00 lb 126 LLOYDS
Tare Weight 36,920.00 lb
Net Weight 56,840.00 lb 28.42 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.42	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE 01	TICKET 549892	GRID
SCALE OPERATOR DL00026 DEINDA L.		
DATE IN 20 August 2012		TIME IN 10:32 am
DATE OUT 20 August 2012		TIME OUT 10:50 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 92,940.00 lb 100 LLOYDS
Tare Weight 37,800.00 lb
Net Weight 55,140.00 lb 27.57 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
27.57	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	549899	
SCALE OPERATOR		
DL00024 DEINDA L		
DATE IN	TIME IN	
20 August 2012	10:51 am	
DATE OUT	TIME OUT	
20 August 2012	11:01 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 99,940.00 lb 126 LLOYDS
Tare Weight 36,880.00 lb
Net Weight 62,460.00 lb 31.23 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.23	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999
Contract: LW-12312

SITE	TICKET	GRID
01	549937	
SCALE OPERATOR		
DL00026 DEINDA L.		
DATE IN		TIME IN
20 August 2012		11:38 am
DATE OUT		TIME OUT
20 August 2012		11:48 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 92,960.00 lb 100 LLOYDS
Tare Weight 39,920.00 lb
Net Weight 53,040.00 lb 26.52 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
26.52	TN	SW-CONT SOIL W/FUEL				
		Manifests				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999
Contract: LW-12312

STPL	TICKET # 9944	GRID
DL00026 DEINDA SCALE OPERATOR		
DATE IN AUGUST 2012		TIME IN 9 am
DATE OUT AUGUST 2012		TIME OUT 9 am
VEHICLE		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	
126 LLOYDS		

OO Gross Weight 97,620.00 lb
Tare Weight 37,080.00 lb
Net Weight 60,540.00 lb 30.27 TN

QTY	UNIT	SW-CONT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.27	TN	SW-CONT	FUEL				
			Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	550002	
SCALE OPERATOR		
DLO0026 DEINDA L		
DATE IN	TIME IN	
20 August 2012	1:03 pm	
DATE OUT	TIME OUT	
20 August 2012	1:13 pm	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 99,920.00 lb 100 LLOYDS
Tare Weight 38,900.00 lb
Net Weight 61,020.00 lb 30.51 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.51	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	550012	
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN		TIME IN
20 August 2012		1:09 pm
DATE OUT		TIME OUT
20 August 2012		1:24 pm
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 101,160.00 lb 126 LLOYD
Tare Weight 36,780.00 lb
Net Weight 64,380.00 lb 32.19 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.19	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98338
Contract: LW-12312

SITE	TICKET	GRID
01	555004.1	
SCALE OPERATOR		
DL00026 DEINDA L		
DATE IN		TIME IN
20 August 2012		2:05 pm
DATE OUT		TIME OUT
20 August 2012		2:15 pm
VEHICLE		ROLL OFF
SOIL REFERENCE		ORIGIN
		BELLEVUE/KING

00 Gross Weight 93,500.00 lb 100 LLOYD
Tare Weight 37,680.00 lb
Net Weight 55,820.00 lb 27.91 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
27.91	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saylor Construction Inc
949 118th Ave SE, Bellevue
Tacoma, WA 98338
Contract: LW-12312

SITE	TICKET	GRID
01	550049	
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN		TIME IN
20 August 2012		2:14 pm
DATE OUT		TIME OUT
20 August 2012		2:25 pm
VEHICLE		ROLL OFF
SOIL REFERENCE		ORIGIN
		BELLEVUE/KING

00 Gross Weight 96,820.00 lb 126 LLOYD
Tare Weight 37,000.00 lb
Net Weight 59,820.00 lb 29.91 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.91	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98124
Contract: LW-12312

SITE 01	TICKET 550225	GRID
SCALE OPERATOR HM00028 HEATHER M		
DATE IN 21 August 2012		TIME IN 7:15 am
DATE OUT 21 August 2012		TIME OUT 7:30 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 93,100.00 lb 100 LLOYD
Tare Weight 39,040.00 lb
Net Weight 54,040.00 lb 27.02 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
27.02	TN	SD-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

ORD AND LANDER
ORD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98124
Contract: LW-12312

SITE 01	TICKET 550226	GRID
SCALE OPERATOR HM000028 HEATHER M		
DATE IN 21 August 2012		TIME IN 7:23 am
DATE OUT 21 August 2012		TIME OUT 7:32 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 97,000.00 lb 126 LLOYDS
Tare Weight 37,460.00 lb
Net Weight 59,540.00 lb 29.77 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.77	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	550254	
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN		TIME IN
21 August 2012		8:23 am
DATE OUT		TIME OUT
21 August 2012		8:34 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 99,380.00 lb 100 LLOYD
Tare Weight 37,680.00 lb
Net Weight 61,700.00 lb 30.85 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.85	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	8350257	
SCALE OPERATOR		
DLO0026 DRINDA L		
DATE IN	TIME IN	
21 August 2012	8:28 am	
DATE OUT	TIME OUT	
21 August 2012	8:39 am	
VEHICLE	ROLL OFF	
SOIL REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 94,780.00 lb 126 LLOYD
Tare Weight 36,980.00 lb
Net Weight 57,800.00 lb 28.90 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.90	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	550221	
SCALE OPERATOR		
DL00026 DRINDA L		
DATE IN		TIME IN
21 August 2012		9:34 am
DATE OUT		TIME OUT
21 August 2012		9:48 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 98,060.00 lb 100 LLOYDS
Tare Weight 38,200.00 lb
Net Weight 59,860.00 lb 29.93 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.93	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construciton Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	5350300	
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN		TIME IN
21 August 2012		9:40 am
DATE OUT		TIME OUT
21 August 2012		9:55 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 100,540.00 lb 126 LLOYDS
Tare Weight 37,140.00 lb
Net Weight 63,400.00 lb 31.70 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.70	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
949 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE 01	TICKET 550338	GRID
SCALE OPERATOR DL00026 DRINDA L		
DATE IN 21 August 2012		TIME IN 10:38 am
DATE OUT 21 August 2012		TIME OUT 10:58 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 101,580.00 lb 100 LLOYDS
Tare Weight 37,800.00 lb
Net Weight 63,780.00 lb 31.89 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.89	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE	TICKET	GRID
01	550343	
SCALE OPERATOR		
DLO0026 DRINDA L		
DATE IN		TIME IN
21 August 2012		10:46 am
DATE OUT		TIME OUT
21 August 2012		11:01 am
VEHICLE		ROLL OFF
SOIL REFERENCE		ORIGIN
		BELLEVUE/KING

00 Gross Weight 100,780.00 lb 126 LLOYDS
Tare Weight 37,180.00 lb
Net Weight 63,600.00 lb 31.80 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.80	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construciton Inc
969 118th Ave SE, Bellevue
Tacoma, WA 9999999
Contract: LW-12312

SITE 01		TICKET 550382		GRID	
SCALE OPERATOR DL00026 DRINDA L.					
DATE IN 21 August 2012			TIME IN 11:46 am		
DATE OUT 21 August 2012			TIME OUT 11:54 am		
VEHICLE SOIL			ROLL OFF		
REFERENCE		ORIGIN BELLEVUE/KING			

00 Gross Weight 103,520.00 lb 126 LLOYDS
Tare Weight 36,880.00 lb
Net Weight 66,640.00 lb 33.32 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
33.32	TN	SW-CONT SOIL W/FUEL				
Manifest						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saylor Construction Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE	TICKET	GRID
01	SE0291	
SCALE OPERATOR		
DL00026 DRINDA L		
DATE IN		TIME IN
21 August 2012		12:00 pm
DATE OUT		TIME OUT
21 August 2012		12:10 pm
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 101,180.00 lb 100 LLOYD
Tare Weight 37,740.00 lb
Net Weight 63,440.00 lb 31.72 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.72	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE	TICKET	GRID
01	550416	
SCALE OPERATOR		
DLO0026 DRINDA L		
DATE IN		TIME IN
21 August 2012		12:36 pm
DATE OUT		TIME OUT
21 August 2012		12:43 pm
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 99,680.00 lb 126 LLOYDS
Tare Weight 37,040.00 lb
Net Weight 62,640.00 lb 31.32 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.32	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 9999999
Contract: LW-12312

SITE 01	TICKET 330434	GRID
SCALE OPERATOR DL00026 DRINDA L.		
DATE IN 21 August 2012		TIME IN 12:55 pm
DATE OUT 21 August 2012		TIME OUT 1:07 pm
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 98,060.00 lb 100 LLOYD
Tare Weight 37,800.00 lb
Net Weight 60,260.00 lb 30.13 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.13	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 9999999
Contract: LW-12312

SITE	TICKET	GRID
01	550456	
SCALE OPERATOR		
DL00026 DRINDA L		
DATE IN		TIME IN
21 August 2012		1:29 pm
DATE OUT		TIME OUT
21 August 2012		1:36 pm
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 100,520.00 lb 126 LLOYDS
Tare Weight 37,020.00 lb
Net Weight 63,500.00 lb 31.75 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.75	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98009999
Contract: LW-12312

SITE	TICKET	GRID
01	550473	
SCALE OPERATOR		
DL00024 DRINDA L.		
DATE IN		TIME IN
21 August 2012		1:52 pm
DATE OUT		TIME OUT
21 August 2012		2:04 pm
VEHICLE		ROLL OFF
SOIL REFERENCE		ORIGIN
		BELLEVUE/KING

00 Gross Weight 100,120.00 lb 100 LLOYDS
Tare Weight 37,920.00 lb
Net Weight 62,200.00 lb 31.10 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.10	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saylor Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE	TICKET	GRID
01	530486	
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN		TIME IN
21 August 2012		2:23 pm
DATE OUT		TIME OUT
21 August 2012		2:31 pm
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 101,400.00 lb 126 LLOYD
Tare Weight 36,980.00 lb
Net Weight 64,420.00 lb 32.21 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.21	TN	SW-CONT SOIL W/FUEL				
		Manif. feat:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	550623	
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN	TIME IN	
22 August 2012	7:11 am	
DATE OUT	TIME OUT	
22 August 2012	7:21 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 106,980.00 lb 126 LLOYD
Tare Weight 37,240.00 lb
Net Weight 69,740.00 lb 34.87 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
34.87	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	550642	
SCALE OPERATOR		
DL00026 DRINDA L		
DATE IN		TIME IN
22 August 2012		7:55 am
DATE OUT		TIME OUT
22 August 2012		8:06 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 101,500.00 lb
Tare Weight 37,320.00 lb
Net Weight 64,180.00 lb 32.09 TN 124 LLOYDS

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.09	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saylor Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	550452	
SCALE OPERATOR		
DL00026 DRINDA L		
DATE IN		TIME IN
22 August 2012		8:17 am
DATE OUT		TIME OUT
22 August 2012		8:28 am
VEHICLE		ROLL OFF
5011		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 101,600.00 lb 126 LLOYDS
Tare Weight 37,120.00 lb
Net Weight 64,480.00 lb 32.24 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.24	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	550649	
SCALE OPERATOR		
DL00026 DEINDA L.		
DATE IN		TIME IN
22 August 2012		8:57 AM
DATE OUT		TIME OUT
22 August 2012		9:05 AM
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 96,460.00 lb 124 LLOYDS
Tare Weight 37,600.00 lb
Net Weight 58,860.00 lb 29.43 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.43	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construction Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	550474	
SCALE OPERATOR		
MLO0026 DEINDA L		
DATE IN		TIME IN
22 August 2012		9:18 am
DATE OUT		TIME OUT
22 August 2012		9:27 am
VEHICLE		ROLL OFF
SOIL REFERENCE		ORIGIN
		BELLEVUE/KING

00 Gross Weight 99,260.00 lb 126 LLOYDS
Tare Weight 37,200.00 lb
Net Weight 62,060.00 lb 31.03 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.03	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	550497	
SCALE OPERATOR		
DLOO026 DEINDA L.		
DATE IN		TIME IN
22 August 2012		9:53 am
DATE OUT		TIME OUT
22 August 2012		10:03 am
VEHICLE		ROLL OFF
COTI		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 100,780.00 lb 124 LLOYDS
Tare Weight 37,220.00 lb
Net Weight 63,560.00 lb 31.78 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.78	TN	SW-CONT SOIL. W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98124
Contract: LW-12312

SITE	TICKET	GRID
01	550718	
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN		TIME IN
22 August 2012		10:22 am
DATE OUT		TIME OUT
22 August 2012		10:32 am
VEHICLE		ROLL OFF
CMT1		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 102,560.00 lb 126 LLOYD
Tare Weight 36,900.00 lb
Net Weight 65,660.00 lb 32.83 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.83	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	550743	
SCALE OPERATOR		
DL00026 DEINDA L.		
DATE IN	TIME IN	
22 August 2012	10:58 am	
DATE OUT	TIME OUT	
22 August 2012	11:08 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 93,800.00 lb 124 LLOYD
Tare Weight 38,440.00 lb
Net Weight 55,340.00 lb 27.67 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
27.67	TN	SW-CONT SOIL W/FUEL				
Manifests						

NET AMOUNT

3RD AND LANDEF
3RD AND LANDEF

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	550742	
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN		TIME IN
22 August 2012		11:23 am
DATE OUT		TIME OUT
22 August 2012		11:30 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 96,760.00 lb
Tare Weight 37,340.00 lb
Net Weight 59,420.00 lb 29.71 TN

126 LLOYDS

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.71	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE 01	TICKET 550786	GRID
SCALE OPERATOR DL00026 DRINDA L.		
DATE IN 22 August 2012		TIME IN 11:57 am
DATE OUT 22 August 2012		TIME OUT 12:07 pm
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 83,080.00 lb 124 LLOYDS
Tare Weight 37,240.00 lb
Net Weight 45,840.00 lb 22.92 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
22.92	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999
Contract: LW-12312

SITE	TICKET	GRID
01	550811	
SCALE OPERATOR		
DLO0026 DRINDA L		
DATE IN	TIME IN	
22 August 2012	12:28 pm	
DATE OUT	TIME OUT	
22 August 2012	12:36 pm	
VEHICLE	ROLL OFF	
REF		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 92,720.00 lb 126 LLOYDS
Tare Weight 36,800.00 lb
Net Weight 55,920.00 lb 27.96 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
27.96	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999
Contract: LW-12312

SITE 01	TICKET 550833	GRID
SCALE OPERATOR DL00026 DRINDA L.		
DATE IN 22 August 2012		TIME IN 1:03 pm
DATE OUT 22 August 2012		TIME OUT 1:12 pm
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 93,940.00 lb 124 LLOYDS
Tare Weight 37,180.00 lb
Net Weight 56,760.00 lb 28.38 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.38	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999
Contract: LW-12312

SITE 01	TICKET 550053	GRID
SCALE OPERATOR DLOO026 DRINDA L.		
DATE IN 22 August 2012		TIME IN 1:40 pm
DATE OUT 22 August 2012		TIME OUT 1:48 pm
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 105,140.00 lb 126 LLOYD
Tare Weight 37,040.00 lb
Net Weight 68,100.00 lb 34.05 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
34.05	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construciton Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999
Contract: LW-12312

SITE 01	TICKET 550845	GRID
SCALE OPERATOR DLOO026 DEINDA L.		
DATE IN 22 August 2012		TIME IN 2:00 pm
DATE OUT 22 August 2012		TIME OUT 2:09 pm
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 100,360.00 lb
Tare Weight 37,100.00 lb
Net Weight 63,260.00 lb 31.63 TN 124 LLOYD

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.63	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	SEE1047	
SCALE OPERATOR		
IN 00026 DRINDA L.		
DATE IN	TIME IN	
22 August 2012	7:11 am	
DATE OUT	TIME OUT	
22 August 2012	7:24 am	
VEHICLE	ROLL OFF	
5011		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 103,060.00 lb 126 LLOYDS
Tare Weight 37,040.00 lb
Net Weight 66,020.00 lb 33.01 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
33.01	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	SE1052	
SCALE OPERATOR		
DL00036 DEINDA L.		
DATE IN	TIME IN	
23 August 2012	7:21 am	
DATE OUT	TIME OUT	
23 August 2012	7:30 am	
VEHICLE	ROLL OFF	
SOIL REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 97,120.00 lb 124 LLOYDS
Tare Weight 37,240.00 lb
Net Weight 59,880.00 lb 29.94 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.94	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	SE1077	
SCALE OPERATOR		
D100026 DEINDA L		
DATE IN		TIME IN
23 August 2012		8:27 AM
DATE OUT		TIME OUT
23 August 2012		8:35 AM
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 99,760.00 lb 126 LLOYDS
Tare Weight 36,980.00 lb
Net Weight 62,780.00 lb 31.39 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.39	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	5551081	
SCALE OPERATOR		
D100024 DEINDA L.		
DATE IN	TIME IN	
23 August 2012	8:39 am	
DATE OUT	TIME OUT	
23 August 2012	8:47 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 97,500.00 lb 124 LLOYDS
Tare Weight 37,180.00 lb
Net Weight 60,320.00 lb 30.16 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.16	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	SE1104	
SCALE OPERATOR		
DLO0026 DEINDA L		
DATE IN		TIME IN
23 August 2012		9:27 am
DATE OUT		TIME OUT
23 August 2012		9:41 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 104,180.00 lb 126 LLOYDS
Tare Weight 37,200.00 lb
Net Weight 66,980.00 lb 33.49 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
33.49	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	SEEL109	0
SCALE OPERATOR		
D100026 DEINDA L.		
DATE IN	TIME IN	
23 August 2012	9:35 am	
DATE OUT	TIME OUT	
23 August 2012	9:44 am	
VEHICLE	ROLL OFF	
SOIL REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 101,300.00 lb 124 LLOYD
Tare Weight 37,320.00 lb
Net Weight 63,980.00 lb 31.99 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.99	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construciton Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	551142	0
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN		TIME IN
23 August 2012		10:30 am
DATE OUT		TIME OUT
23 August 2012		10:39 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 108,820.00 lb 126 LLOYDS
Tare Weight 37,160.00 lb
Net Weight 71,660.00 lb 35.83 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
35.83	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
967 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE 01	TICKET 551152	GRID 0
SCALE OPERATOR HM00028 HEATHER M		
DATE IN 23 August 2012		TIME IN 10:39 am
DATE OUT 23 August 2012		TIME OUT 10:54 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 107,460.00 lb 124 LLOYDS
Tare Weight 37,280.00 lb
Net Weight 70,180.00 lb 35.09 TN

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
35.09	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE	TICKET	GRID
01	551198	0
SCALE OPERATOR		
DL00026 DEINDA L.		
DATE IN		TIME IN
23 August 2012		11:34 am
DATE OUT		TIME OUT
23 August 2012		11:46 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 101,240.00 lb 126 LLOYDS
Tare Weight 37,100.00 lb
Net Weight 64,140.00 lb 32.07 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.07	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE	TICKET	GRID
01	5351201	0
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN		TIME IN
23 August 2012		11:40 am
DATE OUT		TIME OUT
23 August 2012		11:49 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 101,880.00 lb 124 LLOYDS
Tare Weight 37,120.00 lb
Net Weight 64,760.00 lb 32.38 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.38	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE	TICKET	GRID
01	331249	
SCALE OPERATOR		
M00026 DRINDA L		
DATE IN		TIME IN
23 August 2012		12:49 pm
DATE OUT		TIME OUT
23 August 2012		12:52 pm
VEHICLE		ROLL OFF
SOIL REFERENCE		ORIGIN
		BELLEVUE/KING

00 Gross Weight 100,340.00 lb 126 LLOYD
Tare Weight 37,000.00 lb
Net Weight 63,340.00 lb 31.67 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.67	TN	SW-CONT SOIL W/FUEL				
		Manifest				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999999
Contract: LW-12312

SITE	TICKET	GRID
01	551254	
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN		TIME IN
23 August 2012		12:55 PM
DATE OUT		TIME OUT
23 August 2012		1:05 PM
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 99,040.00 lb 124 LLOYDS
Tare Weight 37,220.00 lb
Net Weight 61,820.00 lb 30.91 TM

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.91	TM	SW-CONT SOIL W/FUEL				
		Manifest:				
						NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
010213 - 0018
Saytr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE 01	TICKET 551948	GRID
SCALE OPERATOR HM00028 HEATHER M		
DATE IN 27 August 2012		TIME IN 7:03 am
DATE OUT 27 August 2012		TIME OUT 7:11 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 104,500.00 lb 126 LLOYD
Tare Weight 37,160.00 lb
Net Weight 67,340.00 lb 33.67 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
33.67	TN	SW-CONT SOIL W/FUEL				
		Manifests				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999
Contract: LW-12312

SITE 01	TICKET 551954	GRID
SCALE OPERATOR HM00028 HEATHER M		
DATE IN 27 August 2012		TIME IN 7:11 am
DATE OUT 27 August 2012		TIME OUT 7:20 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 97,860.00 lb 124 LLOYD
Tare Weight 37,200.00 lb
Net Weight 60,660.00 lb 30.33 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.33	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE 01	TICKET 551974	GRID
SCALE OPERATOR DLO0024 DEINDA L		
DATE IN 27 August 2012		TIME IN 8:13 AM
DATE OUT 27 August 2012		TIME OUT 8:20 AM
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 96,340.00 lb 126 LLOYDS
Tare Weight 37,180.00 lb
Net Weight 59,160.00 lb 29.58 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.58	TN	SW-CONT SOIL W/FUEL				
Manifest:						
						NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	0001979	
SCALE OPERATOR		
DLOO026 DRINDA L		
DATE IN		TIME IN
27 August 2012		8:26 am
DATE OUT		TIME OUT
27 August 2012		8:36 am
VEHICLE		ROLL OFF
SOIL REFERENCE		ORIGIN
		BELLEVUE/KING

00 Gross Weight 92,560.00 lb 124 LLOYD
Tare Weight 37,260.00 lb
Net Weight 55,300.00 lb 27.65 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
27.65	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
949 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	SE2005	
SCALE OPERATOR		1
DL00026 DEINDA L		
DATE IN	TIME IN	
27 August 2012	9:18 am	
DATE OUT	TIME OUT	
27 August 2012	9:35 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 102,820.00 lb 126 LLOYDS
Tare Weight 37,140.00 lb
Net Weight 65,680.00 lb 32.84 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.84	TN	SW-CONT SOIL W/FUEL				
Manifest						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	552002	
SCALE OPERATOR		
DLO0024 DRINDA L		
DATE IN		TIME IN
27 August 2012		9:26 am
DATE OUT		TIME OUT
27 August 2012		9:39 am
VEHICLE		ROLL OFF
SOIL REFERENCE		ORIGIN
		BELLEVUE/KING

00 Gross Weight 98,280.00 lb 124 LLOYDS
Tare Weight 37,320.00 lb
Net Weight 60,960.00 lb 30.48 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.48	TN	SW-CONT SOIL W/FUEL				
Manifest:						
						NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	5352039	
SCALE OPERATOR		
DL00024 DRINDA I		
DATE IN	TIME IN	
27 August 2012	10:22 am	
DATE OUT	TIME OUT	
27 August 2012	10:29 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 99,060.00 lb 126 LLOYDS
Tare Weight 36,980.00 lb
Net Weight 62,080.00 lb 31.04 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.04	TN	SW-CONT SOIL W/FUEL				
Manifest						

NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	552046	
SCALE OPERATOR		
DL00026 DEINDA L		
DATE IN		TIME IN
27 August 2012		10:32 am
DATE OUT		TIME OUT
27 August 2012		10:42 am
VEHICLE		ROLL OFF
SOIL REFERENCE		ORIGIN
		BELLEVUE/KING

00 Gross Weight 96,080.00 lb 124 LLOYD
Tare Weight 37,280.00 lb
Net Weight 58,800.00 lb 29.40 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.40	TN	SW-CONT SOIL W/FUEL				
Manifest						
						NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	552085	
SCALE OPERATOR		
DL00026 DEINDA L		
DATE IN	22 August 2012	TIME IN 11:23 am
DATE OUT	27 August 2012	TIME OUT 11:29 am
VEHICLE	SOIL	ROLL OFF
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 103,500.00 lb
Tare Weight 37,040.00 lb
Net Weight 66,460.00 lb 33.23 TN

126 LLOYDS

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
33.23	TN	SW-CONT SOIL W/FUEL				
		Manifest				
						NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construction Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98409
Contract: LW-12312

SITE	TICKET	GRID
01	552092	
SCALE OPERATOR		
DL00024 DEINDA L.		
DATE IN	TIME IN	
27 August 2012	11:29 AM	
DATE OUT	TIME OUT	
27 August 2012	11:40 AM	
VEHICLE	ROLL OFF	
SCOTI REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 98,460.00 lb
Tare Weight 37,240.00 lb
Net Weight 61,200.00 lb 30.60 TN

124 LLOYDS

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.60	TN	SW-CONT SOIL. W/FUEL				
		Manifest				
						NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 -- 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	052124	
SCALE OPERATOR		
DL00024 DEINDA L.		
DATE IN	TIME IN	
27 August 2012	12:30 PM	
DATE OUT	TIME OUT	
27 August 2012	12:24 PM	
VEHICLE	ROLL OFF	
VEHICLE REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 104,920.00 lb
Tare Weight 36,800.00 lb
Net Weight 68,120.00 lb 34.06 TN

126 LLOYD

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
34.06	TN	SW-CONT SOIL W/FUEL				
Mari fest						
						NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
043213 - 0018
Saytr Construcion Inc
769 116th Ave SE, Bellevue
Tacoma, WA 99999
Contract: LW-12312

SITE 01	TICKET 5552135	GRID
SCALE OPERATOR LESLIE U		
DATE IN 27 August 2012		TIME IN 12:28 pm
DATE OUT 27 August 2012		TIME OUT 12:39 pm
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 102,180.00 lb
Tare Weight 37,340.00 lb
Net Weight 64,840.00 lb 32.42 TN

124 LLOYD

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.42	TN	SW-CONT SOIL W/FUEL				
Manifest:						
						NET AMOUNT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018

Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	552149	
SCALE OPERATOR		
DL00024 DETNDA L		
DATE IN		TIME IN
27 August 2012		1:16 pm
DATE OUT		TIME OUT
27 August 2012		1:23 pm
VEHICLE		ROLL OFF
SOIL REFERENCE		ORIGIN
		BELLEVUE/KING

00 Gross Weight 106,180.00 lb
Tare Weight 36,940.00 lb
Net Weight 69,240.00 lb 34.62 TN

126 LLOYD

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
34.62	TN	SW-CONT SOIL W/FUEL				
Manifest						
						NET AMOUNT

Saylor Construction Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	552185	
SCALE OPERATOR		
DL00026 DEINDA L.		
DATE IN		TIME IN
27 August 2012		1124 pm
DATE OUT		TIME OUT
27 August 2012		1149 pm
VEHICLE		ROLL OFF
5011		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

Gross Weight	102,580.00	lb
Tare Weight	37,460.00	lb
Net Weight	65,120.00	lb 32.56 TN

124 LLOYD

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.56	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 980321035
Contract: LW-12312

SITE	TICKET	GRID
01	555491	
SCALE OPERATOR		
DLO0024 DEINDA L		
DATE IN	TIME IN	
7 September 2012	8:26 am	
DATE OUT	TIME OUT	
7 September 2012	8:24 am	
VEHICLE	ROLL OFF	
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 99,500.00 lb 126 LLOYD
Tare Weight 37,180.00 lb
Net Weight 62,320.00 lb 31.16 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.16	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

It's the Right Thing!



3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 980321035
Contract: LW-12312

SITE	TICKET	GRID
01	555731	
SCALE OPERATOR		
DL00026 DEINDA L		
DATE IN	TIME IN	
7 September 2012	9:36 am	
DATE OUT	TIME OUT	
7 September 2012	9:52 am	
VEHICLE	ROLL OFF	
501		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 100,360.00 lb 126 LLOYDS
Tare Weight 37,000.00 lb
Net Weight 63,360.00 lb 31.68 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.68	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

TENDERED

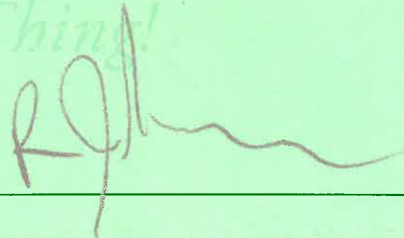
CHANGE

CHECK NO.

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

It's the Right Thing!


3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999
Contract: LW-12312

SITE	TICKET	GRID
01	995770	
SCALE OPERATOR		
DL00024 DEINDA L		
DATE IN	TIME IN	
7 September 2012	10:35 am	
DATE OUT	TIME OUT	
7 September 2012	10:44 am	
VEHICLE	ROLL OFF	
001		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 97,100.00 lb 126 LLOYD
Tare Weight 37,120.00 lb
Net Weight 59,980.00 lb 29.99 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.99	TN	SW-CONT SOIL W/FUEL				
Manifest:						

NET AMOUNT

TENDERED

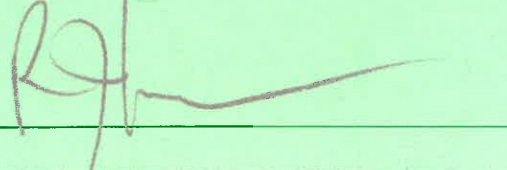
CHANGE

CHECK NO.

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

It's the Right Thing!


3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 99999
Contract: LW-12312

SITE	TICKET	GRID
01	555811	
SCALE OPERATOR		
DL00026 DEINDA L		
DATE IN	TIME IN	
7 September 2012	11:37 am	
DATE OUT	TIME OUT	
7 September 2012	11:47 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 LLOYDS WEIGHT 226,280.00 LB 33.60 TN 126 LLOYDS
33.60 TN SW-CONT SOIL W/FUEL

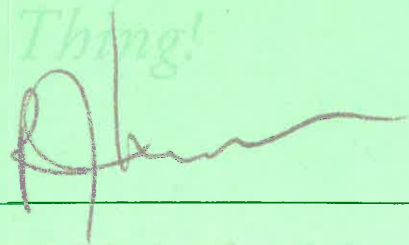
QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
		Manifest				

SAFETY MEMOS:

- Hard hats **MUST** be worn.
- High Visibility vests **MUST** be worn.
- Passengers **MUST** remain in vehicle at all times.

SIGNATURE

It's the Right Thing!



NET AMOUNT
TENDERED
CHANGE
CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	544499	
SCALE OPERATOR		
DLOO026 DEINDA I		
DATE IN	TIME IN	
5 October 2012	8:09 am	
DATE OUT	TIME OUT	
5 October 2012	8:16 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 86,400.00 lb 108 LLOYD
Tare Weight 35,680.00 lb
Net Weight 50,720.00 lb 25.36 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.36	TN	SW-CONT SOIL W/FUEL				

Manifest:

INMAN
EPI BELLEVUE
2121055
#108 EXPORT

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98045
Contract: LW-12912

SITE	TICKET	GRID
01	EX4732	SCALE OPERATOR
DATE IN	5 October 2012	TIME IN 9:11 am
DATE OUT	5 October 2012	TIME OUT 9:18 am
VEHICLE	ROLL OFF	
REFERENCE	ORIGIN	BELLEVUE/KING

00 Gross Weight 94,720.00 lb
Tare Weight 35,600.00 lb
Net Weight 59,120.00 lb 29.54 TN 108 LLOYD

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.56	TN	SW-CONT SOIL W/FUEL				

THINK CHOOSE SAFETY LIVE

It's the Right Thing!

MANDATORY

INMAN
EPI BELLEVUE
2121055
#108 EXACT

SAFETY MEMOS:

- Hard hats MUST be worn.
 - High Visibility vests MUST be worn.
 - Passengers MUST remain in vehicle at all times.
- SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	564774	
SCALE OPERATOR		
DL00026 DEINDA I		
DATE IN	5 October 2012	TIME IN 10:23 am
DATE OUT	5 October 2012	TIME OUT 10:34 am
VEHICLE	SOIL	ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 90,780.00 lb 109 LLOYDS
Tare Weight 35,640.00 lb
Net Weight 55,140.00 lb 27.57 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
27.57	TN	SW-CONT SOIL W/FUEL				

THINK CHOOSE SAFETY LIVE
It's the Right Thing!

Manifest:

INMAN
EPI BELLEVUE
2121055
#108 EXPORT

SAFETY MEMOS:

- Hard hats MUST be worn.
 - High Visibility vests MUST be worn.
 - Passengers MUST remain in vehicle at all times.
- SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
	01 564830	
SCALE OPERATOR		
DL00026 DRINDA L		
DATE IN	5 October 2012	TIME IN 11:22 am
DATE OUT	5 October 2012	TIME OUT 11:39 am
VEHICLE	ROLL OFF	
REFERENCE	ORIGIN	
	BELLEVUE/KING	

.00 Gross Weight 93,860.00 lb 108 LLOYDS
Tare Weight 35,580.00 lb
Net Weight 58,280.00 lb 29.14 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.14	TN	SW-CONT SOIL W/FUEL		INMAN EPI BELLEVUE 2121055 #108 EXACT		

Manifest:

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construction Inc
989 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE 01	TICKET 564891	GRID
SCALE OPERATOR HM00028 HEATHER H		
DATE IN 5 October 2012		TIME IN 12:24 pm
DATE OUT 5 October 2012		TIME OUT 12:50 pm
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 95,860.00 lb 108 LLOYD
Tare Weight 35,440.00 lb
Net Weight 60,420.00 lb 30.21 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.21	TN	SW CONT SOIL W/ TAIL			INMAN EPI BELLEVUE 2121055 EXPORT # 108	
		Manifest:				

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Sayer Construction Inc
767 118th Ave SE, Bellevue
Tacoma, WA 9999999
Contract: LW-12312

SITE 01	TICKET 564942	GRID
SCALE OPERATOR LESLIE U		
DATE IN 5 October 2012		TIME IN 1:06 pm
DATE OUT 5 October 2012		TIME OUT 1:48 pm
VEHICLE SAIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 90,340.00 lb 108 LLOYD
Tare Weight 35,600.00 lb
Net Weight 54,740.00 lb 27.37 TN

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
27.37	TN	SW CONT CONT W/ FUEL				
		Manifest				

THINK SAFETY LIVE
It's the Right Thing to Do

INMAN
EPI BELLEVUE
2121055
#108 EXPORT

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	544994	
SCALE OPERATOR		
N 00026 DEINDA L		
DATE IN	TIME IN	
5 October 2012	2:35 pm	
DATE OUT	TIME OUT	
5 October 2012	2:44 pm	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 86,660.00 lb 108 LLOYD
Tare Weight 35,480.00 lb
Net Weight 51,180.00 lb 25.59 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
25.59	TN	SW-CONT SOIL W/FUEL				

Manifest: SAFETY LIVE

INMAN
EPI BELLEVUE
2121055
#108 EXPORT

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construciton Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	565010	422651
SCALE OPERATOR		
LESLIE U		
DATE IN		TIME IN
5 October 2012		3:34 pm
DATE OUT		TIME OUT
5 October 2012		3:43 pm
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 84,560.00 lb 108
Tare Weight 35,340.00 lb
Net Weight 49,220.00 lb 24.61 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
24.61	TN	SW-CONT SOIL W/FUEL				

Manifest: SAFETY LIVE

THINK CHOOSE SAFETY LIVE It's the Right Thing

INMAN
EPI BELLEVUE
2121055
108 EXP

SAFETY MEMOS:

- Hard hats MUST be worn.
 - High Visibility vests MUST be worn.
 - Passengers MUST remain in vehicle at all times.
- SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0019
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	544721	
SCALE OPERATOR		
DL00026 DEINDA L		
DATE IN	TIME IN	
5 October 2012	8:23 am	
DATE OUT	TIME OUT	
5 October 2012	8:54 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 90,400.00 lb 112 LLOYD
Tare Weight 35,840.00 lb
Net Weight 54,560.00 lb 27.28 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
27.28	TN	SW-CONT SOIL W/FUEL				

Manifest:

INMAN
EPI BELLEVUE
2121055
#112 EXPORT

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

Pat O'Neil

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 -- 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	564750	
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN	TIME IN	
5 October 2012	9:48 am	
DATE OUT	TIME OUT	
5 October 2012	9:59 am	
VEHICLE	ROLL OFF	
STI		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 94,620.00 lb 112 LLOYD
Tare Weight 35,420.00 lb
Net Weight 59,200.00 lb 29.60 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.60	TN	SW-CONT SOIL W/FUEL				

Manifest:

INMAN
ERI BELLEVUE
2121055
#112 EXPORT

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

Pac Okuy

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	564807	
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN	5 October 2012	TIME IN 10:48 am
DATE OUT	5 October 2012	TIME OUT 11:19 am
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 97,560.00 lb 112 LLOYDS
Tare Weight 34,980.00 lb
Net Weight 62,580.00 lb 31.29 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.29	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

INMAN
2121055
112 EXPORT

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

Pat Olney

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	564886	
SCALE OPERATOR DL00026 DRINDA L.		
DATE IN	5 October 2012	TIME IN 12:13 pm
DATE OUT	5 October 2012	TIME OUT 12:42 pm
VEHICLE	SOIL	ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 99,760.00 lb 112 LLOYD
Tare Weight 35,200.00 lb
Net Weight 64,560.00 lb 32.28 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.28	TN	SW-CONT SOIL W/FUEL				
Manifest: SAFETY LIVE						

INMAN
EPI BELLEVUE
2121055
#112 EXPORT

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

[Signature]

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	564940	
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN	TIME IN	
5 October 2012	1:33 pm	
DATE OUT	TIME OUT	
5 October 2012	1:46 pm	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 93,360.00 lb 112 LLOYD
Tare Weight 35,380.00 lb
Net Weight 57,980.00 lb 28.99 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.99	TN	SW-CONT SOIL W/FUEL				

Manifest: SAFETY LIVE

THINK CHOOSE

INMAN
EPI BELLEVUE
2121055
EXPORT #112

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

Pat O'Neil

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	544982	
SCALE OPERATOR		
DLO0026 DEINDA L		
DATE IN	TIME IN	
5 October 2012	2:23 pm	
DATE OUT	TIME OUT	
5 October 2012	2:40 pm	
VEHICLE	ROLL OFF	
TRAIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 93,420.00 lb 112 LLOYD
Tare Weight 35,880.00 lb
Net Weight 57,540.00 lb 28.77 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.77	TN	SW-CONT SOIL W/FUEL				

Manifest:

THIN CHOICE SAFETY LIVE

It's the Right Thing!

INMAN
EPI BELLEVUE
2121055
#112 EXPORT

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

Pat Smith

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	545009	422653
SCALE OPERATOR		
LESLIE U		
DATE IN	TIME IN	
5 October 2012	3:27 pm	
DATE OUT	TIME OUT	
5 October 2012	3:43 pm	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 93,440.00 lb 112 LL
Tare Weight 35,060.00 lb
Net Weight 58,380.00 lb 29.19 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.19	TN	SW-CONT SOIL W/FUEL				

Manifest:

THINK SAFETY LIVE
It's the Right Thing!

IMMAN
EPI BELLEVUE
212105T
#112 TICKET
EXPORT

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

[Signature]

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	544712	
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN	TIME IN	
5 October 2012	8:22 am	
DATE OUT	TIME OUT	
5 October 2012	8:41 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 95,160.00 lb 126 LLOYD
Tare Weight 37,200.00 lb
Net Weight 57,960.00 lb 28.98 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
28.98	TN	SW-CONT SOIL W/FUEL				
		Manifest:	INMAN EPI BELLEVUE 2121055 #126 EXPORT			

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	545696	
SCALE OPERATOR		
DL00024 DETNDA I		
DATE IN		TIME IN
9 October 2012		8:35 am
DATE OUT		TIME OUT
9 October 2012		8:47 am
VEHICLE		ROLL OFF
COTI		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 94,900.00 lb 109 LLOYDS
Tare Weight 35,820.00 lb
Net Weight 59,080.00 lb 29.54 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.54	TN	SW-CONT SOIL W/FUEL				

Manifest:

THINK CHOOSE SAFETY LIVE

It's the Right Thing

IMMAN
EPI BELLEVUE
2121055
#108 EXPORT
WASTE

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construction Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	565727	
SCALE OPERATOR		
DL00026 DRINDA L		
DATE IN	TIME IN	
9 October 2012	9:36 am	
DATE OUT	TIME OUT	
9 October 2012	9:44 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 96,740.00 lb 108 LLOYDS
Tare Weight 35,800.00 lb
Net Weight 60,940.00 lb 30.47 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.47	TN	SW-CONT SOIL W/FUEL				

Manifest:

THINK CHOOSE SAFETY LIVE
It's the Right Thing

INMAN
EPI BELLEVUE
2121055
#108 EXACT
WASTE

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013212 - 0018
Saybr Construcion Inc
969 119th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	545744	
SCALE OPERATOR		
DL00024 DETNDA 1		
DATE IN		TIME IN
9 October 2012		10:136 am
DATE OUT		TIME OUT
9 October 2012		10:45 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 106,400.00 lb
Tare Weight 36,480.00 lb
Net Weight 69,920.00 lb 34.96 TN 108 LLOYD

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
34.96	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

IMMAN
EPI BELLEVUE
2121055
#108 EXPECT

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

2RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construciton Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98106
Contract: LW-12312

SITE	TICKET	GRID
01	565863	
SCALE OPERATOR		
N 00026 DETNDA 1		
DATE IN	TIME IN	
9 October 2012	11:40 am	
DATE OUT	TIME OUT	
9 October 2012	12:04 pm	
VEHICLE	ROLL OFF	
801		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 107,500.00 lb
Tare Weight 36,140.00 lb
Net Weight 71,360.00 lb 35.68 TN
108 LLOYD

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
35.68	TN	SW-CONT SOIL W/FUEL				

Manifest:

THINK CHOOSE SAFETY LIVE It's the Right Thing

IMMAN
EPI BELLEVUE
212105
#108 EXPORT WASTE

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saytr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	565896	
SCALE OPERATOR		
HM00029 HEATHER M		
DATE IN		TIME IN
9 October 2012		12:51 pm
DATE OUT		TIME OUT
9 October 2012		12:56 pm
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 102,500.00 lb
Tare Weight 35,940.00 lb
Net Weight 66,560.00 lb 33.28 TN

108 LLOYD

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
33.28	TN	SW-CONT SOIL W/FUEL				

Manifest:

INMAN
EPI BELLEVUE
#2121055
#108 EXPORT

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 94553
Contract: LW-12312

SITE	TICKET	GRID
01	545939	
SCALE OPERATOR		
DL00026 DETNDA 1		
DATE IN		TIME IN
9 October 2012		1:44 pm
DATE OUT		TIME OUT
9 October 2012		1:52 pm
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 109,800.00 lb 108 LLOYD
Tare Weight 36,020.00 lb
Net Weight 67,780.00 lb 33.89 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
33.89	TN	SW-CONT SOIL W/FUEL				

Manifest:

IMMAN
EPI BELLEVUE
2121055
#108 EXPT

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construction Inc
949 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	545984	
SCALE OPERATOR		
DL00026 DETNDA L		
DATE IN		TIME IN
9 October 2012		2:51 PM
DATE OUT		TIME OUT
9 October 2012		3:01 PM
VEHICLE		ROLL OFF
SOTI		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 102,640.00 lb 108 LLOYD
Tare Weight 35,440.00 lb
Net Weight 67,200.00 lb 33.60 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
33.60	TN	SW-CONT SOIL W/FUEL				

Manifest:

THINK CHOOSE SAFETY LIVE It's the Right Thing

IMMAN
EPI BELLEVUE
2121055
#108 WASTE
SOIL

SAFETY MEMOS:

- Hard hats MUST be worn.
 - High Visibility vests MUST be worn.
 - Passengers MUST remain in vehicle at all times.
- SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	565701	
SCALE OPERATOR		
DL00026 DRINDA L.		
DATE IN	TIME IN	
9 October 2012	8:48 am	
DATE OUT	TIME OUT	
9 October 2012	8:56 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 91,680.00 lb 112 LLOYDS
Tare Weight 39,640.00 lb
Net Weight 52,040.00 lb 26.02 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
26.02	TN	SW-CONT SOIL W/FUEL				

Manifest:

THINK CHOOSE SAFETY LIVE

It's the Right Thing!

IMMAN
EPI BELLEVUE
212105
#112 EXPORT
WASTE

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

Pat Chase

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	545724	
SCALE OPERATOR		
TN 00026 DETNDA.1		
DATE IN		TIME IN
9 October 2012		9:46 am
DATE OUT		TIME OUT
9 October 2012		10:04 am
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 99,600.00 lb 112 LLOYD
Tare Weight 37,780.00 lb
Net Weight 61,820.00 lb 30.91 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.91	TN	SW-CONT SOIL W/FUEL				

Manifest:

THINK CHOOSE SAFETY LIVE

It's the Right Thing!

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

Pat Chery

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98106
Contract: LW-12312

SITE	TICKET	GRID
01	565836	
SCALE OPERATOR		
DL00026 DRINDA L		
DATE IN	TIME IN	
9 October 2012	10:54 am	
DATE OUT	TIME OUT	
9 October 2012	11:57 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 105,760.00 lb 112 LLOYD
Tare Weight 35,380.00 lb
Net Weight 70,380.00 lb 35.19 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
35.19	TN	SW-CONT SOIL W/FUEL				

Manifest:

THINK CHOOSE SAFETY LIVE

It's the Right Thing!

INMAN
EPI BELLEVUE
2121055
#112 EXPORT
WASTE

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

Pat Chas

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	545222	
SCALE OPERATOR		
HM00028 HEATHER M		
DATE IN		TIME IN
9 October 2012		12:44 pm
DATE OUT		TIME OUT
9 October 2012		12:51 pm
VEHICLE		ROLL OFF
SDTL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 101,220.00 lb
Tare Weight 35,060.00 lb
Net Weight 66,160.00 lb 33.08 TN
112 LLOYD

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
33.08	TN	SW-CONT SOIL W/FUEL				

Manifest:

IMMAN
EPI BELLEVUE
2/21/05T
#112 EXPORT

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

Pat O'Neil

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0019
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 94553
Contract: LB-12312

SITE 01	TICKET 545937	GRID
SCALE OPERATOR DL00026 DRINDA L.		
DATE IN 9 October 2012		TIME IN 1:38 pm
DATE OUT 9 October 2012		TIME OUT 1:51 pm
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 102,280.00 lb 112 LLOYD
Tare Weight 34,980.00 lb
Net Weight 67,300.00 lb 33.65 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
33.65	TN	SW-CONT SOIL W/FUEL				

Manifest:

THINK CHOOSE SAFETY LIVE

It's the Right Thing!

IMMAN
EPI BELLEVUE
21210ST
112 EXROR

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

Joe Solary

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 -- 0018
Saybr Construction Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	5245070	
SCALE OPERATOR		
DLOOY26 DEINDA I		
DATE IN		TIME IN
9 October 2012		2:44 PM
DATE OUT		TIME OUT
9 October 2012		3:56 PM
VEHICLE		ROLL OFF
SOTI		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 101,420.00 lb
Tare Weight 35,060.00 lb
Net Weight 66,360.00 lb 33.18 TN
112 LLOYD

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
33.18	TN	SW-CONT SOIL W/FUEL				
		Manifests				

INMAN
EPI BELLEVUE
212105T
112 EXACT
WASTE

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

[Signature]

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 -- 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	545712	
SCALE OPERATOR		
DL00026 DRINDA I		
DATE IN		TIME IN
9 October 2012		9:04 am
DATE OUT		TIME OUT
9 October 2012		9:19 am
VEHICLE		ROLL OFF
SDI		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 97,840.00 lb 126 LLOYDS
Tare Weight 37,380.00 lb
Net Weight 60,460.00 lb 30.23 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.23	TN	SW-CONT SOIL W/FUEL				

Manifest:

THINK CHOOSE SAFETY LIVE

It's the Right Thing!

IMMAN
EPI BELLEVUE
2121055
126 WASTE
EXPORT

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

GRD AND LANDER
GRD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	545741	
SCALE OPERATOR		
DL00026 DEINDA I		
DATE IN		TIME IN
9 October 2012		10:07 AM
DATE OUT		TIME OUT
9 October 2012		10:15 AM
VEHICLE		ROLL OFF
SOTI		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 100,540.00 lb
Tare Weight 37,620.00 lb
Net Weight 62,920.00 lb 31.46 TN
126 LLOYD

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.46	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

INMAN
EPI BELLEVUE
2121055
126 WASTE
EXPORT

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	565807	
SCALE OPERATOR		
DL00026 DRINDA L		
DATE IN	TIME IN	
9 October 2012	11:13 am	
DATE OUT	TIME OUT	
9 October 2012	11:28 am	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 106,180.00 lb 126 LLOYD
Tare Weight 37,080.00 lb
Net Weight 69,100.00 lb 34.55 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
34.55	TN	SW-CONT SOIL W/FUEL				

Manifest:

IMMAN
EPI BELLEVUE
2121055
126 WASTE
EXAG

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

R. [Signature]

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98106
Contract: LW-12312

SITE	TICKET	GRID
01	545870	
SCALE OPERATOR		
DL00026 DRINDA L		
DATE IN		TIME IN
9 October 2012		12:18 pm
DATE OUT		TIME OUT
9 October 2012		12:29 pm
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 111,880.00 lb 126 LLOYD
Tare Weight 36,800.00 lb
Net Weight 75,080.00 lb 37.54 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
37.54	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

INMAN
EPI BELLEVUE
2121ST
#121 EXPORT
WASTE

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

It's the Right Thing!

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE 01	TICKET 545920	GRID
SCALE OPERATOR HM00028 HEATHER M		
DATE IN 9 October 2012		TIME IN 1:16 pm
DATE OUT 9 October 2012		TIME OUT 1:25 pm
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 97,800.00 lb 126 LLOYD
Tare Weight 36,800.00 lb
Net Weight 61,000.00 lb 30.50 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.50	TN	SW-CONT SOIL W/FUEL				

Manifest

INMAN
EPI BELLEVUE
2121055
#126 EXPORT
WASTE

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

[Handwritten Signature] 126

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

GRD AND LANDER
GRD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construction Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98045
Contract: LW-12312

SITE 01	TICKET 566567	GRID
SCALE OPERATOR HM00028 HEATHER M		
DATE IN 11 October 2012		TIME IN 8:43 am
DATE OUT 11 October 2012		TIME OUT 8:50 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

.00 Gross Weight 97,500.00 lb 108 LLOYD
Tare Weight 36,640.00 lb
Net Weight 60,860.00 lb 30.43 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.43	TN	SW CONT SOIL W/ FUEL				
		Manifest				

IMMAN
EPI BELLEVUE
212105T
#108
EXPORT
SOIL

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98604
Contract: LW-12312

SITE 01	TICKET 566600	GRID
SCALE OPERATOR DL00026 DRINDA L		
DATE IN 11 October 2012		TIME IN 9:50 am
DATE OUT 11 October 2012		TIME OUT 10:03 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 103,260.00 lb 108 LLOYD
Tare Weight 36,000.00 lb
Net Weight 67,260.00 lb 33.63 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
33.63	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

1 MAN
EPI BELLEVUE
212105T
#108 EXPORT
SOIL

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98321
Contract: LW-12312

SITE 01	TICKET 566663	GRID
SCALE OPERATOR DL00026 DRINDA L		
DATE IN 11 October 2012		TIME IN 10:53 am
DATE OUT 11 October 2012		TIME OUT 11:20 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 100,760.00 lb
Tare Weight 35,680.00 lb
Net Weight 65,080.00 lb 32.54 TN

109 LLOYD

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.54	TN	SW-LINT SOIL W/FUEL				
Manifest:						

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

IMMAN
EPI BELLEVUE
2121055
#108 SOIL
EXPORT

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98321
Contractr LW-12312

SITE	TICKET	GRID
01	566711	
SCALE OPERATOR		
DL00026 DRINDA L		
DATE IN		TIME IN
11 October 2012		12:07 pm
DATE OUT		TIME OUT
11 October 2012		12:17 pm
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 95,380.00 lb 108 LLOYD
Tare Weight 35,880.00 lb
Net Weight 59,500.00 lb 29.75 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
29.75	TN	SW-CONT SOIL W/FUEL				
		Manifest				

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

IMMAN
EPI BEUSE
212105T
#108 EXACT
SOIL

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA
Contract: LW-12312

SITE	TICKET	GRID
01	566773	
SCALE OPERATOR		
H-M00028 HEATHER M		
DATE IN	TIME IN	
11 October 2012	1:16 pm	
DATE OUT	TIME OUT	
11 October 2012	1:35 pm	
VEHICLE	ROLL OFF	
SITI		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 99,660.00 lb 108 LLOYD
Tare Weight 35,520.00 lb
Net Weight 64,140.00 lb 32.07 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
32.07	TN	SW-CONT SOIL W/FUEL				

Manifest:

IMMAN
201 BELLEVUE
#108 EXACT
SOIL
212105

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE _____

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construction Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98604
Contract: LW-12312

SITE 01	TICKET 566582	GRID
SCALE OPERATOR DL00026 DRINDA L		
DATE IN 11 October 2012		TIME IN 9:17 am
DATE OUT 11 October 2012		TIME OUT 9:28 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 104,600.00 lb 112 LLOYD
Tare Weight 35,700.00 lb
Net Weight 68,900.00 lb 34.45 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
34.45	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

INMAN
SP1 BELLEVUE
2121 OTT
#112 EXPORT
SOIL

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

Pat [Signature]

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
949 118th Ave SE, Bellevue
Tacoma, WA 98321
Contract: LW-12312

SITE 01	TICKET 566635	GRID
SCALE OPERATOR DL00026 DRINDA L		
DATE IN 11 October 2012		TIME IN 10:17 am
DATE OUT 11 October 2012		TIME OUT 10:49 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 101,600.00 lb
Tare Weight 35,200.00 lb
Net Weight 66,400.00 lb 33.20 TN

112 LLOYD

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
33.20	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

IMMAN
SP1 BELLEVUE
212105T
112 EXACT
SOIL

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

[Signature]

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98321
Contract: LW-12312

SITE	TICKET	GRID
01	544703	
SCALE OPERATOR		
DL00026 DRINDA L		
DATE IN		TIME IN
11 October 2012		11:34 am
DATE OUT		TIME OUT
11 October 2012		12:07 pm
VEHICLE		ROLL OFF
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 91,060.00 lb
Tare Weight 35,380.00 lb
Net Weight 55,680.00 lb 27.84 TN 112 LLOYD

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
27.84	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

THINK
CHOOSE
SAFETY
LIVE
It's the Right Thing!

INMAN
201 BELLEVUE
212105T
#12 EXACT
SOIL

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

Was Okey

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 -- 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98118
Contract: LW-12312

SITE 01	TICKET 566604	GRID
SCALE OPERATOR DL00026 DRINDA L		
DATE IN 11 October 2012		TIME IN 9:19 am
DATE OUT 11 October 2012		TIME OUT 10:12 am
VEHICLE SOIL		ROLL OFF
REFERENCE	ORIGIN BELLEVUE/KING	

00 Gross Weight 98,900.00 lb 104 LLOYD
Tare Weight 36,220.00 lb
Net Weight 62,680.00 lb 31.34 TN

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
31.34	TN	SW-CONT SOIL W/FUEL				
		Manifest:				

INMAN
EPI BELLEVUE
212105T
\$104 SOIL
EXTRACT
WASTE

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE



NET AMOUNT

TENDERED

CHANGE

CHECK NO.

3RD AND LANDER
3RD AND LANDER

SEATTLE, WA
013213 - 0018
Saybr Construcion Inc
969 118th Ave SE, Bellevue
Tacoma, WA 98321
Contract: LW-12312

SITE	TICKET	GRID
01	546300	
SCALE OPERATOR		
DL00034 DRINDA L		
DATE IN	TIME IN	
11 October 2012	11:04 am	
DATE OUT	TIME OUT	
11 October 2012	12:03 pm	
VEHICLE	ROLL OFF	
SOIL		
REFERENCE	ORIGIN	
	BELLEVUE/KING	

00 Gross Weight 97,420.00 lb
Tare Weight 35,500.00 lb
Net Weight 61,920.00 lb 30.96 TN 104 LLOYDS

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
30.96	TN	SW-CONT SOIL W/FUEL				

Manifest:

SAFETY MEMOS:

- Hard hats MUST be worn.
- High Visibility vests MUST be worn.
- Passengers MUST remain in vehicle at all times.

SIGNATURE

NET AMOUNT

TENDERED

CHANGE

CHECK NO.

1 MAN
EPI
BELLEVUE
#104
SOIL
WASTE
EXPORT

Attachment B
Ground Water Disposal Documentation

EPI Bellevue
Water Pumping

8/31/2012

<u>Date</u>	<u>Bill of Lading #</u>	<u>Description</u>	<u>Gallons Pumped</u>	<u>Saybr Amount Invoiced</u>	<u>Saybr Invoice #</u>
8/10/2012	11163	Waste Water - Gasoline Excavation	1250	1250	18435
8/17/2012	11206	Waste Water - Diesel Excavation	1000	1000	18435
8/20/2012	11125	Waste Water - Gasoline Excavation	5000	5000	18435
8/20/2012	11125	Waste Water - Diesel Excavation	1200	1200	18435
8/22/2012	11236	Waste Water - Diesel Excavation	1300	1300	18435
8/22/2012	11236	Waste Water - Gasoline Excavation	1500	1500	18435
8/22/2012	11209	Waste Water - Gasoline Excavation	1400	1400	18435
8/24/2012	11838	Waste Water - Gasoline Excavation	2800	2800	18435
8/24/2012	11839	Waste Water - Gasoline Excavation	4900	4900	18435
8/24/2012	11275	Waste Water - Diesel Excavation	3000	3000	18435
8/24/2012	11220	Waste Water - Gasoline Excavation	3000	3000	18435
8/28/2012	10203	Waste Water - Diesel Excavation	900	900	18435
Total			27250		

is an acknowledgment that a Bill of Lading has been issued and is not Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Carrier No. _____

Date 7/10/12

Page _____ of _____

(Name of carrier)

(SCAC)

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:
Consignee **MARINE VACUUM SERVICE INC.**

Street 1519 S. GRAHAM ST

City SEATTLE State WA Zip Code 98106

FROM: Shipper

Street 757 172

City State Zip Code

24 hr. Emergency Contact Tel. No. 800-540-7891

Route	Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
171		1000 DISCONTINUED WHITE WASTE	1200	Gallons		
		1000	50	Gallons		
		Revised 12/12/55 Unloading Lee Treat this as a change The water came from the south side of the property and was not expected. Lee				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

REMIT
C.O.D. TO:
ADDRESS:

COD

Amt: \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE:
PREPAID ☐
COLLECT ☐

TOTAL

FREIGHT CHARGES

FREIGHT PREPAID
except when box
right is checked

☐ Check box if charges are to be collected

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to de-

tinuation and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER CARRIER MARINE VACUUM SERVICE INC.

PER *[Signature]* PER *[Signature]*

DATE _____



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USING SOYBEAN INK



PRINTED WITH
SOY INK

4

This Memorandum

is an acknowledgment that a Bill of Lading has been issued and is not Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. **011125**

Carrier No. _____

Date **08/20/2012**

Page **1** of **4**

MARINE VACUUM SERVICE INC.

(Name of carrier)

(SCAC)

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

TO:

Consignee **MARINE VACUUM SERVICE INC.**

Street **1515 S. GRAHAM ST.**

City **SEATTLE** State **WA**

Zip Code **98108**

FROM:

Shipper **Singh Contractor**

Street

City

State

Zip Code **1200**

24 hr. Emergency Contact Tel. No. **800-430-7491**

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Proper Shipping Name, UN or NA Number, Packing Group or Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
111		Non Regulated Liquid Waste Water (Truck #125, 00 gal) (Crystalline)				
111		Non Regulated Liquid Waste Water (Truck #223) (Diesel)	1200 gal			
		DO # 2121055				

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature _____

REMIT C.O.D. TO: ADDRESS

COD

Amt. \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE: PREPAID ☐ COLLECT ☐ \$

TOTAL CHARGES \$

FREIGHT PREPAID

except when box at right is checked

Check box if charges are to be collect ☐

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER

PER

CARRIER **MARINE VACUUM SERVICE INC.**

PER

DATE **08/20/2012**

3



On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

TO:

Consignee **MARINE VACUUM SERVICE INC.**

Street 1516 S. GRAHAM ST.

City **SEATTLE** State, **WA** Zip Code **98106**

FROM:
Shipper

Street 969 118 Ave Se

City Madison State WI Zip Code _____

24 hr. Emergency Contact Tel. No. 800-340-7491

Route

Vehicle Number 129

[illegible]PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations.

Signature

REMIT
C.O.D. TO:
ADDRESS

Amt: \$

C.O.D. FEE:
PREPAID ☐
COLLECT ☐

TOTAL CHARGES	\$

FREIGHT CHARGES
FREIGHT PREPAID Check box if charges
 except when box at are to be
 right is checked ☐ collect.

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to des-

tion and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER

PER

CARRIER ~~MARINE VACUUM SERVICE INC~~

PER

DATE _____

Permanent post-office address of shipper.



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JOY-INK

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Attachment C
UST Site Assessment Checklists



UNDERGROUND STORAGE TANK Site Check/Site Assessment Checklist

FOR OFFICE USE ONLY

Site #: _____

Facility Site ID #: _____

INSTRUCTIONS

When a release has not been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person certified by ICC or a Washington registered professional engineer who is competent, by means of examination, experience, or education, to perform site assessments. **The results of the site check or site assessment must be included with this checklist.** This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

SITE INFORMATION: Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

TANK INFORMATION: Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers if available, and indicate tank capacity and substance stored.

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT: Please check the appropriate item.

CHECKLIST: Please initial each item in the appropriate box.

SITE ASSESSOR INFORMATION: This information must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

Underground Storage Tank Section
Department of Ecology
PO Box 47655
Olympia WA 98504-7655

SITE INFORMATION

Site ID Number (Available from Ecology if the tanks are registered): N/A
Site/Business Name: Buss LLC Property
Site Address: 969 118th Avenue SE Telephone: (252) 227-7218
Belleve Washington 98563
City Street State Zip Code

TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
<u>UST No. 1</u>	<u>560-gallons</u>	<u>Diesel Fuel</u>
_____	_____	_____
_____	_____	_____

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

- ☐ Investigate suspected release due to on-site environmental contamination.
- ☐ Investigate suspected release due to off-site environmental contamination.
- ☐ Extend temporary closure of UST system for more than 12 months.
- ☐ UST system undergoing change-in-service.
- ☒ UST system permanently closed with tank removed.
- ☐ Abandoned tank containing product.
- ☐ Required by Ecology or delegated agency for UST system closed before 12/22/88.
- ☐ Other (describe): _____

CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.

	YES	NO
1. The location of the UST site is shown on a vicinity map.	GML	
2. A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in site assessment guidance)	GML	
3. A summary of UST system data is provided. (see Section 3.1.)		GML
4. The soils characteristics at the UST site are described. (see Section 5.2)	GML	
5. Is there any apparent groundwater in the tank excavation?	GML	
6. A brief description of the surrounding land use is provided. (see Section 3.1)	GML	
7. Information has been provided indicating the number and types of samples collected, methods used to collect and analyze the samples, and the name and address of the laboratory used to perform the analyses.	GML	
8. A sketch or sketches showing the following items is provided:		
- location and ID number for all field samples collected	GML	
- groundwater samples distinguished from soil samples (if applicable)	GML	
- samples collected from stockpiled excavated soil	GML	
- tank and piping locations and limits of excavation pit	GML	
- adjacent structures and streets	GML	
- approximate locations of any on-site and nearby utilities	GML	
9. If sampling procedures different from those specified in the guidance were used, has justification for using these alternative sampling procedures been provided? (see Section 3.4)	GML	
10. A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method and detection limit for that method.	GML	
11. Any factors that may have compromised the quality of the data or validity of the results are described.	GML	
12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred.	GML	

SITE ASSESSOR INFORMATION

Greg McCormick Environmental Partners, Inc.
 Person registered with Ecology Firm Affiliated with

Business Address: 295 NE Gilman Blvd #201 Telephone: (253) 395-0010
 Street

Issaquah Washington 98027
 City State Zip Code

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

8/10/12 [Signature]
 Date Signature of Person Registered with Ecology

If you need this publication in an alternate format, please contact Toxics Cleanup Program at (360) 407-7170. For persons with a speech or hearing impairment call 711 for relay service or 800-833-6388 for TTY.



UNDERGROUND STORAGE TANK Site Check/Site Assessment Checklist

FOR OFFICE USE ONLY

Site #: _____

Facility Site ID #: _____

INSTRUCTIONS

When a release has not been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person certified by ICC or a Washington registered professional engineer who is competent, by means of examination, experience, or education, to perform site assessments. **The results of the site check or site assessment must be included with this checklist.** This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

SITE INFORMATION: Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

TANK INFORMATION: Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers if available, and indicate tank capacity and substance stored.

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT: Please check the appropriate item.

CHECKLIST: Please initial each item in the appropriate box.

SITE ASSESSOR INFORMATION: This information must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

Underground Storage Tank Section
Department of Ecology
PO Box 47655
Olympia WA 98504-7655

SITE INFORMATION

Site ID Number (Available from Ecology if the tanks are registered): N/A
Site/Business Name: Buss LLC Property
Site Address: 969 118th Avenue SE Telephone: (425) 227-7298
Bellevue Washington 98563
City Street State Zip Code

TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
<u>UST No. 2</u>	<u>1,120-gallon</u>	<u>Diesel Fuel</u>
_____	_____	_____
_____	_____	_____

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

- ☐ Investigate suspected release due to on-site environmental contamination.
- ☐ Investigate suspected release due to off-site environmental contamination.
- ☐ Extend temporary closure of UST system for more than 12 months.
- ☐ UST system undergoing change-in-service.
- ☒ UST system permanently closed with tank removed.
- ☐ Abandoned tank containing product.
- ☐ Required by Ecology or delegated agency for UST system closed before 12/22/88.
- ☐ Other (describe): _____

CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.

	YES	NO
1. The location of the UST site is shown on a vicinity map.	GMC	
2. A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in site assessment guidance)	GMC	
3. A summary of UST system data is provided. (see Section 3.1.)		GMC
4. The soils characteristics at the UST site are described. (see Section 5.2)	GMC	
5. Is there any apparent groundwater in the tank excavation?		GMC
6. A brief description of the surrounding land use is provided. (see Section 3.1)	GMC	
7. Information has been provided indicating the number and types of samples collected, methods used to collect and analyze the samples, and the name and address of the laboratory used to perform the analyses.	GMC	
8. A sketch or sketches showing the following items is provided:		
- location and ID number for all field samples collected	GMC	
- groundwater samples distinguished from soil samples (if applicable)	GMC	
- samples collected from stockpiled excavated soil	GMC	
- tank and piping locations and limits of excavation pit	GMC	
- adjacent structures and streets	GMC	
- approximate locations of any on-site and nearby utilities	GMC	
9. If sampling procedures different from those specified in the guidance were used, has justification for using these alternative sampling procedures been provided? (see Section 3.4)	GMC	
10. A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method and detection limit for that method.	GMC	
11. Any factors that may have compromised the quality of the data or validity of the results are described.	GMC	
12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred.		GMC

SITE ASSESSOR INFORMATION

Greg McCormick Environmental Partners, Inc.
Person registered with Ecology Firm Affiliated with

Business Address: 295 NE Gilman Blvd #201 Telephone: () _____
City: Fessenden State: Washington Zip Code: 98027

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

8/27/12 _____
Date Signature of Person Registered with Ecology

If you need this publication in an alternate format, please contact Toxics Cleanup Program at (360) 407-7170. For persons with a speech or hearing impairment call 711 for relay service or 800-833-6388 for TTY.

Attachment D
Copies of Analytical Laboratory Reports



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 12, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401.1
Laboratory Reference No. 1210-114

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on October 11, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal line extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: October 12, 2012
Samples Submitted: October 11, 2012
Laboratory Reference: 1210-114
Project: 62401.1

Case Narrative

Samples were collected on October 11, 2012 and received by the laboratory on October 11, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: October 12, 2012
 Samples Submitted: October 11, 2012
 Laboratory Reference: 1210-114
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC5-31:6					
Laboratory ID:	10-114-01					
Diesel Range Organics	ND	130	NWTPH-Dx	10-11-12	10-11-12	
Lube Oil Range Organics	ND	250	NWTPH-Dx	10-11-12	10-11-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o-Terphenyl</i>	84	50-150				
Client ID:	AOPC5-32:6					
Laboratory ID:	10-114-02					
Diesel Range Organics	ND	110	NWTPH-Dx	10-11-12	10-11-12	
Lube Oil Range Organics	ND	220	NWTPH-Dx	10-11-12	10-11-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o-Terphenyl</i>	81	50-150				
Client ID:	AOPC5-33:6					
Laboratory ID:	10-114-03					
Diesel Range Organics	ND	43	NWTPH-Dx	10-11-12	10-11-12	
Lube Oil Range Organics	ND	85	NWTPH-Dx	10-11-12	10-11-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o-Terphenyl</i>	78	50-150				

Date of Report: October 12, 2012
 Samples Submitted: October 11, 2012
 Laboratory Reference: 1210-114
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1011S4					
Diesel Range Organics	ND	25	NWTPH-Dx	10-11-12	10-11-12	
Lube Oil Range Organics	ND	50	NWTPH-Dx	10-11-12	10-11-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	119	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-039-01							
	ORIG	DUP						
Diesel Range Organics	253	214				17	NA	N
Lube Oil	1600	1350				17	NA	
Surrogate:								
o-Terphenyl			77	70	50-150			

Date of Report: October 12, 2012
 Samples Submitted: October 11, 2012
 Laboratory Reference: 1210-114
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC5-Water (TP)					
Laboratory ID:	10-114-04					
Diesel Range Organics	ND	0.26	NWTPH-Dx	10-11-12	10-11-12	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	10-11-12	10-11-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	82	50-150				

Date of Report: October 12, 2012
 Samples Submitted: October 11, 2012
 Laboratory Reference: 1210-114
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1011W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	10-11-12	10-11-12	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	10-11-12	10-11-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	82	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	SB1011W1							
	ORIG	DUP						
Diesel Fuel #2	0.788	0.802				2	NA	
Surrogate:								
o-Terphenyl			85	88	50-150			

Date of Report: October 12, 2012
Samples Submitted: October 11, 2012
Laboratory Reference: 1210-114
Project: 62401.1

% MOISTURE

Date Analyzed: 10-11-12

Client ID	Lab ID	% Moisture
AOPC5-31:6	10-114-01	80
AOPC5-32:6	10-114-02	77
AOPC5-33:6	10-114-03	41



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

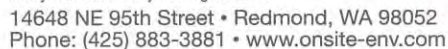
Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference

Page 1 of 1

10-114

Sampled by: _____

☐ _____ (other)

% Moisture

[illegible]Electronic Data Deliverables (EDDs) ☐ _____



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 11, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401.1
Laboratory Reference No. 1210-099

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on October 10, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", followed by a long horizontal flourish.

David Baumeister
Project Manager

Enclosures

Date of Report: October 11, 2012
Samples Submitted: October 10, 2012
Laboratory Reference: 1210-099
Project: 62401.1

Case Narrative

Samples were collected on October 10, 2012 and received by the laboratory on October 10, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: October 11, 2012
 Samples Submitted: October 10, 2012
 Laboratory Reference: 1210-099
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC5-25:6					
Laboratory ID:	10-099-01					
Diesel Range Organics	ND	28	NWTPH-Dx	10-10-12	10-10-12	
Lube Oil Range Organics	ND	55	NWTPH-Dx	10-10-12	10-10-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	95	50-150				

Client ID:	AOPC5-26:6					
Laboratory ID:	10-099-02					
Diesel Range Organics	ND	66	NWTPH-Dx	10-10-12	10-10-12	
Lube Oil Range Organics	ND	130	NWTPH-Dx	10-10-12	10-10-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	70	50-150				

Client ID:	AOPC5-27:6					
Laboratory ID:	10-099-03					
Diesel Range Organics	ND	72	NWTPH-Dx	10-10-12	10-10-12	
Lube Oil Range Organics	ND	140	NWTPH-Dx	10-10-12	10-10-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	79	50-150				

Client ID:	AOPC5-28:6					
Laboratory ID:	10-099-04					
Diesel Range Organics	240	46	NWTPH-Dx	10-10-12	10-10-12	N
Lube Oil	3500	93	NWTPH-Dx	10-10-12	10-10-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	98	50-150				

Client ID:	AOPC5-29:6					
Laboratory ID:	10-099-05					
Diesel Range Organics	430	47	NWTPH-Dx	10-10-12	10-10-12	
Lube Oil	1800	94	NWTPH-Dx	10-10-12	10-10-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	75	50-150				

Client ID:	AOPC5-30:8					
Laboratory ID:	10-099-06					
Diesel Range Organics	ND	130	NWTPH-Dx	10-10-12	10-10-12	
Lube Oil Range Organics	ND	270	NWTPH-Dx	10-10-12	10-10-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	70	50-150				

Date of Report: October 11, 2012
 Samples Submitted: October 10, 2012
 Laboratory Reference: 1210-099
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1010S2					
Diesel Range Organics	ND	25	NWTPH-Dx	10-10-12	10-10-12	
Lube Oil Range Organics	ND	50	NWTPH-Dx	10-10-12	10-10-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	111	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-099-01							
	ORIG	DUP						
Diesel Range Organics	ND	ND				NA	NA	
Lube Oil Range Organics	ND	ND				NA	NA	
Surrogate:								
<i>o</i> -Terphenyl			95	96	50-150			

Date of Report: October 11, 2012
 Samples Submitted: October 10, 2012
 Laboratory Reference: 1210-099
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC5-Water					
Laboratory ID:	10-099-07					
Diesel Range Organics	ND	0.26	NWTPH-Dx	10-10-12	10-10-12	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	10-10-12	10-10-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	95	50-150				

Date of Report: October 11, 2012
 Samples Submitted: October 10, 2012
 Laboratory Reference: 1210-099
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1010W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	10-10-12	10-10-12	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	10-10-12	10-10-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	94	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	SB1010W1							
	ORIG	DUP						
Diesel Fuel #2	1.12	1.02					9	NA
Surrogate:								
o-Terphenyl			105	97	50-150			

Date of Report: October 11, 2012
Samples Submitted: October 10, 2012
Laboratory Reference: 1210-099
Project: 62401.1

% MOISTURE

Date Analyzed: 10-10-12

Client ID	Lab ID	% Moisture
AOPC5-25:6	10-099-01	10
AOPC5-26:6	10-099-02	62
AOPC5-27:6	10-099-03	65
AOPC5-28:6	10-099-04	46
AOPC5-29:6	10-099-05	47
AOPC5-30:8	10-099-06	81



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference

Chain of Custody

Company: Environmental Partners
Project Number: 62401.1
Project Name: Buss LLC
Project Manager: Greg McCormick
Sampled by: JMConril

Turnaround Request
(in working days)

(Check One)

☒ Same Day ☐ 1 Day
☐ 2 Day ☐ 3 Day
☐ Standard (7 working days)
(TPH analysis 5 working days)
☐ (other) _____

Laboratory Number: **10-099**

						Requested Analysis													
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	# of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Volatiles by 8260B	Halogenated Volatiles by 8260B	Semivolatiles by 8270D / SIM	PAHs by 8270D / SIM	PCBs by 8082	Pesticides by 8081A	Herbicides by 8151A	Total RCRA Metals (8)	TCLP Metals	HEM by 1664	% Moisture
1	AOPCS-25:6	10/10/12	11:15	S	1			X											X
2	AOPCS-26:6		11:20	S	1			X											X
3	AOPCS-27:6		11:25	S	1			X											X
4	AOPCS-28:6		11:30	S	1			X											X
5	AOPCS-29:6		11:40	S	1			X											X
6	AOPCS-30:8		11:45	S	1			X											X
7	AOPCS-Water	↓	10:30	W	1			X											~~X~~

Signature	Company	Date	Time	Comments/Special Instructions:
<u>JMConril</u>	<u>EPI</u>	<u>10/10/12</u>	<u>1:00</u>	
<u>[Signature]</u>	<u>OnSite Env</u>	<u>10/10/12</u>	<u>1300</u>	
Relinquished by				
Received by				
Relinquished by				
Received by				
Relinquished by				
Received by				
Reviewed by/Date	Reviewed by/Date	Chromatograms with final report ☐		



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 9, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401.1
Laboratory Reference No. 1210-070

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on October 8, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal line extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: October 9, 2012
Samples Submitted: October 8, 2012
Laboratory Reference: 1210-070
Project: 62401.1

Case Narrative

Samples were collected on October 8, 2012 and received by the laboratory on October 8, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: October 9, 2012
 Samples Submitted: October 8, 2012
 Laboratory Reference: 1210-070
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC5-17:6'					
Laboratory ID:	10-070-01					
Diesel Range Organics	290	36	NWTPH-Dx	10-8-12	10-8-12	
Lube Oil	1400	71	NWTPH-Dx	10-8-12	10-8-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	83	50-150				

Client ID:	AOPC5-18:8					
Laboratory ID:	10-070-02					
Diesel Range Organics	ND	39	NWTPH-Dx	10-8-12	10-8-12	
Lube Oil	390	78	NWTPH-Dx	10-8-12	10-8-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	88	50-150				

Client ID:	AOPC5-19:8					
Laboratory ID:	10-070-03					
Diesel Range Organics	ND	41	NWTPH-Dx	10-8-12	10-8-12	
Lube Oil Range Organics	ND	82	NWTPH-Dx	10-8-12	10-8-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	79	50-150				

Client ID:	AOPC5-20:8					
Laboratory ID:	10-070-04					
Diesel Range Organics	ND	53	NWTPH-Dx	10-8-12	10-8-12	
Lube Oil	170	110	NWTPH-Dx	10-8-12	10-8-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	84	50-150				

Client ID:	AOPC5-21:6					
Laboratory ID:	10-070-05					
Diesel Range Organics	900	640	NWTPH-Dx	10-8-12	10-9-12	N
Lube Oil	14000	1300	NWTPH-Dx	10-8-12	10-9-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	---	50-150				S

Client ID:	AOPC5-22:6					
Laboratory ID:	10-070-06					
Diesel Range Organics	ND	31	NWTPH-Dx	10-8-12	10-9-12	
Lube Oil	100	62	NWTPH-Dx	10-8-12	10-9-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	95	50-150				

Date of Report: October 9, 2012
 Samples Submitted: October 8, 2012
 Laboratory Reference: 1210-070
 Project: 62401.1

NWTPH-Dx
 (with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC5-23:6					
Laboratory ID:	10-070-07					
Diesel Range Organics	ND	35	NWTPH-Dx	10-8-12	10-8-12	
Lube Oil Range Organics	ND	70	NWTPH-Dx	10-8-12	10-8-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	101	50-150				

Client ID:	AOPC5-24					
Laboratory ID:	10-070-08					
Diesel Range Organics	400	48	NWTPH-Dx	10-8-12	10-8-12	N
Lube Oil	4500	96	NWTPH-Dx	10-8-12	10-8-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	89	50-150				

Client ID:	AOPC5-2:9					
Laboratory ID:	10-070-09					
Diesel Range Organics	ND	180	NWTPH-Dx	10-8-12	10-9-12	
Lube Oil Range Organics	ND	360	NWTPH-Dx	10-8-12	10-9-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	83	50-150				

Client ID:	AOPC5-3:9					
Laboratory ID:	10-070-10					
Diesel Range Organics	ND	170	NWTPH-Dx	10-8-12	10-9-12	
Lube Oil	370	340	NWTPH-Dx	10-8-12	10-9-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	82	50-150				

Client ID:	AOPC5-4R:6					
Laboratory ID:	10-070-11					
Diesel Range Organics	500	60	NWTPH-Dx	10-8-12	10-9-12	N
Lube Oil	3300	120	NWTPH-Dx	10-8-12	10-9-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	108	50-150				

Client ID:	AOPC5-SP1					
Laboratory ID:	10-070-12					
Diesel Range Organics	320	260	NWTPH-Dx	10-8-12	10-9-12	N
Lube Oil	3900	510	NWTPH-Dx	10-8-12	10-9-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	105	50-150				

Date of Report: October 9, 2012
 Samples Submitted: October 8, 2012
 Laboratory Reference: 1210-070
 Project: 62401.1

NWTPH-Dx
 (with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC5-SP2					
Laboratory ID:	10-070-13					
Diesel Range Organics	91	32	NWTPH-Dx	10-8-12	10-8-12	N
Lube Oil	750	63	NWTPH-Dx	10-8-12	10-8-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>105</i>	<i>50-150</i>				
Client ID:	AOPC5-SP3					
Laboratory ID:	10-070-14					
Diesel Range Organics	130	32	NWTPH-Dx	10-8-12	10-9-12	N
Lube Oil	930	63	NWTPH-Dx	10-8-12	10-9-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>99</i>	<i>50-150</i>				

Date of Report: October 9, 2012
 Samples Submitted: October 8, 2012
 Laboratory Reference: 1210-070
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1008S2					
Diesel Range Organics	ND	25	NWTPH-Dx	10-8-12	10-8-12	
Lube Oil Range Organics	ND	50	NWTPH-Dx	10-8-12	10-8-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	97	50-150				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	10-070-12						
	ORIG	DUP					
Diesel Range Organics	154	137			12	NA	N
Lube Oil	1910	1740			9	NA	
Surrogate:							
o-Terphenyl			105	108	50-150		
Laboratory ID:	10-070-13						
	ORIG	DUP					
Diesel Range Organics	72.3	63.9			12	NA	N
Lube Oil	592	469			23	NA	
Surrogate:							
o-Terphenyl			105	98	50-150		

Date of Report: October 9, 2012
Samples Submitted: October 8, 2012
Laboratory Reference: 1210-070
Project: 62401.1

% MOISTURE

Date Analyzed: 10-8-12

Client ID	Lab ID	% Moisture
AOPC5-17:6'	10-070-01	30
AOPC5-18:8	10-070-02	36
AOPC5-19:8	10-070-03	39
AOPC5-20:8	10-070-04	53
AOPC5-21:6	10-070-05	22
AOPC5-22:6	10-070-06	19
AOPC5-23:6	10-070-07	29
AOPC5-24	10-070-08	48
AOPC5-2:9	10-070-09	86
AOPC5-3:9	10-070-10	85
AOPC5-4R:6	10-070-11	58
AOPC5-SP1	10-070-12	51
AOPC5-SP2	10-070-13	21
AOPC5-SP3	10-070-14	21



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



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Page 2 of 2

10-070

Company:	EP1
Project Number:	62401.1
Project Name:	Buss LLC
Project Manager:	Greg McCormick
Sampled by:	M. Hoeg

[illegible]



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October 8, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401.1
Laboratory Reference No. 1210-046

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on October 5, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal line extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: October 8, 2012
Samples Submitted: October 5, 2012
Laboratory Reference: 1210-046
Project: 62401.1

Case Narrative

Samples were collected on October 4 and 5, 2012 and received by the laboratory on October 5, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: October 8, 2012
 Samples Submitted: October 5, 2012
 Laboratory Reference: 1210-046
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC 5-1:6					
Laboratory ID:	10-046-01					
Diesel Range Organics	ND	88	NWTPH-Dx	10-5-12	10-5-12	
Lube Oil	190	180	NWTPH-Dx	10-5-12	10-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	107	50-150				

Client ID:	AOPC 5-2:6					
Laboratory ID:	10-046-02					
Diesel Range Organics	ND	720	NWTPH-Dx	10-5-12	10-5-12	U1
Lube Oil	4500	90	NWTPH-Dx	10-5-12	10-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	88	50-150				

Client ID:	AOPC 5-3:7					
Laboratory ID:	10-046-03					
Diesel Range Organics	720	44	NWTPH-Dx	10-5-12	10-5-12	N
Lube Oil	4100	89	NWTPH-Dx	10-5-12	10-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	106	50-150				

Client ID:	AOPC 5-4:6					
Laboratory ID:	10-046-04					
Diesel Range Organics	290	31	NWTPH-Dx	10-5-12	10-5-12	N
Lube Oil	2100	63	NWTPH-Dx	10-5-12	10-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	119	50-150				

Client ID:	AOPC 5-5:6					
Laboratory ID:	10-046-05					
Diesel Range Organics	ND	31	NWTPH-Dx	10-5-12	10-5-12	
Lube Oil	170	63	NWTPH-Dx	10-5-12	10-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	118	50-150				

Client ID:	AOPC 5-6:6					
Laboratory ID:	10-046-06					
Diesel Range Organics	ND	29	NWTPH-Dx	10-5-12	10-5-12	
Lube Oil Range Organics	ND	59	NWTPH-Dx	10-5-12	10-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	116	50-150				

Date of Report: October 8, 2012
 Samples Submitted: October 5, 2012
 Laboratory Reference: 1210-046
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC 5-7:6					
Laboratory ID:	10-046-07					
Diesel Range Organics	38	29	NWTPH-Dx	10-5-12	10-5-12	
Lube Oil	90	59	NWTPH-Dx	10-5-12	10-5-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	112	50-150				

Client ID:	AOPC 5-8:6					
Laboratory ID:	10-046-08					
Diesel Range Organics	ND	75	NWTPH-Dx	10-5-12	10-5-12	
Lube Oil	190	150	NWTPH-Dx	10-5-12	10-5-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	112	50-150				

Client ID:	AOPC 5-9					
Laboratory ID:	10-046-09					
Diesel Range Organics	65	30	NWTPH-Dx	10-5-12	10-5-12	
Lube Oil	300	61	NWTPH-Dx	10-5-12	10-5-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	119	50-150				

Client ID:	AOPC 5-10					
Laboratory ID:	10-046-10					
Diesel Range Organics	ND	140	NWTPH-Dx	10-5-12	10-5-12	U1
Lube Oil	900	67	NWTPH-Dx	10-5-12	10-5-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	124	50-150				

Client ID:	AOPC 5-11					
Laboratory ID:	10-046-11					
Diesel Range Organics	ND	930	NWTPH-Dx	10-5-12	10-5-12	U1
Lube Oil	6100	330	NWTPH-Dx	10-5-12	10-5-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	103	50-150				

Client ID:	AOPC 5-12					
Laboratory ID:	10-046-12					
Diesel Range Organics	ND	39	NWTPH-Dx	10-5-12	10-5-12	U1
Lube Oil	240	73	NWTPH-Dx	10-5-12	10-5-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	115	50-150				

Date of Report: October 8, 2012
 Samples Submitted: October 5, 2012
 Laboratory Reference: 1210-046
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC 5-13					
Laboratory ID:	10-046-13					
Diesel Range Organics	ND	510	NWTPH-Dx	10-5-12	10-8-12	U1
Lube Oil	4300	420	NWTPH-Dx	10-5-12	10-8-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>110</i>	<i>50-150</i>				

Client ID:	AOPC 5-14:8					
Laboratory ID:	10-046-14					
Diesel Range Organics	ND	100	NWTPH-Dx	10-5-12	10-5-12	
Lube Oil	260	210	NWTPH-Dx	10-5-12	10-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>116</i>	<i>50-150</i>				

Client ID:	AOPC 5-15:8					
Laboratory ID:	10-046-15					
Diesel Range Organics	ND	81	NWTPH-Dx	10-5-12	10-5-12	
Lube Oil	180	160	NWTPH-Dx	10-5-12	10-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>116</i>	<i>50-150</i>				

Client ID:	AOPC 5-16:8					
Laboratory ID:	10-046-16					
Diesel Range Organics	ND	55	NWTPH-Dx	10-5-12	10-5-12	
Lube Oil	110	110	NWTPH-Dx	10-5-12	10-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>111</i>	<i>50-150</i>				

Date of Report: October 8, 2012
 Samples Submitted: October 5, 2012
 Laboratory Reference: 1210-046
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1005S1					
Diesel Range Organics	ND	25	NWTPH-Dx	10-5-12	10-5-12	
Lube Oil Range Organics	ND	50	NWTPH-Dx	10-5-12	10-5-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	138	50-150				

Analyte	Result		Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE							
Laboratory ID:	10-046-07						
	ORIG	DUP					
Diesel Range Organics	32.1	28.9			10	NA	
Lube Oil	76.3	68.8			10	NA	
Surrogate:							
o-Terphenyl			112	106	50-150		
Laboratory ID:	10-046-09						
	ORIG	DUP					
Diesel Range Organics	53.3	35.3			41	NA	
Lube Oil	251	208			19	NA	
Surrogate:							
o-Terphenyl			119	115	50-150		

Date of Report: October 8, 2012
 Samples Submitted: October 5, 2012
 Laboratory Reference: 1210-046
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC 5-Water					
Laboratory ID:	10-046-17					
Diesel Range Organics	ND	0.41	NWTPH-Dx	10-5-12	10-5-12	U1
Lube Oil	2.7	0.42	NWTPH-Dx	10-5-12	10-5-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	92	50-150				

Date of Report: October 8, 2012
 Samples Submitted: October 5, 2012
 Laboratory Reference: 1210-046
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1005W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	10-5-12	10-5-12	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	10-5-12	10-5-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	102	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	10-045-01							
	ORIG	DUP						
Diesel Range Organics	ND	ND					NA	NA
Lube Oil Range Organics	ND	ND					NA	NA
Surrogate:								
o-Terphenyl			94	96	50-150			

Date of Report: October 8, 2012
Samples Submitted: October 5, 2012
Laboratory Reference: 1210-046
Project: 62401.1

% MOISTURE

Date Analyzed: 10-5-12

Client ID	Lab ID	% Moisture
AOPC 5-1:6	10-046-01	72
AOPC 5-2:6	10-046-02	45
AOPC 5-3:7	10-046-03	44
AOPC 5-4:6	10-046-04	20
AOPC 5-5:6	10-046-05	20
AOPC 5-6:6	10-046-06	15
AOPC 5-7:6	10-046-07	15
AOPC 5-8:6	10-046-08	67
AOPC 5-9	10-046-09	17
AOPC 5-10	10-046-10	26
AOPC 5-11	10-046-11	24
AOPC 5-12	10-046-12	32
AOPC 5-13	10-046-13	40
AOPC 5-14:8	10-046-14	76
AOPC 5-15:8	10-046-15	69
AOPC 5-16:8	10-046-16	55



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference

Chain of Custody

Company: Environmental Partners

Project Number: 62401.1

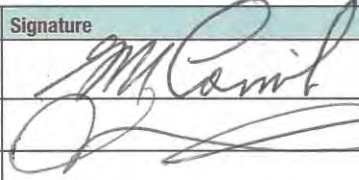
Project Name: Buss LLC

Project Manager: Greg M' Cormick

Sampled by: Greg M' Cormick

Turnaround Request (in working days)	Laboratory Number: 10-046																	
(Check One) ☒ Same Day ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ Standard (7 Days) (TPH analysis 5 Days) ☐ _____ (other)	<table border="1" style="width:100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <td>NWTPH-HCID</td><td>NWTPH-Gx/BTEX</td><td>NWTPH-Gx</td><td>NWTPH-Dx</td><td>Volatiles 8260B</td><td>Halogenated Volatiles 8260B</td><td>Semivolatiles 8270D/SIM (with low-level PAHs)</td><td>PAHs 8270D/SIM (low-level)</td><td>PCBs 8082</td><td>Organochlorine Pesticides 8081A</td><td>Organophosphorus Pesticides 8270D/SIM</td><td>Chlorinated Acid Herbicides 8151A</td><td>Total RCRA Metals</td><td>Total MTCA Metals</td><td>TCLP Metals</td><td>HEM (oil and grease) 1664</td><td>% Moisture</td> </tr> </table>	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture		

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
11	AOPCS-11	10/4/12	10:40	S	1					X												
12	AOPCS-12	10/4/12	11:30	S	1					X												
13	AOPCS-13	10/5/12	1:35	S	1					X												
14	AOPCS-14: 8		11:30	S	1					X												
15	AOPCS-15: 8		12:00	S	1					X												
16	AOPCS-16: 8		12:00	S	1					X												
17	AOPCS-Water	10/5/12	9:30	W	1					X												

Signature	Company	Date	Time	Comments/Special Instructions
	EPI	10/5/12	1:15	Need Results as early on Monday as possible. Email Results to "gregm@epi-wa.com" and "monican@epi-wa.com"
	[unclear]	10/5/12	1315	
Reviewed/Date		Reviewed/Date		Chromatograms with final report ☐



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 27, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401.1
Laboratory Reference No. 1208-213B

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on August 27, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", followed by a long horizontal flourish.

David Baumeister
Project Manager

Enclosures

Date of Report: September 27, 2012
Samples Submitted: August 27, 2012
Laboratory Reference: 1208-213B
Project: 62401.1

Case Narrative

Samples were collected on August 27, 2012 and received by the laboratory on August 27, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH-Dx Analysis

Samples AOPC4-North:8, AOPC4-South:8, AOPC4-East:8, AOPC4-West:8, AOPC4-UST-South:6, AOPC4-UST-East:6, and AOPC4-UST-West:6 were extracted and analyzed out of hold time.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: September 27, 2012
 Samples Submitted: August 27, 2012
 Laboratory Reference: 1208-213B
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC4-North:8					
Laboratory ID:	08-213-01					
Diesel Range Organics	ND	27	NWTPH-Dx	9-26-12	9-26-12	
Lube Oil Range Organics	ND	54	NWTPH-Dx	9-26-12	9-26-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	92	50-150				
Client ID:	AOPC4-South:8					
Laboratory ID:	08-213-02					
Diesel Range Organics	ND	29	NWTPH-Dx	9-26-12	9-26-12	
Lube Oil Range Organics	ND	58	NWTPH-Dx	9-26-12	9-26-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	108	50-150				
Client ID:	AOPC4-East:8					
Laboratory ID:	08-213-03					
Diesel Range Organics	ND	26	NWTPH-Dx	9-26-12	9-26-12	
Lube Oil Range Organics	ND	53	NWTPH-Dx	9-26-12	9-26-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	105	50-150				
Client ID:	AOPC4-West:8					
Laboratory ID:	08-213-04					
Diesel Range Organics	ND	28	NWTPH-Dx	9-26-12	9-26-12	
Lube Oil Range Organics	ND	55	NWTPH-Dx	9-26-12	9-26-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	108	50-150				
Client ID:	AOPC4-UST-South:6					
Laboratory ID:	08-213-06					
Diesel Range Organics	ND	29	NWTPH-Dx	9-26-12	9-26-12	
Lube Oil Range Organics	ND	58	NWTPH-Dx	9-26-12	9-26-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	100	50-150				
Client ID:	AOPC4-UST-East:6					
Laboratory ID:	08-213-07					
Diesel Range Organics	ND	27	NWTPH-Dx	9-26-12	9-26-12	
Lube Oil Range Organics	ND	55	NWTPH-Dx	9-26-12	9-26-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	103	50-150				

Date of Report: September 27, 2012
 Samples Submitted: August 27, 2012
 Laboratory Reference: 1208-213B
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC4-UST-West:6					
Laboratory ID:	08-213-08					
Diesel Range Organics	200	29	NWTPH-Dx	9-26-12	9-26-12	
Lube Oil	180	59	NWTPH-Dx	9-26-12	9-26-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>102</i>	<i>50-150</i>				

Date of Report: September 27, 2012
 Samples Submitted: August 27, 2012
 Laboratory Reference: 1208-213B
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0926S2					
Diesel Range Organics	ND	25	NWTPH-Dx	9-26-12	9-26-12	
Lube Oil Range Organics	ND	50	NWTPH-Dx	9-26-12	9-26-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	107	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-213-01							
	ORIG	DUP						
Diesel Range Organics	ND	ND					NA	NA
Lube Oil Range Organics	ND	ND					NA	NA
Surrogate:								
o-Terphenyl			92	93	50-150			



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference

Chain of Custody

Company: Environmental Partners

Project Number: 62401.1

Project Name: Buss LLC

Project Manager: Greg McCormick

Sampled by: Greg McCormick

Turnaround Request (in working days)		Laboratory Number: 08-213																	
(Check One)		NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semi-volatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	<u>Lead</u>	% Moisture
☒ Same Day ☐ 1 Day																			
☐ 2 Days ☐ 3 Days																			
☐ Standard (7 Days) (TPH analysis 5 Days)																			
☐ _____ (other)																			

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	NWTPH	NWTPH	NWTPH	NWTPH	Volatiles	Halogen	Semivolatile (with low)	PAHs 8	PCBs 8	Organochlorine	Organophosphorus	Chlorine	Total R	Total M	TCLP M	HEM (c)	Lead	% Moisture	
1	AOPC 4 - North: 8	8/27/12	2:30	S	2		X		(X)															X
2	AOPC 4 - ~~North~~ South: 8		2:40	S	2		X		(X)															
3	AOPC 4 - East: 8		2:50	S	2		X		(X)															
4	AOPC 4 - West: 8		3:00	S	2		X		(X)															
5	AOPC 4 - Bottom: 11		3:15	S	2		X		X													X		
6	AOPC 4 - UST - South: 6		11:20	S	2		X		(X)															
7	AOPC 4 - UST - East: 6		11:10	S	2		X		(X)															
8	AOPC 4 - UST - West: 6		11:30	S	2		X		(X)															
9	AOPC 4 - UST - Bottom: 8		11:00	S	2		X		X													X		
10	AOPC 1 - Water		12:30	W	3		X																	

Signature	Company	Date	Time	Comments/Special Instructions
<u>[Signature]</u>	EPI	8/27/12	4:00	<u>(X) Added 9/20/12. DB (STA)</u> <u>Hold Time exceeded.</u>
<u>[Signature]</u>	OBE	8/27/12	1600	
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date	Chromatograms with final report ☐		



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September 6, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401.1
Laboratory Reference No. 1209-027

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on September 5, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal line extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: September 6, 2012
Samples Submitted: September 5, 2012
Laboratory Reference: 1209-027
Project: 62401.1

Case Narrative

Samples were collected on September 5, 2012 and received by the laboratory on September 5, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: September 6, 2012
 Samples Submitted: September 5, 2012
 Laboratory Reference: 1209-027
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Test Pit #13 (water)					
Laboratory ID:	09-027-01					
Diesel Range Organics	ND	0.25	NWTPH-Dx	9-5-12	9-6-12	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	9-5-12	9-6-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	99	50-150				

Date of Report: September 6, 2012
 Samples Submitted: September 5, 2012
 Laboratory Reference: 1209-027
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0905W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	9-5-12	9-6-12	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	9-5-12	9-6-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	80	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	09-008-01							
	ORIG	DUP						
Diesel Range Organics	ND	ND				NA	NA	
Lube Oil Range Organics	ND	ND				NA	NA	
Surrogate:								
<i>o</i> -Terphenyl			81	85	50-150			



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



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Page 1 of 1

09-027

Company:	Environmental Partners, Inc
Project Number:	62401.1
Project Name:	Buss LLC
Project Manager:	Greg McCormick
Sampled by:	Greg McCormick

[illegible]

Signature	Company	Date	Time	Comments/Special Instructions
Relinquished	EPI	9/5/12	4:30	
Received	OSL	10/1/12	1630	
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date	Chromatograms with final report ☐		



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September 5, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401.1
Laboratory Reference No. 1209-012

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on September 4, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: September 5, 2012
Samples Submitted: September 4, 2012
Laboratory Reference: 1209-012
Project: 62401.1

Case Narrative

Samples were collected on September 4, 2012 and received by the laboratory on September 4, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: September 5, 2012
 Samples Submitted: September 4, 2012
 Laboratory Reference: 1209-012
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Test Pit #9 (water)					
Laboratory ID:	09-012-01					
Diesel Range Organics	ND	0.26	NWTPH-Dx	9-4-12	9-4-12	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	9-4-12	9-4-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>83</i>	<i>50-150</i>				

Date of Report: September 5, 2012
 Samples Submitted: September 4, 2012
 Laboratory Reference: 1209-012
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0904W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	9-4-12	9-4-12	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	9-4-12	9-4-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	93	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	SB0904W1							
	ORIG	DUP						
Diesel Fuel #2	1.07	1.06	1NA					
Surrogate:								
o-Terphenyl			98	99	50-150			



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



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Page 1 of 1

09-012

Company:	Environmental Partners
Project Number:	62401.1
Project Name:	Buss LLC
Project Manager:	Greg McCormick
Sampled by:	Greg McCormick

[illegible]



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September 5, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401.1
Laboratory Reference No. 1209-002

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on September 4, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read 'DB', with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: September 5, 2012
Samples Submitted: September 4, 2012
Laboratory Reference: 1209-002
Project: 62401.1

Case Narrative

Samples were collected on September 4, 2012 and received by the laboratory on September 4, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: September 5, 2012
 Samples Submitted: September 4, 2012
 Laboratory Reference: 1209-002
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC2-water					
Laboratory ID:	09-002-01					
Diesel Range Organics	ND	0.26	NWTPH-Dx	9-4-12	9-4-12	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	9-4-12	9-4-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	96	50-150				

Date of Report: September 5, 2012
 Samples Submitted: September 4, 2012
 Laboratory Reference: 1209-002
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0904W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	9-4-12	9-4-12	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	9-4-12	9-4-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	93	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	SB0904W1							
	ORIG	DUP						
Diesel Fuel #2	1.07	1.06	1NA					
Surrogate:								
o-Terphenyl			98	99	50-150			



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



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09-002

Company:	Environmental Partners
Project Number:	62401.1
Project Name:	Buss LLC
Project Manager:	Greg McCormick
Sampled by:	Greg McCormick

[illegible]

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		EPI	9/4/12	10:40	please hold VOA's for possible additional analysis.
Received		Ox	9-4-12	10:40A	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date	Reviewed/Date		Chromatograms with final report ☐		



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August 31, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401.1
Laboratory Reference No. 1208-258

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on August 30, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: August 31, 2012
Samples Submitted: August 30, 2012
Laboratory Reference: 1208-258
Project: 62401.1

Case Narrative

Samples were collected on August 30, 2012 and received by the laboratory on August 30, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: August 31, 2012
 Samples Submitted: August 30, 2012
 Laboratory Reference: 1208-258
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC2-Water					
Laboratory ID:	08-258-01					
Diesel Range Organics	ND	0.29	NWTPH-Dx	8-30-12	8-30-12	
Lube Oil Range Organics	ND	0.46	NWTPH-Dx	8-30-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	96	50-150				

Date of Report: August 31, 2012
 Samples Submitted: August 30, 2012
 Laboratory Reference: 1208-258
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0830W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	8-30-12	8-30-12	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	8-30-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>88</i>	<i>50-150</i>				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-228-01							
	ORIG	DUP						
Diesel Range Organics	ND	ND					NA	NA
Lube Oil Range Organics	ND	ND					NA	NA
Surrogate:								
o-Terphenyl			95	92	50-150			



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



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08-258

Environmental Partners

Project Number: 62401.1

Project Name: BICS LLC

Project Manager: Gwen McCormick

Sampled by: Greta M. McCormick

[illegible]



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August 31, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401.1
Laboratory Reference No. 1208-244

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on August 29, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", followed by a long horizontal flourish.

David Baumeister
Project Manager

Enclosures

Date of Report: August 31, 2012
Samples Submitted: August 29, 2012
Laboratory Reference: 1208-244
Project: 62401.1

Case Narrative

Samples were collected on August 29, 2012 and received by the laboratory on August 29, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx and Volatiles EPA 8260B (soil) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: August 31, 2012
 Samples Submitted: August 29, 2012
 Laboratory Reference: 1208-244
 Project: 62401.1

NWTPH-Gx/BTEX

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: AOPC-1 Water						
Laboratory ID: 08-244-01						
Benzene	1.7	1.0	EPA 8021	8-30-12	8-30-12	
Toluene	ND	1.0	EPA 8021	8-30-12	8-30-12	
Ethyl Benzene	1.3	1.0	EPA 8021	8-30-12	8-30-12	
m,p-Xylene	2.0	1.0	EPA 8021	8-30-12	8-30-12	
o-Xylene	ND	1.0	EPA 8021	8-30-12	8-30-12	
Gasoline	ND	100	NWTPH-Gx	8-30-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	82	71-116				
Client ID: Test Pit #8						
Laboratory ID: 08-244-09						
Gasoline	ND	100	NWTPH-Gx	8-30-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	83	71-116				
Client ID: Test Pit #10						
Laboratory ID: 08-244-10						
Gasoline	ND	100	NWTPH-Gx	8-30-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	81	71-116				

Date of Report: August 31, 2012
 Samples Submitted: August 29, 2012
 Laboratory Reference: 1208-244
 Project: 62401.1

**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0830W1					
Benzene	ND	1.0	EPA 8021	8-30-12	8-30-12	
Toluene	ND	1.0	EPA 8021	8-30-12	8-30-12	
Ethyl Benzene	ND	1.0	EPA 8021	8-30-12	8-30-12	
m,p-Xylene	ND	1.0	EPA 8021	8-30-12	8-30-12	
o-Xylene	ND	1.0	EPA 8021	8-30-12	8-30-12	
Gasoline	ND	100	NWTPH-Gx	8-30-12	8-30-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	82	71-116				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-244-09							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
Toluene	ND	ND	NA	NA	NA	NA	NA	30
Ethyl Benzene	ND	ND	NA	NA	NA	NA	NA	30
m,p-Xylene	ND	ND	NA	NA	NA	NA	NA	30
o-Xylene	ND	ND	NA	NA	NA	NA	NA	30
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
Surrogate:								
Fluorobenzene				83	83	71-116		

MATRIX SPIKES

Laboratory ID:	08-244-09									
	MS	MSD	MS	MSD	MS	MSD				
Benzene	45.1	46.1	50.0	50.0	ND	90	92	81-121	2	11
Toluene	45.4	46.4	50.0	50.0	ND	91	93	83-122	2	13
Ethyl Benzene	45.5	46.2	50.0	50.0	ND	91	92	81-121	2	15
m,p-Xylene	45.8	46.4	50.0	50.0	ND	92	93	80-119	1	16
o-Xylene	45.6	46.2	50.0	50.0	ND	91	92	80-119	1	15
Surrogate:										
Fluorobenzene					92	93	71-116			

Date of Report: August 31, 2012
 Samples Submitted: August 29, 2012
 Laboratory Reference: 1208-244
 Project: 62401.1

NWTPH-Gx

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Test Pit #8					
Laboratory ID:	08-244-02					
Gasoline	ND	24	NWTPH-Gx	8-29-12	8-29-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>101</i>	<i>70-132</i>				
Client ID:	Test Pit #10					
Laboratory ID:	08-244-04					
Gasoline	ND	28	NWTPH-Gx	8-29-12	8-29-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>91</i>	<i>70-132</i>				

Date of Report: August 31, 2012
 Samples Submitted: August 29, 2012
 Laboratory Reference: 1208-244
 Project: 62401.1

**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0829S1					
Gasoline	ND	5.0	NWTPH-Gx	8-29-12	8-29-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	83	70-132				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-241-01							
	ORIG	DUP						
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
Surrogate:								
Fluorobenzene				99	104	70-132		

Date of Report: August 31, 2012
 Samples Submitted: August 29, 2012
 Laboratory Reference: 1208-244
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Test Pit #8					
Laboratory ID:	08-244-02					
Diesel Range Organics	ND	180	NWTPH-Dx	8-29-12	8-29-12	U1
Lube Oil	1000	150	NWTPH-Dx	8-29-12	8-29-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	95	50-150				

Client ID:	Test Pit #9					
Laboratory ID:	08-244-03					
Diesel Range Organics	ND	82	NWTPH-Dx	8-29-12	8-29-12	
Lube Oil Range Organics	ND	160	NWTPH-Dx	8-29-12	8-29-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	82	50-150				

Client ID:	Test Pit #10					
Laboratory ID:	08-244-04					
Diesel Range Organics	ND	93	NWTPH-Dx	8-29-12	8-29-12	
Lube Oil Range Organics	ND	190	NWTPH-Dx	8-29-12	8-29-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	82	50-150				

Client ID:	Test Pit #11					
Laboratory ID:	08-244-05					
Diesel Range Organics	ND	30	NWTPH-Dx	8-29-12	8-29-12	
Lube Oil Range Organics	ND	59	NWTPH-Dx	8-29-12	8-29-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	94	50-150				

Client ID:	Test Pit #12					
Laboratory ID:	08-244-06					
Diesel Range Organics	ND	45	NWTPH-Dx	8-29-12	8-29-12	
Lube Oil Range Organics	ND	90	NWTPH-Dx	8-29-12	8-29-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	93	50-150				

Client ID:	Test Pit #13					
Laboratory ID:	08-244-07					
Diesel Range Organics	ND	320	NWTPH-Dx	8-29-12	8-29-12	U1
Lube Oil	2100	170	NWTPH-Dx	8-29-12	8-29-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	87	50-150				

Date of Report: August 31, 2012
 Samples Submitted: August 29, 2012
 Laboratory Reference: 1208-244
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Test Pit #14					
Laboratory ID:	08-244-08					
Diesel Range Organics	ND	60	NWTPH-Dx	8-29-12	8-29-12	
Lube Oil	150	120	NWTPH-Dx	8-29-12	8-29-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	92	50-150				

Date of Report: August 31, 2012
 Samples Submitted: August 29, 2012
 Laboratory Reference: 1208-244
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0829S2					
Diesel Range Organics	ND	25	NWTPH-Dx	8-29-12	8-29-12	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-29-12	8-29-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	102	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-241-01							
	ORIG	DUP						
Diesel Range Organics	ND	ND					NA	NA
Lube Oil Range Organics	ND	ND					NA	NA
Surrogate:								
o-Terphenyl			93	98	50-150			

Date of Report: August 31, 2012
 Samples Submitted: August 29, 2012
 Laboratory Reference: 1208-244
 Project: 62401.1

NWTPH-Dx
 (with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Test Pit #8					
Laboratory ID:	08-244-09					
Diesel Range Organics	ND	0.26	NWTPH-Dx	8-30-12	8-30-12	
Lube Oil Range Organics	ND	0.41	NWTPH-Dx	8-30-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	90	50-150				

Client ID:	Test Pit #10					
Laboratory ID:	08-244-10					
Diesel Range Organics	ND	1.0	NWTPH-Dx	8-30-12	8-30-12	U1
Lube Oil	6.2	0.45	NWTPH-Dx	8-30-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	98	50-150				

Client ID:	Test Pit #11					
Laboratory ID:	08-244-11					
Diesel Range Organics	ND	0.26	NWTPH-Dx	8-30-12	8-30-12	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	8-30-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	84	50-150				

Client ID:	Test Pit #12					
Laboratory ID:	08-244-12					
Diesel Range Organics	ND	0.27	NWTPH-Dx	8-30-12	8-30-12	
Lube Oil Range Organics	ND	0.44	NWTPH-Dx	8-30-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	91	50-150				

Client ID:	Test Pit #14					
Laboratory ID:	08-244-13					
Diesel Range Organics	ND	0.29	NWTPH-Dx	8-30-12	8-30-12	
Lube Oil	0.60	0.46	NWTPH-Dx	8-30-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	92	50-150				

Date of Report: August 31, 2012
 Samples Submitted: August 29, 2012
 Laboratory Reference: 1208-244
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0830W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	8-30-12	8-30-12	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	8-30-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	88	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-228-01							
	ORIG	DUP						
Diesel Range Organics	ND	ND					NA	NA
Lube Oil Range Organics	ND	ND					NA	NA
Surrogate:								
o-Terphenyl			95	92	50-150			

Date of Report: August 31, 2012
 Samples Submitted: August 29, 2012
 Laboratory Reference: 1208-244
 Project: 62401.1

VOLATILES by EPA 8260B
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Test Pit #8					
Laboratory ID:	08-244-02					
Dichlorodifluoromethane	ND	0.0025	EPA 8260	8-29-12	8-29-12	
Chloromethane	ND	0.013	EPA 8260	8-29-12	8-29-12	
Vinyl Chloride	ND	0.0025	EPA 8260	8-29-12	8-29-12	
Bromomethane	ND	0.0025	EPA 8260	8-29-12	8-29-12	
Chloroethane	ND	0.013	EPA 8260	8-29-12	8-29-12	
Trichlorofluoromethane	ND	0.0025	EPA 8260	8-29-12	8-29-12	
1,1-Dichloroethene	ND	0.0025	EPA 8260	8-29-12	8-29-12	
Acetone	1.8	1.2	EPA 8260	8-29-12	8-30-12	
Iodomethane	ND	0.013	EPA 8260	8-29-12	8-29-12	
Carbon Disulfide	0.0091	0.0025	EPA 8260	8-29-12	8-29-12	
Methylene Chloride	ND	0.013	EPA 8260	8-29-12	8-29-12	
(trans) 1,2-Dichloroethene	ND	0.0025	EPA 8260	8-29-12	8-29-12	
Methyl t-Butyl Ether	ND	0.0025	EPA 8260	8-29-12	8-29-12	
1,1-Dichloroethane	ND	0.0025	EPA 8260	8-29-12	8-29-12	
Vinyl Acetate	ND	0.013	EPA 8260	8-29-12	8-29-12	
2,2-Dichloropropane	ND	0.0025	EPA 8260	8-29-12	8-29-12	
(cis) 1,2-Dichloroethene	ND	0.0025	EPA 8260	8-29-12	8-29-12	
2-Butanone	0.36	0.013	EPA 8260	8-29-12	8-29-12	
Bromochloromethane	ND	0.0025	EPA 8260	8-29-12	8-29-12	
Chloroform	ND	0.0025	EPA 8260	8-29-12	8-29-12	
1,1,1-Trichloroethane	ND	0.0025	EPA 8260	8-29-12	8-29-12	
Carbon Tetrachloride	ND	0.0025	EPA 8260	8-29-12	8-29-12	
1,1-Dichloropropene	ND	0.0025	EPA 8260	8-29-12	8-29-12	
Benzene	ND	0.0025	EPA 8260	8-29-12	8-29-12	
1,2-Dichloroethane	ND	0.0025	EPA 8260	8-29-12	8-29-12	
Trichloroethene	ND	0.0025	EPA 8260	8-29-12	8-29-12	
1,2-Dichloropropane	ND	0.0025	EPA 8260	8-29-12	8-29-12	
Dibromomethane	ND	0.0025	EPA 8260	8-29-12	8-29-12	
Bromodichloromethane	ND	0.0025	EPA 8260	8-29-12	8-29-12	
2-Chloroethyl Vinyl Ether	ND	0.013	EPA 8260	8-29-12	8-29-12	
(cis) 1,3-Dichloropropene	ND	0.0025	EPA 8260	8-29-12	8-29-12	
Methyl Isobutyl Ketone	ND	0.013	EPA 8260	8-29-12	8-29-12	
Toluene	ND	0.013	EPA 8260	8-29-12	8-29-12	
(trans) 1,3-Dichloropropene	ND	0.0020	EPA 8260	8-30-12	8-30-12	

Date of Report: August 31, 2012
 Samples Submitted: August 29, 2012
 Laboratory Reference: 1208-244
 Project: 62401.1

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Test Pit #8					
Laboratory ID:	08-244-02					
1,1,2-Trichloroethane	ND	0.0020	EPA 8260	8-30-12	8-30-12	
Tetrachloroethene	ND	0.0020	EPA 8260	8-30-12	8-30-12	
1,3-Dichloropropane	ND	0.0020	EPA 8260	8-30-12	8-30-12	
2-Hexanone	ND	0.0098	EPA 8260	8-30-12	8-30-12	
Dibromochloromethane	ND	0.0020	EPA 8260	8-30-12	8-30-12	
1,2-Dibromoethane	ND	0.0020	EPA 8260	8-30-12	8-30-12	
Chlorobenzene	ND	0.0020	EPA 8260	8-30-12	8-30-12	
1,1,1,2-Tetrachloroethane	ND	0.0020	EPA 8260	8-30-12	8-30-12	
Ethylbenzene	ND	0.0020	EPA 8260	8-30-12	8-30-12	
m,p-Xylene	ND	0.0039	EPA 8260	8-30-12	8-30-12	
o-Xylene	ND	0.0020	EPA 8260	8-30-12	8-30-12	
Styrene	ND	0.0020	EPA 8260	8-30-12	8-30-12	
Bromoform	ND	0.0020	EPA 8260	8-30-12	8-30-12	
Isopropylbenzene	ND	0.0020	EPA 8260	8-30-12	8-30-12	
Bromobenzene	ND	0.24	EPA 8260	8-29-12	8-30-12	
1,1,2,2-Tetrachloroethane	ND	0.24	EPA 8260	8-29-12	8-30-12	
1,2,3-Trichloropropane	ND	0.24	EPA 8260	8-29-12	8-30-12	
n-Propylbenzene	ND	0.24	EPA 8260	8-29-12	8-30-12	
2-Chlorotoluene	ND	0.24	EPA 8260	8-29-12	8-30-12	
4-Chlorotoluene	ND	0.24	EPA 8260	8-29-12	8-30-12	
1,3,5-Trimethylbenzene	ND	0.24	EPA 8260	8-29-12	8-30-12	
tert-Butylbenzene	ND	0.24	EPA 8260	8-29-12	8-30-12	
1,2,4-Trimethylbenzene	ND	0.24	EPA 8260	8-29-12	8-30-12	
sec-Butylbenzene	ND	0.24	EPA 8260	8-29-12	8-30-12	
1,3-Dichlorobenzene	ND	0.24	EPA 8260	8-29-12	8-30-12	
p-Isopropyltoluene	ND	0.24	EPA 8260	8-29-12	8-30-12	
1,4-Dichlorobenzene	ND	0.24	EPA 8260	8-29-12	8-30-12	
1,2-Dichlorobenzene	ND	0.24	EPA 8260	8-29-12	8-30-12	
n-Butylbenzene	ND	0.24	EPA 8260	8-29-12	8-30-12	
1,2-Dibromo-3-chloropropane	ND	1.2	EPA 8260	8-29-12	8-30-12	
1,2,4-Trichlorobenzene	ND	0.24	EPA 8260	8-29-12	8-30-12	
Hexachlorobutadiene	ND	1.2	EPA 8260	8-29-12	8-30-12	
Naphthalene	ND	0.24	EPA 8260	8-29-12	8-30-12	
1,2,3-Trichlorobenzene	ND	0.24	EPA 8260	8-29-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>98</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>89</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>77</i>	<i>52-125</i>				

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Test Pit #10					
Laboratory ID:	08-244-04					
Dichlorodifluoromethane	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Chloromethane	ND	0.015	EPA 8260	8-29-12	8-29-12	
Vinyl Chloride	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Bromomethane	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Chloroethane	ND	0.015	EPA 8260	8-29-12	8-29-12	
Trichlorofluoromethane	ND	0.0029	EPA 8260	8-29-12	8-29-12	
1,1-Dichloroethene	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Acetone	3.0	1.4	EPA 8260	8-29-12	8-30-12	
Iodomethane	ND	0.015	EPA 8260	8-29-12	8-29-12	
Carbon Disulfide	0.0033	0.0029	EPA 8260	8-29-12	8-29-12	
Methylene Chloride	ND	0.015	EPA 8260	8-29-12	8-29-12	
(trans) 1,2-Dichloroethene	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Methyl t-Butyl Ether	ND	0.0029	EPA 8260	8-29-12	8-29-12	
1,1-Dichloroethane	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Vinyl Acetate	ND	0.015	EPA 8260	8-29-12	8-29-12	
2,2-Dichloropropane	ND	0.0029	EPA 8260	8-29-12	8-29-12	
(cis) 1,2-Dichloroethene	ND	0.0029	EPA 8260	8-29-12	8-29-12	
2-Butanone	0.29	0.015	EPA 8260	8-29-12	8-29-12	
Bromochloromethane	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Chloroform	ND	0.0029	EPA 8260	8-29-12	8-29-12	
1,1,1-Trichloroethane	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Carbon Tetrachloride	ND	0.0029	EPA 8260	8-29-12	8-29-12	
1,1-Dichloropropene	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Benzene	ND	0.0029	EPA 8260	8-29-12	8-29-12	
1,2-Dichloroethane	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Trichloroethene	ND	0.0029	EPA 8260	8-29-12	8-29-12	
1,2-Dichloropropane	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Dibromomethane	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Bromodichloromethane	ND	0.0029	EPA 8260	8-29-12	8-29-12	
2-Chloroethyl Vinyl Ether	ND	0.015	EPA 8260	8-29-12	8-29-12	
(cis) 1,3-Dichloropropene	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Methyl Isobutyl Ketone	ND	0.015	EPA 8260	8-29-12	8-29-12	
Toluene	ND	0.015	EPA 8260	8-29-12	8-29-12	
(trans) 1,3-Dichloropropene	ND	0.0029	EPA 8260	8-29-12	8-29-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Test Pit #10					
Laboratory ID:	08-244-04					
1,1,2-Trichloroethane	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Tetrachloroethene	ND	0.0029	EPA 8260	8-29-12	8-29-12	
1,3-Dichloropropane	ND	0.0029	EPA 8260	8-29-12	8-29-12	
2-Hexanone	ND	0.015	EPA 8260	8-29-12	8-29-12	
Dibromochloromethane	ND	0.0029	EPA 8260	8-29-12	8-29-12	
1,2-Dibromoethane	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Chlorobenzene	ND	0.0029	EPA 8260	8-29-12	8-29-12	
1,1,1,2-Tetrachloroethane	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Ethylbenzene	ND	0.0029	EPA 8260	8-29-12	8-29-12	
m,p-Xylene	ND	0.0059	EPA 8260	8-29-12	8-29-12	
o-Xylene	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Styrene	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Bromoform	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Isopropylbenzene	ND	0.0029	EPA 8260	8-29-12	8-29-12	
Bromobenzene	ND	0.28	EPA 8260	8-29-12	8-30-12	
1,1,2,2-Tetrachloroethane	ND	0.28	EPA 8260	8-29-12	8-30-12	
1,2,3-Trichloropropane	ND	0.28	EPA 8260	8-29-12	8-30-12	
n-Propylbenzene	ND	0.28	EPA 8260	8-29-12	8-30-12	
2-Chlorotoluene	ND	0.28	EPA 8260	8-29-12	8-30-12	
4-Chlorotoluene	ND	0.28	EPA 8260	8-29-12	8-30-12	
1,3,5-Trimethylbenzene	ND	0.28	EPA 8260	8-29-12	8-30-12	
tert-Butylbenzene	ND	0.28	EPA 8260	8-29-12	8-30-12	
1,2,4-Trimethylbenzene	ND	0.28	EPA 8260	8-29-12	8-30-12	
sec-Butylbenzene	ND	0.28	EPA 8260	8-29-12	8-30-12	
1,3-Dichlorobenzene	ND	0.28	EPA 8260	8-29-12	8-30-12	
p-Isopropyltoluene	ND	0.28	EPA 8260	8-29-12	8-30-12	
1,4-Dichlorobenzene	ND	0.28	EPA 8260	8-29-12	8-30-12	
1,2-Dichlorobenzene	ND	0.28	EPA 8260	8-29-12	8-30-12	
n-Butylbenzene	ND	0.28	EPA 8260	8-29-12	8-30-12	
1,2-Dibromo-3-chloropropane	ND	1.4	EPA 8260	8-29-12	8-30-12	
1,2,4-Trichlorobenzene	ND	0.28	EPA 8260	8-29-12	8-30-12	
Hexachlorobutadiene	ND	1.4	EPA 8260	8-29-12	8-30-12	
Naphthalene	ND	0.28	EPA 8260	8-29-12	8-30-12	
1,2,3-Trichlorobenzene	ND	0.28	EPA 8260	8-29-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>88</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>82</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>71</i>	<i>52-125</i>				

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 Samples Submitted: August 29, 2012
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 Project: 62401.1

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0829S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Chloromethane	ND	0.0050	EPA 8260	8-29-12	8-29-12	
Vinyl Chloride	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Bromomethane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Chloroethane	ND	0.0050	EPA 8260	8-29-12	8-29-12	
Trichlorofluoromethane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,1-Dichloroethene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Acetone	ND	0.0050	EPA 8260	8-29-12	8-29-12	
Iodomethane	ND	0.0050	EPA 8260	8-29-12	8-29-12	
Carbon Disulfide	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Methylene Chloride	ND	0.0050	EPA 8260	8-29-12	8-29-12	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,1-Dichloroethane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Vinyl Acetate	ND	0.0050	EPA 8260	8-29-12	8-29-12	
2,2-Dichloropropane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
2-Butanone	ND	0.0050	EPA 8260	8-29-12	8-29-12	
Bromochloromethane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Chloroform	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Carbon Tetrachloride	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,1-Dichloropropene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Benzene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,2-Dichloroethane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Trichloroethene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,2-Dichloropropane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Dibromomethane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Bromodichloromethane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	8-29-12	8-29-12	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	8-29-12	8-29-12	
Toluene	ND	0.0050	EPA 8260	8-29-12	8-29-12	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-29-12	8-29-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0829S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Tetrachloroethene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,3-Dichloropropane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
2-Hexanone	ND	0.0050	EPA 8260	8-29-12	8-29-12	
Dibromochloromethane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,2-Dibromoethane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Chlorobenzene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Ethylbenzene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
m,p-Xylene	ND	0.0020	EPA 8260	8-29-12	8-29-12	
o-Xylene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Styrene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Bromoform	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Isopropylbenzene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Bromobenzene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	8-29-12	8-29-12	
n-Propylbenzene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
2-Chlorotoluene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
4-Chlorotoluene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
tert-Butylbenzene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
sec-Butylbenzene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
p-Isopropyltoluene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
n-Butylbenzene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	8-29-12	8-29-12	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
Hexachlorobutadiene	ND	0.0050	EPA 8260	8-29-12	8-29-12	
Naphthalene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	8-29-12	8-29-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>97</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>100</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>104</i>	<i>52-125</i>				

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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0830S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Chloromethane	ND	0.0050	EPA 8260	8-30-12	8-30-12	
Vinyl Chloride	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Bromomethane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Chloroethane	ND	0.0050	EPA 8260	8-30-12	8-30-12	
Trichlorofluoromethane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,1-Dichloroethene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Acetone	ND	0.0050	EPA 8260	8-30-12	8-30-12	
Iodomethane	ND	0.0050	EPA 8260	8-30-12	8-30-12	
Carbon Disulfide	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Methylene Chloride	ND	0.0050	EPA 8260	8-30-12	8-30-12	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,1-Dichloroethane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Vinyl Acetate	ND	0.0050	EPA 8260	8-30-12	8-30-12	
2,2-Dichloropropane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
2-Butanone	ND	0.0050	EPA 8260	8-30-12	8-30-12	
Bromochloromethane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Chloroform	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Carbon Tetrachloride	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,1-Dichloropropene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Benzene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,2-Dichloroethane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Trichloroethene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,2-Dichloropropane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Dibromomethane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Bromodichloromethane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	8-30-12	8-30-12	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	8-30-12	8-30-12	
Toluene	ND	0.0050	EPA 8260	8-30-12	8-30-12	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-30-12	8-30-12	

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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID: MB0830S1						
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Tetrachloroethene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,3-Dichloropropane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
2-Hexanone	ND	0.0050	EPA 8260	8-30-12	8-30-12	
Dibromochloromethane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,2-Dibromoethane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Chlorobenzene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Ethylbenzene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
m,p-Xylene	ND	0.0020	EPA 8260	8-30-12	8-30-12	
o-Xylene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Styrene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Bromoform	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Isopropylbenzene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Bromobenzene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	8-30-12	8-30-12	
n-Propylbenzene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
2-Chlorotoluene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
4-Chlorotoluene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
tert-Butylbenzene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
sec-Butylbenzene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
p-Isopropyltoluene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
n-Butylbenzene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	8-30-12	8-30-12	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
Hexachlorobutadiene	ND	0.0050	EPA 8260	8-30-12	8-30-12	
Naphthalene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	8-30-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>96</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>101</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>106</i>	<i>52-125</i>				

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VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Soil
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD		
					Recovery	Limits	RPD	Limit	Flags	
SPIKE BLANKS										
Laboratory ID:		SB0829S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0408	0.0407	0.0500	0.0500	82	81	65-141	0	15	
Benzene	0.0474	0.0480	0.0500	0.0500	95	96	69-121	1	15	
Trichloroethene	0.0443	0.0433	0.0500	0.0500	89	87	75-120	2	15	
Toluene	0.0468	0.0466	0.0500	0.0500	94	93	75-120	0	15	
Chlorobenzene	0.0533	0.0518	0.0500	0.0500	107	104	75-120	3	15	
Surrogate:										
Dibromofluoromethane					88	90	63-127			
Toluene-d8					91	94	65-129			
4-Bromofluorobenzene					97	99	52-125			

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 Project: 62401.1

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Soil
 Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery	RPD	RPD	Flags
					Recovery	Limits	Limit			
SPIKE BLANKS										
Laboratory ID:	SB0830S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0390	0.0385	0.0500	0.0500	78	77	65-141	1	15	
Benzene	0.0428	0.0425	0.0500	0.0500	86	85	69-121	1	15	
Trichloroethene	0.0437	0.0429	0.0500	0.0500	87	86	75-120	2	15	
Toluene	0.0457	0.0443	0.0500	0.0500	91	89	75-120	3	15	
Chlorobenzene	0.0517	0.0510	0.0500	0.0500	103	102	75-120	1	15	
Surrogate:										
Dibromofluoromethane					87	86	63-127			
Toluene-d8					93	90	65-129			
4-Bromofluorobenzene					99	97	52-125			

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VOLATILES by EPA 8260B
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Test Pit #8					
Laboratory ID:	08-244-09					
Dichlorodifluoromethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Chloromethane	ND	5.0	EPA 8260	8-30-12	8-30-12	
Vinyl Chloride	ND	1.0	EPA 8260	8-30-12	8-30-12	
Bromomethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Chloroethane	ND	5.0	EPA 8260	8-30-12	8-30-12	
Trichlorofluoromethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,1-Dichloroethene	ND	1.0	EPA 8260	8-30-12	8-30-12	
Acetone	150	25	EPA 8260	8-30-12	8-30-12	
Iodomethane	ND	5.0	EPA 8260	8-30-12	8-30-12	
Carbon Disulfide	ND	1.0	EPA 8260	8-30-12	8-30-12	
Methylene Chloride	ND	5.0	EPA 8260	8-30-12	8-30-12	
(trans) 1,2-Dichloroethene	ND	1.0	EPA 8260	8-30-12	8-30-12	
Methyl t-Butyl Ether	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,1-Dichloroethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Vinyl Acetate	ND	10	EPA 8260	8-30-12	8-30-12	
2,2-Dichloropropane	ND	1.0	EPA 8260	8-30-12	8-30-12	
(cis) 1,2-Dichloroethene	ND	1.0	EPA 8260	8-30-12	8-30-12	
2-Butanone	ND	25	EPA 8260	8-30-12	8-30-12	
Bromochloromethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Chloroform	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,1,1-Trichloroethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Carbon Tetrachloride	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,1-Dichloropropene	ND	1.0	EPA 8260	8-30-12	8-30-12	
Benzene	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,2-Dichloroethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Trichloroethene	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,2-Dichloropropane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Dibromomethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Bromodichloromethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
2-Chloroethyl Vinyl Ether	ND	5.0	EPA 8260	8-30-12	8-30-12	
(cis) 1,3-Dichloropropene	ND	1.0	EPA 8260	8-30-12	8-30-12	
Methyl Isobutyl Ketone	ND	10	EPA 8260	8-30-12	8-30-12	
Toluene	ND	5.0	EPA 8260	8-30-12	8-30-12	
(trans) 1,3-Dichloropropene	ND	1.0	EPA 8260	8-30-12	8-30-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Test Pit #8					
Laboratory ID:	08-244-09					
1,1,2-Trichloroethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Tetrachloroethene	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,3-Dichloropropane	ND	1.0	EPA 8260	8-30-12	8-30-12	
2-Hexanone	ND	10	EPA 8260	8-30-12	8-30-12	
Dibromochloromethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,2-Dibromoethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Chlorobenzene	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,1,1,2-Tetrachloroethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Ethylbenzene	ND	1.0	EPA 8260	8-30-12	8-30-12	
m,p-Xylene	ND	2.0	EPA 8260	8-30-12	8-30-12	
o-Xylene	ND	1.0	EPA 8260	8-30-12	8-30-12	
Styrene	ND	1.0	EPA 8260	8-30-12	8-30-12	
Bromoform	ND	5.0	EPA 8260	8-30-12	8-30-12	
Isopropylbenzene	ND	1.0	EPA 8260	8-30-12	8-30-12	
Bromobenzene	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,1,2,2-Tetrachloroethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,2,3-Trichloropropane	ND	1.0	EPA 8260	8-30-12	8-30-12	
n-Propylbenzene	ND	1.0	EPA 8260	8-30-12	8-30-12	
2-Chlorotoluene	ND	1.0	EPA 8260	8-30-12	8-30-12	
4-Chlorotoluene	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,3,5-Trimethylbenzene	ND	1.0	EPA 8260	8-30-12	8-30-12	
tert-Butylbenzene	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,2,4-Trimethylbenzene	ND	1.0	EPA 8260	8-30-12	8-30-12	
sec-Butylbenzene	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,3-Dichlorobenzene	ND	1.0	EPA 8260	8-30-12	8-30-12	
p-Isopropyltoluene	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,4-Dichlorobenzene	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,2-Dichlorobenzene	ND	1.0	EPA 8260	8-30-12	8-30-12	
n-Butylbenzene	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,2-Dibromo-3-chloropropane	ND	5.0	EPA 8260	8-30-12	8-30-12	
1,2,4-Trichlorobenzene	ND	1.0	EPA 8260	8-30-12	8-30-12	
Hexachlorobutadiene	ND	1.0	EPA 8260	8-30-12	8-30-12	
Naphthalene	ND	5.0	EPA 8260	8-30-12	8-30-12	
1,2,3-Trichlorobenzene	ND	1.0	EPA 8260	8-30-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>82</i>	<i>66-120</i>				
<i>Toluene-d8</i>	<i>85</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>85</i>	<i>63-120</i>				

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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Test Pit #10					
Laboratory ID:	08-244-10					
Dichlorodifluoromethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Chloromethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Vinyl Chloride	ND	0.20	EPA 8260	8-30-12	8-30-12	
Bromomethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Chloroethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Acetone	ND	5.0	EPA 8260	8-30-12	8-30-12	
Iodomethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Carbon Disulfide	ND	0.20	EPA 8260	8-30-12	8-30-12	
Methylene Chloride	ND	1.0	EPA 8260	8-30-12	8-30-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Vinyl Acetate	ND	2.0	EPA 8260	8-30-12	8-30-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	8-30-12	8-30-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	8-30-12	8-30-12	
2-Butanone	ND	5.0	EPA 8260	8-30-12	8-30-12	
Bromochloromethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Chloroform	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Benzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Trichloroethene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Dibromomethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Bromodichloromethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	8-30-12	8-30-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	8-30-12	8-30-12	
Toluene	ND	1.0	EPA 8260	8-30-12	8-30-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	8-30-12	8-30-12	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Test Pit #10					
Laboratory ID:	08-244-10					
1,1,2-Trichloroethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Tetrachloroethene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	8-30-12	8-30-12	
2-Hexanone	ND	2.0	EPA 8260	8-30-12	8-30-12	
Dibromochloromethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Chlorobenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Ethylbenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
m,p-Xylene	ND	0.40	EPA 8260	8-30-12	8-30-12	
o-Xylene	0.23	0.20	EPA 8260	8-30-12	8-30-12	
Styrene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Bromoform	ND	1.0	EPA 8260	8-30-12	8-30-12	
Isopropylbenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Bromobenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	8-30-12	8-30-12	
n-Propylbenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
2-Chlorotoluene	0.36	0.20	EPA 8260	8-30-12	8-30-12	
4-Chlorotoluene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
tert-Butylbenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
sec-Butylbenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
p-Isopropyltoluene	0.20	0.20	EPA 8260	8-30-12	8-30-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
n-Butylbenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Naphthalene	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>82</i>	<i>66-120</i>				
<i>Toluene-d8</i>	<i>83</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>83</i>	<i>63-120</i>				

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 Project: 62401.1

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0830W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Chloromethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Vinyl Chloride	ND	0.20	EPA 8260	8-30-12	8-30-12	
Bromomethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Chloroethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Acetone	ND	5.0	EPA 8260	8-30-12	8-30-12	
Iodomethane	ND	1.0	EPA 8260	8-30-12	8-30-12	
Carbon Disulfide	ND	0.20	EPA 8260	8-30-12	8-30-12	
Methylene Chloride	ND	1.0	EPA 8260	8-30-12	8-30-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Vinyl Acetate	ND	2.0	EPA 8260	8-30-12	8-30-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	8-30-12	8-30-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	8-30-12	8-30-12	
2-Butanone	ND	5.0	EPA 8260	8-30-12	8-30-12	
Bromochloromethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Chloroform	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Benzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Trichloroethene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Dibromomethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Bromodichloromethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	8-30-12	8-30-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	8-30-12	8-30-12	
Toluene	ND	1.0	EPA 8260	8-30-12	8-30-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	8-30-12	8-30-12	

Date of Report: August 31, 2012
 Samples Submitted: August 29, 2012
 Laboratory Reference: 1208-244
 Project: 62401.1

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
 page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID: MB0830W1						
1,1,2-Trichloroethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Tetrachloroethene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	8-30-12	8-30-12	
2-Hexanone	ND	2.0	EPA 8260	8-30-12	8-30-12	
Dibromochloromethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Chlorobenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
Ethylbenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
m,p-Xylene	ND	0.40	EPA 8260	8-30-12	8-30-12	
o-Xylene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Styrene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Bromoform	ND	1.0	EPA 8260	8-30-12	8-30-12	
Isopropylbenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Bromobenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	8-30-12	8-30-12	
n-Propylbenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
2-Chlorotoluene	ND	0.20	EPA 8260	8-30-12	8-30-12	
4-Chlorotoluene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
tert-Butylbenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
sec-Butylbenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
p-Isopropyltoluene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
n-Butylbenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	8-30-12	8-30-12	
Naphthalene	ND	1.0	EPA 8260	8-30-12	8-30-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	8-30-12	8-30-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>77</i>	<i>66-120</i>				
<i>Toluene-d8</i>	<i>87</i>	<i>70-120</i>				
<i>4-Bromofluorobenzene</i>	<i>84</i>	<i>63-120</i>				

Date of Report: August 31, 2012
 Samples Submitted: August 29, 2012
 Laboratory Reference: 1208-244
 Project: 62401.1

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Water

Units: ug/L

Analyte	Result		Spike Level		Percent		Recovery		RPD	
					Recovery		Limits		RPD	Limit
SPIKE BLANKS										
Laboratory ID:	SB0830W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	8.15	8.22	10.0	10.0	82	82	65-141	1	15	
Benzene	9.22	9.65	10.0	10.0	92	97	77-120	5	15	
Trichloroethene	9.19	9.13	10.0	10.0	92	91	80-120	1	15	
Toluene	9.54	9.60	10.0	10.0	95	96	80-120	1	15	
Chlorobenzene	10.2	10.2	10.0	10.0	102	102	80-120	0	15	
Surrogate:										
Dibromofluoromethane					69	79	66-120			
Toluene-d8					84	86	70-120			
4-Bromofluorobenzene					84	83	63-120			

Date of Report: August 31, 2012
Samples Submitted: August 29, 2012
Laboratory Reference: 1208-244
Project: 62401.1

% MOISTURE

Date Analyzed: 8-29-12

Client ID	Lab ID	% Moisture
Test Pit #8	08-244-02	67
Test Pit #9	08-244-03	70
Test Pit #10	08-244-04	73
Test Pit #11	08-244-05	16
Test Pit #12	08-244-06	44
Test Pit #13	08-244-07	71
Test Pit #14	08-244-08	58



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference

Chain of Custody

Company:	Environmental Partners
Project Number:	62401.1
Project Name:	Buss LLC
Project Manager:	Greg McCormick
Sampled by:	Greg McCormick

Turnaround Request (in working days)				Laboratory Number: 08-244															
(Check One)																			
☒ Same Day ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ Standard (7 Days) (TPH analysis 5 Days) ☐ _____ (other)																			

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	NWTPH	NWTPH	NWTPH	NWTPH	Volatiles	Halogenes	Semivolatiles (with low)	PAHs 8:	PCBs 8:	Organoc	Organop	Chlorina	Total RC	Total M	TCLP M	HEM (o						% Mois
1	AOPC-1 Water	8/29	8:30	W	3		X																				
2	Test Pit #8		1:00	S	4			X	X	X																	X
3	Test Pit #9		1:10	S	1				X																		
4	Test Pit #10		1:20	S	4			X	X	X																	
5	Test Pit #11		1:45	S	1				X																		
6	Test Pit #12		1:55	S	1				X																		
7	Test Pit #13		2:15	S	1				X																		
8	Test Pit #14		2:30	S	1				X																		
9	Test Pit #8		9:45	W	4			X	X	X																	
10	Test Pit #9/10		10:15	W	4			X	X	X																	

Signature	Company	Date	Time	Comments/Special Instructions
	EPI	8/29/12	3:45	
	OBE	8/29/12	1545	
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date	Chromatograms with final report ☐		



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Page 2 of 2

08-244

Company:	Environmental Partners
Project Number:	62401.1
Project Name:	Buss LLC
Project Manager:	Greg McCormick
Sampled by:	Greg McCormick

[illegible]



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August 28, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401.1
Laboratory Reference No. 1208-213

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on August 27, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal line extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: August 28, 2012
Samples Submitted: August 27, 2012
Laboratory Reference: 1208-213
Project: 62401.1

Case Narrative

Samples were collected on August 27, 2012 and received by the laboratory on August 27, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx/BTEX (soil) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: August 28, 2012
 Samples Submitted: August 27, 2012
 Laboratory Reference: 1208-213
 Project: 62401.1

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: AOPC4-North:8						
Laboratory ID:	08-213-01					
Benzene	ND	0.020	EPA 8021	8-27-12	8-27-12	
Toluene	ND	0.056	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	ND	0.056	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	ND	0.056	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	0.056	EPA 8021	8-27-12	8-27-12	
Gasoline	ND	5.6	NWTPH-Gx	8-27-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	88	70-132				
Client ID: AOPC4-South:8						
Laboratory ID:	08-213-02					
Benzene	ND	0.020	EPA 8021	8-27-12	8-27-12	
Toluene	ND	0.056	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	ND	0.056	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	ND	0.056	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	0.056	EPA 8021	8-27-12	8-27-12	
Gasoline	ND	5.6	NWTPH-Gx	8-27-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	91	70-132				
Client ID: AOPC4-East:8						
Laboratory ID:	08-213-03					
Benzene	ND	0.020	EPA 8021	8-27-12	8-27-12	
Toluene	ND	0.044	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	ND	0.044	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	ND	0.044	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	0.044	EPA 8021	8-27-12	8-27-12	
Gasoline	ND	4.4	NWTPH-Gx	8-27-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	86	70-132				

Date of Report: August 28, 2012
 Samples Submitted: August 27, 2012
 Laboratory Reference: 1208-213
 Project: 62401.1

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: AOPC4-West:8						
Laboratory ID: 08-213-04						
Benzene	ND	0.020	EPA 8021	8-27-12	8-27-12	
Toluene	ND	0.047	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	ND	0.047	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	ND	0.047	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	0.047	EPA 8021	8-27-12	8-27-12	
Gasoline	ND	4.7	NWTPH-Gx	8-27-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	91	70-132				
Client ID: AOPC4-Bottom:11						
Laboratory ID: 08-213-05						
Benzene	ND	0.020	EPA 8021	8-27-12	8-27-12	
Toluene	ND	0.045	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	ND	0.045	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	ND	0.045	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	0.045	EPA 8021	8-27-12	8-27-12	
Gasoline	ND	4.5	NWTPH-Gx	8-27-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	91	70-132				
Client ID: AOPC4-UST-South:6						
Laboratory ID: 08-213-06						
Benzene	ND	0.020	EPA 8021	8-27-12	8-27-12	
Toluene	ND	0.053	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	ND	0.053	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	ND	0.053	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	0.053	EPA 8021	8-27-12	8-27-12	
Gasoline	ND	5.3	NWTPH-Gx	8-27-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	89	70-132				

Date of Report: August 28, 2012
 Samples Submitted: August 27, 2012
 Laboratory Reference: 1208-213
 Project: 62401.1

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC4-UST-East:6					
Laboratory ID:	08-213-07					
Benzene	ND	0.020	EPA 8021	8-27-12	8-27-12	
Toluene	ND	0.047	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	ND	0.047	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	ND	0.047	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	0.047	EPA 8021	8-27-12	8-27-12	
Gasoline	ND	4.7	NWTPH-Gx	8-27-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	84	70-132				
Client ID:	AOPC4-UST-West:6					
Laboratory ID:	08-213-08					
Benzene	ND	0.020	EPA 8021	8-27-12	8-27-12	
Toluene	ND	0.057	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	ND	0.057	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	ND	0.057	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	0.057	EPA 8021	8-27-12	8-27-12	
Gasoline	ND	5.7	NWTPH-Gx	8-27-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	92	70-132				
Client ID:	AOPC4-UST-Bottom:8					
Laboratory ID:	08-213-09					
Benzene	ND	0.020	EPA 8021	8-27-12	8-27-12	
Toluene	ND	0.051	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	ND	0.051	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	ND	0.051	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	0.051	EPA 8021	8-27-12	8-27-12	
Gasoline	ND	5.1	NWTPH-Gx	8-27-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	92	70-132				

Date of Report: August 28, 2012
 Samples Submitted: August 27, 2012
 Laboratory Reference: 1208-213
 Project: 62401.1

**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0827S2					
Benzene	ND	0.020	EPA 8021	8-27-12	8-27-12	
Toluene	ND	0.050	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	ND	0.050	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	ND	0.050	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	0.050	EPA 8021	8-27-12	8-27-12	
Gasoline	ND	5.0	NWTPH-Gx	8-27-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	90	70-132				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-213-01							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	30	
Toluene	ND	ND	NA	NA	NA	NA	30	
Ethyl Benzene	ND	ND	NA	NA	NA	NA	30	
m,p-Xylene	ND	ND	NA	NA	NA	NA	30	
o-Xylene	ND	ND	NA	NA	NA	NA	30	
Gasoline	ND	ND	NA	NA	NA	NA	30	
Surrogate:								
Fluorobenzene				88	89	70-132		

SPIKE BLANKS

Laboratory ID:	SB0827S1									
	SB	SBD	SB	SBD	SB	SBD				
Benzene	0.860	0.878	1.00	1.00	86	88	71-125	2	11	
Toluene	0.876	0.886	1.00	1.00	88	89	77-125	1	11	
Ethyl Benzene	0.872	0.874	1.00	1.00	87	87	76-125	0	10	
m,p-Xylene	0.891	0.881	1.00	1.00	89	88	78-124	1	9	
o-Xylene	0.882	0.866	1.00	1.00	88	87	77-123	2	9	
Surrogate:										
Fluorobenzene					89	90	70-132			

Date of Report: August 28, 2012
 Samples Submitted: August 27, 2012
 Laboratory Reference: 1208-213
 Project: 62401.1

NWTPH-Gx/BTEX

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC1-Water					
Laboratory ID:	08-213-10					
Benzene	3.5	1.0	EPA 8021	8-27-12	8-27-12	
Toluene	ND	1.0	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	2.5	1.0	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	3.9	1.0	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	1.0	EPA 8021	8-27-12	8-27-12	
Gasoline	130	100	NWTPH-Gx	8-27-12	8-27-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	86	71-116				

Date of Report: August 28, 2012
 Samples Submitted: August 27, 2012
 Laboratory Reference: 1208-213
 Project: 62401.1

**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0827W1					
Benzene	ND	1.0	EPA 8021	8-27-12	8-27-12	
Toluene	ND	1.0	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	ND	1.0	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	ND	1.0	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	1.0	EPA 8021	8-27-12	8-27-12	
Gasoline	ND	100	NWTPH-Gx	8-27-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	83	71-116				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-143-04							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
Toluene	ND	ND	NA	NA	NA	NA	NA	30
Ethyl Benzene	ND	ND	NA	NA	NA	NA	NA	30
m,p-Xylene	ND	ND	NA	NA	NA	NA	NA	30
o-Xylene	ND	ND	NA	NA	NA	NA	NA	30
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
Surrogate:								
Fluorobenzene				83	82	71-116		

MATRIX SPIKES

Laboratory ID:	08-143-04									
	MS	MSD	MS	MSD		MS	MSD			
Benzene	45.0	44.6	50.0	50.0	ND	90	89	81-121	1	11
Toluene	45.2	45.1	50.0	50.0	ND	90	90	83-122	0	13
Ethyl Benzene	45.5	44.9	50.0	50.0	ND	91	90	81-121	1	15
m,p-Xylene	45.5	44.8	50.0	50.0	ND	91	90	80-119	2	16
o-Xylene	45.8	45.7	50.0	50.0	ND	92	91	80-119	0	15
Surrogate:										
Fluorobenzene						94	90	71-116		

Date of Report: August 28, 2012
 Samples Submitted: August 27, 2012
 Laboratory Reference: 1208-213
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: AOPC4-Bottom:11						
Laboratory ID:	08-213-05					
Diesel Fuel #2	250	27	NWTPH-Dx	8-27-12	8-28-12	
Lube Oil	240	54	NWTPH-Dx	8-27-12	8-28-12	
Surrogate:	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	143	50-150				
Client ID: AOPC4-UST-Bottom:8						
Laboratory ID:	08-213-09					
Diesel Fuel #2	1900	28	NWTPH-Dx	8-27-12	8-28-12	
Lube Oil	1200	57	NWTPH-Dx	8-27-12	8-28-12	
Surrogate:	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	129	50-150				

Date of Report: August 28, 2012
 Samples Submitted: August 27, 2012
 Laboratory Reference: 1208-213
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0827S1					
Diesel Range Organics	ND	25	NWTPH-Dx	8-27-12	8-27-12	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-27-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	124	50-150				

Analyte	Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE						
Laboratory ID:	08-205-01					
	ORIG	DUP				
Diesel Range Organics	ND	ND		NA	NA	
Lube Oil Range Organics	ND	ND		NA	NA	
Surrogate:						
o-Terphenyl			120 139	50-150		

Date of Report: August 28, 2012
 Samples Submitted: August 27, 2012
 Laboratory Reference: 1208-213
 Project: 62401.1

**TOTAL LEAD
 EPA 6010B**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	EPA Method	Date Prepared	Date Analyzed	Flags
Lab ID:	08-213-05					
Client ID:	AOPC4-Bottom:11					
Lead	ND	5.4	6010B	8-28-12	8-28-12	
Lab ID:	08-213-09					
Client ID:	AOPC4-UST-Bottom:8					
Lead	ND	5.7	6010B	8-28-12	8-28-12	

Date of Report: August 28, 2012
Samples Submitted: August 27, 2012
Laboratory Reference: 1208-213
Project: 62401.1

**TOTAL LEAD
EPA 6010B
METHOD BLANK QUALITY CONTROL**

Date Extracted: 8-28-12
Date Analyzed: 8-28-12

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0828SM1

Analyte	Method	Result	PQL
Lead	6010B	ND	5.0

Date of Report: August 28, 2012
Samples Submitted: August 27, 2012
Laboratory Reference: 1208-213
Project: 62401.1

**TOTAL LEAD
EPA 6010B
DUPLICATE QUALITY CONTROL**

Date Extracted: 8-28-12

Date Analyzed: 8-28-12

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-215-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	9.98	9.87	1	5.0	

Date of Report: August 28, 2012
Samples Submitted: August 27, 2012
Laboratory Reference: 1208-213
Project: 62401.1

**TOTAL LEAD
EPA 6010B
MS/MSD QUALITY CONTROL**

Date Extracted: 8-28-12

Date Analyzed: 8-28-12

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-215-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	256	99	244	94	5	

Date of Report: August 28, 2012
Samples Submitted: August 27, 2012
Laboratory Reference: 1208-213
Project: 62401.1

% MOISTURE

Date Analyzed: 8-27-12

Client ID	Lab ID	% Moisture
AOPC4-North:8	08-213-01	7
AOPC4-South:8	08-213-02	13
AOPC4-East:8	08-213-03	5
AOPC4-West:8	08-213-04	9
AOPC4-Bottom:11	08-213-05	7
AOPC4-UST-South:6	08-213-06	14
AOPC4-UST-East:6	08-213-07	9
AOPC4-UST-West:6	08-213-08	14
AOPC4-UST-Bottom:8	08-213-09	12



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference

Chain of Custody

Company: Environmental Partners

Project Number: 62401.1

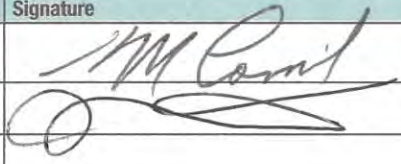
Project Name: Buss LLC

Project Manager: Greg McCormick

Sampled by: Greg McCormick

Turnaround Request (in working days)	Laboratory Number: 08-213														
(Check One) ☒ Same Day ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ Standard (7 Days) (TPH analysis 5 Days) ☐ _____ (other)															

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	NWTPH	NWTPH	NWTPH	NWTPH	Volatiles	Halogenes	Semivolatiles (with low-level PAHs)	PAHs 8270	PCBs 8270	Organochlorine Pesticides	Organophosphorus Pesticides	Chlorinated Acid Herbicides	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease)	Lead				% Moisture	
1	AOPC 4-North: 8	8/27/12	2:30	S	2		X																				8
2	AOPC 4-North-South: 8		2:40	S	2		X																				
3	AOPC 4-East: 8		2:50	S	2		X																				
4	AOPC 4-West: 8		3:00	S	2		X																				
5	AOPC 4-Bottom: 11		3:15	S	2		X		X													X					
6	AOPC 4-UST-South: 6		11:20	S	2		X																				
7	AOPC 4-UST-East: 6		11:10	S	2		X																				
8	AOPC 4-UST-West: 6		11:30	S	2		X																				
9	AOPC 4-UST-Bottom: 8		11:00	S	2		X		X													X					
10	AOPC 1-Water		12:30	W	3		X																				

Signature	Company	Date	Time	Comments/Special Instructions
	EPI	8/27/12	4:00	
	OSE	8/27/12	1600	
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date	Chromatograms with final report ☐		



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 28, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401.1
Laboratory Reference No. 1208-200

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on August 24, 2012.

Please note that this is a revised report. The sample previously written as North of OWS on page page 9 is now written as South of OWS.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal line extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: August 28, 2012
Samples Submitted: August 24, 2012
Laboratory Reference: 1208-200
Project: 62401.1

Case Narrative

Samples were collected on August 24, 2012 and received by the laboratory on August 24, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx/BTEX Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Volatiles EPA 8260B Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Method 5035A VOA vials were not provided for the volatiles analysis of sample OWS. The sample was therefore extracted from a 4-ounce jar and analyzed.

Please note that any other QA/QC issues associated with these extractions and analyses will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: August 28, 2012
 Samples Submitted: August 24, 2012
 Laboratory Reference: 1208-200
 Project: 62401.1

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: AOPC1-18:7						
Laboratory ID: 08-200-01						
Benzene	ND	0.020	EPA 8021	8-27-12	8-27-12	
Toluene	ND	0.056	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	ND	0.056	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	ND	0.056	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	0.056	EPA 8021	8-27-12	8-27-12	
Gasoline	ND	5.6	NWTPH-Gx	8-27-12	8-27-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	102	70-132				
Client ID: AOPC1-19:8						
Laboratory ID: 08-200-02						
Benzene	ND	0.020	EPA 8021	8-27-12	8-27-12	
Toluene	ND	0.050	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	ND	0.050	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	ND	0.050	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	0.050	EPA 8021	8-27-12	8-27-12	
Gasoline	ND	5.0	NWTPH-Gx	8-27-12	8-27-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	92	70-132				
Client ID: AOPC1-20:6						
Laboratory ID: 08-200-03						
Benzene	ND	0.020	EPA 8021	8-27-12	8-27-12	
Toluene	ND	0.053	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	ND	0.053	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	ND	0.053	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	0.053	EPA 8021	8-27-12	8-27-12	
Gasoline	ND	5.3	NWTPH-Gx	8-27-12	8-27-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	86	70-132				
Client ID: OWS						
Laboratory ID: 08-200-09						
Gasoline	ND	10	NWTPH-Gx	8-27-12	8-27-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	94	70-132				

Date of Report: August 28, 2012
 Samples Submitted: August 24, 2012
 Laboratory Reference: 1208-200
 Project: 62401.1

**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0827S1					
Benzene	ND	0.020	EPA 8021	8-27-12	8-27-12	
Toluene	ND	0.050	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	ND	0.050	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	ND	0.050	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	0.050	EPA 8021	8-27-12	8-27-12	
Gasoline	ND	5.0	NWTPH-Gx	8-27-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	83	70-132				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-205-06							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
Toluene	ND	ND	NA	NA	NA	NA	NA	30
Ethyl Benzene	ND	ND	NA	NA	NA	NA	NA	30
m,p-Xylene	ND	ND	NA	NA	NA	NA	NA	30
o-Xylene	ND	ND	NA	NA	NA	NA	NA	30
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
Surrogate:								
Fluorobenzene				88	90	70-132		

SPIKE BLANKS

Laboratory ID:	SB0827S1									
	SB	SBD	SB	SBD	SB	SBD				
Benzene	0.860	0.878	1.00	1.00	86	88	71-125	2	11	
Toluene	0.876	0.886	1.00	1.00	88	89	77-125	1	11	
Ethyl Benzene	0.872	0.874	1.00	1.00	87	87	76-125	0	10	
m,p-Xylene	0.891	0.881	1.00	1.00	89	88	78-124	1	9	
o-Xylene	0.882	0.866	1.00	1.00	88	87	77-123	2	9	
Surrogate:										
Fluorobenzene					89	90	70-132			

Date of Report: August 28, 2012
Samples Submitted: August 24, 2012
Laboratory Reference: 1208-200
Project: 62401.1

NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	OWS					
Laboratory ID:	08-200-10					
Gasoline	ND	400	NWTPH-Gx	8-27-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	89	71-116				

Date of Report: August 28, 2012
 Samples Submitted: August 24, 2012
 Laboratory Reference: 1208-200
 Project: 62401.1

**NWTPH-Gx
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0827W1					
Benzene	ND	1.0	EPA 8021	8-27-12	8-27-12	
Toluene	ND	1.0	EPA 8021	8-27-12	8-27-12	
Ethyl Benzene	ND	1.0	EPA 8021	8-27-12	8-27-12	
m,p-Xylene	ND	1.0	EPA 8021	8-27-12	8-27-12	
o-Xylene	ND	1.0	EPA 8021	8-27-12	8-27-12	
Gasoline	ND	100	NWTPH-Gx	8-27-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	83	71-116				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-143-04							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
Toluene	ND	ND	NA	NA	NA	NA	NA	30
Ethyl Benzene	ND	ND	NA	NA	NA	NA	NA	30
m,p-Xylene	ND	ND	NA	NA	NA	NA	NA	30
o-Xylene	ND	ND	NA	NA	NA	NA	NA	30
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
Surrogate:								
Fluorobenzene				83	82	71-116		

MATRIX SPIKES

Laboratory ID:	08-143-04									
	MS	MSD	MS	MSD		MS	MSD			
Benzene	45.0	44.6	50.0	50.0	ND	90	89	81-121	1	11
Toluene	45.2	45.1	50.0	50.0	ND	90	90	83-122	0	13
Ethyl Benzene	45.5	44.9	50.0	50.0	ND	91	90	81-121	1	15
m,p-Xylene	45.5	44.8	50.0	50.0	ND	91	90	80-119	2	16
o-Xylene	45.8	45.7	50.0	50.0	ND	92	91	80-119	0	15
Surrogate:										
Fluorobenzene						94	90	71-116		

Date of Report: August 28, 2012
 Samples Submitted: August 24, 2012
 Laboratory Reference: 1208-200
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Test Pit #3					
Laboratory ID:	08-200-04					
Diesel Range Organics	5900	280	NWTPH-Dx	8-24-12	8-27-12	
Lube Oil	6800	560	NWTPH-Dx	8-24-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	---	50-150				S

Client ID:	Test Pit #4					
Laboratory ID:	08-200-05					
Diesel Range Organics	40	36	NWTPH-Dx	8-24-12	8-24-12	N
Lube Oil	160	72	NWTPH-Dx	8-24-12	8-24-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	91	50-150				

Client ID:	Test Pit #5					
Laboratory ID:	08-200-06					
Diesel Range Organics	ND	28	NWTPH-Dx	8-24-12	8-24-12	
Lube Oil	190	56	NWTPH-Dx	8-24-12	8-24-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	127	50-150				

Client ID:	Test Pit #6					
Laboratory ID:	08-200-07					
Diesel Range Organics	59	30	NWTPH-Dx	8-24-12	8-24-12	N
Lube Oil	200	61	NWTPH-Dx	8-24-12	8-24-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	98	50-150				

Client ID:	Test Pit #7					
Laboratory ID:	08-200-08					
Diesel Range Organics	ND	44	NWTPH-Dx	8-24-12	8-24-12	
Lube Oil Range Organics	ND	87	NWTPH-Dx	8-24-12	8-24-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	100	50-150				

Client ID:	OWS					
Laboratory ID:	08-200-09					
Diesel Range Organics	ND	46	NWTPH-Dx	8-24-12	8-24-12	
Lube Oil	140	91	NWTPH-Dx	8-24-12	8-24-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	103	50-150				

Date of Report: August 28, 2012
 Samples Submitted: August 24, 2012
 Laboratory Reference: 1208-200
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0824S4					
Diesel Range Organics	ND	25	NWTPH-Dx	8-24-12	8-24-12	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-24-12	8-24-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	112	50-150				

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte		Result		Percent Recovery		Recovery Limits		RPD	RPD Limit	Flags	
DUPLICATE											
Laboratory ID:		08-200-06									
		ORIG	DUP								
Diesel Range Organics		ND	ND						NA	NA	
Lube Oil		170	118						36	NA	
Surrogate:											
o-Terphenyl				127	112	50-150					

Date of Report: August 28, 2012
 Samples Submitted: August 24, 2012
 Laboratory Reference: 1208-200
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	OWS					
Laboratory ID:	08-200-10					
Diesel Range Organics	2.0	0.27	NWTPH-Dx	8-27-12	8-27-12	N
Lube Oil	18	0.43	NWTPH-Dx	8-27-12	8-27-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	113	50-150				

Client ID:	Test Pit #3					
Laboratory ID:	08-200-11					
Diesel Range Organics	ND	0.26	NWTPH-Dx	8-27-12	8-27-12	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	8-27-12	8-27-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	118	50-150				

Client ID:	Test Pit #4					
Laboratory ID:	08-200-12					
Diesel Range Organics	0.95	0.30	NWTPH-Dx	8-27-12	8-27-12	N
Lube Oil	9.3	0.48	NWTPH-Dx	8-27-12	8-27-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	100	50-150				

Client ID:	Test Pit #5					
Laboratory ID:	08-200-13					
Diesel Range Organics	ND	0.27	NWTPH-Dx	8-27-12	8-27-12	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	8-27-12	8-27-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	98	50-150				

Client ID:	Test Pit #6					
Laboratory ID:	08-200-14					
Diesel Range Organics	ND	0.26	NWTPH-Dx	8-27-12	8-27-12	
Lube Oil Range Organics	ND	0.42	NWTPH-Dx	8-27-12	8-27-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	95	50-150				

Client ID:	South of OWS					
Laboratory ID:	08-200-15					
Diesel Range Organics	1.6	0.31	NWTPH-Dx	8-27-12	8-27-12	N
Lube Oil	17	0.50	NWTPH-Dx	8-27-12	8-27-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	100	50-150				

Date of Report: August 28, 2012
 Samples Submitted: August 24, 2012
 Laboratory Reference: 1208-200
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0827W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	8-27-12	8-27-12	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	8-27-12	8-27-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	99	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-189-01							
	ORIG	DUP						
Diesel Range Organics	ND	ND					NA	NA
Lube Oil Range Organics	ND	ND					NA	NA
Surrogate:								
o-Terphenyl			100	101	50-150			

Date of Report: August 28, 2012
 Samples Submitted: August 24, 2012
 Laboratory Reference: 1208-200
 Project: 62401.1

VOLATILES by EPA 8260B
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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:		OWS				
Laboratory ID:		08-200-09				
Dichlorodifluoromethane	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Chloromethane	ND	0.0090	EPA 8260	8-24-12	8-24-12	
Vinyl Chloride	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Bromomethane	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Chloroethane	ND	0.0090	EPA 8260	8-24-12	8-24-12	
Trichlorofluoromethane	ND	0.0018	EPA 8260	8-24-12	8-24-12	
1,1-Dichloroethene	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Acetone	0.14	0.0090	EPA 8260	8-24-12	8-24-12	
Iodomethane	ND	0.0090	EPA 8260	8-24-12	8-24-12	
Carbon Disulfide	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Methylene Chloride	0.051	0.0090	EPA 8260	8-24-12	8-24-12	
(trans) 1,2-Dichloroethene	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Methyl t-Butyl Ether	ND	0.0018	EPA 8260	8-24-12	8-24-12	
1,1-Dichloroethane	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Vinyl Acetate	ND	0.0090	EPA 8260	8-24-12	8-24-12	
2,2-Dichloropropane	ND	0.0018	EPA 8260	8-24-12	8-24-12	
(cis) 1,2-Dichloroethene	ND	0.0018	EPA 8260	8-24-12	8-24-12	
2-Butanone	0.046	0.0090	EPA 8260	8-24-12	8-24-12	
Bromochloromethane	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Chloroform	ND	0.0018	EPA 8260	8-24-12	8-24-12	
1,1,1-Trichloroethane	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Carbon Tetrachloride	ND	0.0018	EPA 8260	8-24-12	8-24-12	
1,1-Dichloropropene	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Benzene	ND	0.0018	EPA 8260	8-24-12	8-24-12	
1,2-Dichloroethane	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Trichloroethene	ND	0.0018	EPA 8260	8-24-12	8-24-12	
1,2-Dichloropropane	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Dibromomethane	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Bromodichloromethane	ND	0.0018	EPA 8260	8-24-12	8-24-12	
2-Chloroethyl Vinyl Ether	ND	0.0090	EPA 8260	8-24-12	8-24-12	
(cis) 1,3-Dichloropropene	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Methyl Isobutyl Ketone	ND	0.0090	EPA 8260	8-24-12	8-24-12	
Toluene	ND	0.0090	EPA 8260	8-24-12	8-24-12	
(trans) 1,3-Dichloropropene	ND	0.0018	EPA 8260	8-24-12	8-24-12	

Date of Report: August 28, 2012
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 Project: 62401.1

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	OWS					
Laboratory ID:	08-200-09					
1,1,2-Trichloroethane	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Tetrachloroethene	ND	0.0018	EPA 8260	8-24-12	8-24-12	
1,3-Dichloropropane	ND	0.0018	EPA 8260	8-24-12	8-24-12	
2-Hexanone	ND	0.0090	EPA 8260	8-24-12	8-24-12	
Dibromochloromethane	ND	0.0018	EPA 8260	8-24-12	8-24-12	
1,2-Dibromoethane	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Chlorobenzene	ND	0.0018	EPA 8260	8-24-12	8-24-12	
1,1,1,2-Tetrachloroethane	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Ethylbenzene	ND	0.0018	EPA 8260	8-24-12	8-24-12	
m,p-Xylene	ND	0.0036	EPA 8260	8-24-12	8-24-12	
o-Xylene	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Styrene	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Bromoform	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Isopropylbenzene	ND	0.0018	EPA 8260	8-24-12	8-24-12	
Bromobenzene	ND	0.0087	EPA 8260	8-24-12	8-24-12	
1,1,2,2-Tetrachloroethane	ND	0.0087	EPA 8260	8-24-12	8-24-12	
1,2,3-Trichloropropane	ND	0.0087	EPA 8260	8-24-12	8-24-12	
n-Propylbenzene	ND	0.0087	EPA 8260	8-24-12	8-24-12	
2-Chlorotoluene	ND	0.0087	EPA 8260	8-24-12	8-24-12	
4-Chlorotoluene	ND	0.0087	EPA 8260	8-24-12	8-24-12	
1,3,5-Trimethylbenzene	ND	0.0087	EPA 8260	8-24-12	8-24-12	
tert-Butylbenzene	ND	0.0087	EPA 8260	8-24-12	8-24-12	
1,2,4-Trimethylbenzene	ND	0.0087	EPA 8260	8-24-12	8-24-12	
sec-Butylbenzene	ND	0.0087	EPA 8260	8-24-12	8-24-12	
1,3-Dichlorobenzene	ND	0.0087	EPA 8260	8-24-12	8-24-12	
p-Isopropyltoluene	ND	0.0087	EPA 8260	8-24-12	8-24-12	
1,4-Dichlorobenzene	ND	0.0087	EPA 8260	8-24-12	8-24-12	
1,2-Dichlorobenzene	ND	0.0087	EPA 8260	8-24-12	8-24-12	
n-Butylbenzene	ND	0.0087	EPA 8260	8-24-12	8-24-12	
1,2-Dibromo-3-chloropropane	ND	0.043	EPA 8260	8-24-12	8-24-12	
1,2,4-Trichlorobenzene	ND	0.0087	EPA 8260	8-24-12	8-24-12	
Hexachlorobutadiene	ND	0.043	EPA 8260	8-24-12	8-24-12	
Naphthalene	ND	0.0087	EPA 8260	8-24-12	8-24-12	
1,2,3-Trichlorobenzene	ND	0.0087	EPA 8260	8-24-12	8-24-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>90</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>90</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>82</i>	<i>52-125</i>				

Date of Report: August 28, 2012
 Samples Submitted: August 24, 2012
 Laboratory Reference: 1208-200
 Project: 62401.1

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0824S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Chloromethane	ND	0.0050	EPA 8260	8-24-12	8-24-12	
Vinyl Chloride	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Bromomethane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Chloroethane	ND	0.0050	EPA 8260	8-24-12	8-24-12	
Trichlorofluoromethane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,1-Dichloroethene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Acetone	ND	0.0050	EPA 8260	8-24-12	8-24-12	
Iodomethane	ND	0.0050	EPA 8260	8-24-12	8-24-12	
Carbon Disulfide	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Methylene Chloride	ND	0.0050	EPA 8260	8-24-12	8-24-12	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,1-Dichloroethane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Vinyl Acetate	ND	0.0050	EPA 8260	8-24-12	8-24-12	
2,2-Dichloropropane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
2-Butanone	ND	0.0050	EPA 8260	8-24-12	8-24-12	
Bromochloromethane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Chloroform	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Carbon Tetrachloride	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,1-Dichloropropene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Benzene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,2-Dichloroethane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Trichloroethene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,2-Dichloropropane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Dibromomethane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Bromodichloromethane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	8-24-12	8-24-12	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260	8-24-12	8-24-12	
Toluene	ND	0.0050	EPA 8260	8-24-12	8-24-12	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-24-12	8-24-12	

Date of Report: August 28, 2012
 Samples Submitted: August 24, 2012
 Laboratory Reference: 1208-200
 Project: 62401.1

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID: MB0824S1						
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Tetrachloroethene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,3-Dichloropropane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
2-Hexanone	ND	0.0050	EPA 8260	8-24-12	8-24-12	
Dibromochloromethane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,2-Dibromoethane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Chlorobenzene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Ethylbenzene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
m,p-Xylene	ND	0.0020	EPA 8260	8-24-12	8-24-12	
o-Xylene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Styrene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Bromoform	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Isopropylbenzene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Bromobenzene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	8-24-12	8-24-12	
n-Propylbenzene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
2-Chlorotoluene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
4-Chlorotoluene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
tert-Butylbenzene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
sec-Butylbenzene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
p-Isopropyltoluene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
n-Butylbenzene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	8-24-12	8-24-12	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
Hexachlorobutadiene	ND	0.0050	EPA 8260	8-24-12	8-24-12	
Naphthalene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	8-24-12	8-24-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	92	63-127				
<i>Toluene-d8</i>	96	65-129				
<i>4-Bromofluorobenzene</i>	103	52-125				

Date of Report: August 28, 2012
 Samples Submitted: August 24, 2012
 Laboratory Reference: 1208-200
 Project: 62401.1

VOLATILES by EPA 8260B
SB/SBD QUALITY CONTROL

Matrix: Soil
 Units: mg/kg

Analyte	Result		Spike Level		Percent		Recovery		RPD	
					Recovery		Limits		RPD	Limit
SPIKE BLANKS										
Laboratory ID:		SB0824S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0398	0.0400	0.0500	0.0500	80	80	65-141	1	15	
Benzene	0.0432	0.0441	0.0500	0.0500	86	88	69-121	2	15	
Trichloroethene	0.0434	0.0426	0.0500	0.0500	87	85	75-120	2	15	
Toluene	0.0442	0.0440	0.0500	0.0500	88	88	75-120	0	15	
Chlorobenzene	0.0507	0.0503	0.0500	0.0500	101	101	75-120	1	15	
Surrogate:										
Dibromofluoromethane					85	86	63-127			
Toluene-d8					90	89	65-129			
4-Bromofluorobenzene					95	96	52-125			

Date of Report: August 28, 2012
 Samples Submitted: August 24, 2012
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 Project: 62401.1

VOLATILES by EPA 8260B
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Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	OWS					
Laboratory ID:	08-200-10					
Dichlorodifluoromethane	ND	4.0	EPA 8260	8-24-12	8-24-12	
Chloromethane	ND	20	EPA 8260	8-24-12	8-24-12	
Vinyl Chloride	ND	4.0	EPA 8260	8-24-12	8-24-12	
Bromomethane	ND	4.0	EPA 8260	8-24-12	8-24-12	
Chloroethane	ND	20	EPA 8260	8-24-12	8-24-12	
Trichlorofluoromethane	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,1-Dichloroethene	ND	4.0	EPA 8260	8-24-12	8-24-12	
Acetone	350	100	EPA 8260	8-24-12	8-24-12	
Iodomethane	ND	20	EPA 8260	8-24-12	8-24-12	
Carbon Disulfide	ND	4.0	EPA 8260	8-24-12	8-24-12	
Methylene Chloride	ND	20	EPA 8260	8-24-12	8-24-12	
(trans) 1,2-Dichloroethene	ND	4.0	EPA 8260	8-24-12	8-24-12	
Methyl t-Butyl Ether	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,1-Dichloroethane	ND	4.0	EPA 8260	8-24-12	8-24-12	
Vinyl Acetate	ND	40	EPA 8260	8-24-12	8-24-12	
2,2-Dichloropropane	ND	4.0	EPA 8260	8-24-12	8-24-12	
(cis) 1,2-Dichloroethene	ND	4.0	EPA 8260	8-24-12	8-24-12	
2-Butanone	ND	100	EPA 8260	8-24-12	8-24-12	
Bromochloromethane	ND	4.0	EPA 8260	8-24-12	8-24-12	
Chloroform	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,1,1-Trichloroethane	ND	4.0	EPA 8260	8-24-12	8-24-12	
Carbon Tetrachloride	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,1-Dichloropropene	ND	4.0	EPA 8260	8-24-12	8-24-12	
Benzene	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,2-Dichloroethane	ND	4.0	EPA 8260	8-24-12	8-24-12	
Trichloroethene	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,2-Dichloropropane	ND	4.0	EPA 8260	8-24-12	8-24-12	
Dibromomethane	ND	4.0	EPA 8260	8-24-12	8-24-12	
Bromodichloromethane	ND	4.0	EPA 8260	8-24-12	8-24-12	
2-Chloroethyl Vinyl Ether	ND	20	EPA 8260	8-24-12	8-24-12	
(cis) 1,3-Dichloropropene	ND	4.0	EPA 8260	8-24-12	8-24-12	
Methyl Isobutyl Ketone	ND	40	EPA 8260	8-24-12	8-24-12	
Toluene	ND	20	EPA 8260	8-24-12	8-24-12	
(trans) 1,3-Dichloropropene	ND	4.0	EPA 8260	8-24-12	8-24-12	

Date of Report: August 28, 2012
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 Project: 62401.1

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	OWS					
Laboratory ID:	08-200-10					
1,1,2-Trichloroethane	ND	4.0	EPA 8260	8-24-12	8-24-12	
Tetrachloroethene	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,3-Dichloropropane	ND	4.0	EPA 8260	8-24-12	8-24-12	
2-Hexanone	ND	40	EPA 8260	8-24-12	8-24-12	
Dibromochloromethane	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,2-Dibromoethane	ND	4.0	EPA 8260	8-24-12	8-24-12	
Chlorobenzene	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,1,1,2-Tetrachloroethane	ND	4.0	EPA 8260	8-24-12	8-24-12	
Ethylbenzene	ND	4.0	EPA 8260	8-24-12	8-24-12	
m,p-Xylene	ND	8.0	EPA 8260	8-24-12	8-24-12	
o-Xylene	ND	4.0	EPA 8260	8-24-12	8-24-12	
Styrene	ND	4.0	EPA 8260	8-24-12	8-24-12	
Bromoform	ND	20	EPA 8260	8-24-12	8-24-12	
Isopropylbenzene	ND	4.0	EPA 8260	8-24-12	8-24-12	
Bromobenzene	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,1,2,2-Tetrachloroethane	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,2,3-Trichloropropane	ND	4.0	EPA 8260	8-24-12	8-24-12	
n-Propylbenzene	ND	4.0	EPA 8260	8-24-12	8-24-12	
2-Chlorotoluene	ND	4.0	EPA 8260	8-24-12	8-24-12	
4-Chlorotoluene	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,3,5-Trimethylbenzene	ND	4.0	EPA 8260	8-24-12	8-24-12	
tert-Butylbenzene	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,2,4-Trimethylbenzene	ND	4.0	EPA 8260	8-24-12	8-24-12	
sec-Butylbenzene	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,3-Dichlorobenzene	ND	4.0	EPA 8260	8-24-12	8-24-12	
p-Isopropyltoluene	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,4-Dichlorobenzene	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,2-Dichlorobenzene	ND	4.0	EPA 8260	8-24-12	8-24-12	
n-Butylbenzene	ND	4.0	EPA 8260	8-24-12	8-24-12	
1,2-Dibromo-3-chloropropane	ND	20	EPA 8260	8-24-12	8-24-12	
1,2,4-Trichlorobenzene	ND	4.0	EPA 8260	8-24-12	8-24-12	
Hexachlorobutadiene	ND	4.0	EPA 8260	8-24-12	8-24-12	
Naphthalene	ND	20	EPA 8260	8-24-12	8-24-12	
1,2,3-Trichlorobenzene	ND	4.0	EPA 8260	8-24-12	8-24-12	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	79	66-120				
Toluene-d8	89	70-120				
4-Bromofluorobenzene	95	63-120				

Date of Report: August 28, 2012
 Samples Submitted: August 24, 2012
 Laboratory Reference: 1208-200
 Project: 62401.1

VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
 page 1 of 2

Matrix: Water
 Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0824W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260	8-24-12	8-24-12	
Chloromethane	ND	1.0	EPA 8260	8-24-12	8-24-12	
Vinyl Chloride	ND	0.20	EPA 8260	8-24-12	8-24-12	
Bromomethane	ND	0.20	EPA 8260	8-24-12	8-24-12	
Chloroethane	ND	1.0	EPA 8260	8-24-12	8-24-12	
Trichlorofluoromethane	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,1-Dichloroethene	ND	0.20	EPA 8260	8-24-12	8-24-12	
Acetone	ND	5.0	EPA 8260	8-24-12	8-24-12	
Iodomethane	ND	1.0	EPA 8260	8-24-12	8-24-12	
Carbon Disulfide	ND	0.20	EPA 8260	8-24-12	8-24-12	
Methylene Chloride	ND	1.0	EPA 8260	8-24-12	8-24-12	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260	8-24-12	8-24-12	
Methyl t-Butyl Ether	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,1-Dichloroethane	ND	0.20	EPA 8260	8-24-12	8-24-12	
Vinyl Acetate	ND	2.0	EPA 8260	8-24-12	8-24-12	
2,2-Dichloropropane	ND	0.20	EPA 8260	8-24-12	8-24-12	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260	8-24-12	8-24-12	
2-Butanone	ND	5.0	EPA 8260	8-24-12	8-24-12	
Bromochloromethane	ND	0.20	EPA 8260	8-24-12	8-24-12	
Chloroform	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,1,1-Trichloroethane	ND	0.20	EPA 8260	8-24-12	8-24-12	
Carbon Tetrachloride	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,1-Dichloropropene	ND	0.20	EPA 8260	8-24-12	8-24-12	
Benzene	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,2-Dichloroethane	ND	0.20	EPA 8260	8-24-12	8-24-12	
Trichloroethene	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,2-Dichloropropane	ND	0.20	EPA 8260	8-24-12	8-24-12	
Dibromomethane	ND	0.20	EPA 8260	8-24-12	8-24-12	
Bromodichloromethane	ND	0.20	EPA 8260	8-24-12	8-24-12	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260	8-24-12	8-24-12	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260	8-24-12	8-24-12	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260	8-24-12	8-24-12	
Toluene	ND	1.0	EPA 8260	8-24-12	8-24-12	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260	8-24-12	8-24-12	

Date of Report: August 28, 2012
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VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID: MB0824W1						
1,1,2-Trichloroethane	ND	0.20	EPA 8260	8-24-12	8-24-12	
Tetrachloroethene	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,3-Dichloropropane	ND	0.20	EPA 8260	8-24-12	8-24-12	
2-Hexanone	ND	2.0	EPA 8260	8-24-12	8-24-12	
Dibromochloromethane	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,2-Dibromoethane	ND	0.20	EPA 8260	8-24-12	8-24-12	
Chlorobenzene	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260	8-24-12	8-24-12	
Ethylbenzene	ND	0.20	EPA 8260	8-24-12	8-24-12	
m,p-Xylene	ND	0.40	EPA 8260	8-24-12	8-24-12	
o-Xylene	ND	0.20	EPA 8260	8-24-12	8-24-12	
Styrene	ND	0.20	EPA 8260	8-24-12	8-24-12	
Bromoform	ND	1.0	EPA 8260	8-24-12	8-24-12	
Isopropylbenzene	ND	0.20	EPA 8260	8-24-12	8-24-12	
Bromobenzene	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,2,3-Trichloropropane	ND	0.20	EPA 8260	8-24-12	8-24-12	
n-Propylbenzene	ND	0.20	EPA 8260	8-24-12	8-24-12	
2-Chlorotoluene	ND	0.20	EPA 8260	8-24-12	8-24-12	
4-Chlorotoluene	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260	8-24-12	8-24-12	
tert-Butylbenzene	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260	8-24-12	8-24-12	
sec-Butylbenzene	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,3-Dichlorobenzene	ND	0.20	EPA 8260	8-24-12	8-24-12	
p-Isopropyltoluene	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,4-Dichlorobenzene	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,2-Dichlorobenzene	ND	0.20	EPA 8260	8-24-12	8-24-12	
n-Butylbenzene	ND	0.20	EPA 8260	8-24-12	8-24-12	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260	8-24-12	8-24-12	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260	8-24-12	8-24-12	
Hexachlorobutadiene	ND	0.20	EPA 8260	8-24-12	8-24-12	
Naphthalene	ND	1.0	EPA 8260	8-24-12	8-24-12	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260	8-24-12	8-24-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	78	66-120				
<i>Toluene-d8</i>	89	70-120				
<i>4-Bromofluorobenzene</i>	95	63-120				

Date of Report: August 28, 2012
 Samples Submitted: August 24, 2012
 Laboratory Reference: 1208-200
 Project: 62401.1

VOLATILES by EPA 8260B
MS/MSD QUALITY CONTROL

Matrix: Water

Units: ug/L

Analyte	Result		Spike Level		Source	Percent	Recovery	RPD		Flags
					Result	Recovery	Limits			
MATRIX SPIKES										
Laboratory ID:	08-164-01									
	MS	MSD	MS	MSD		MS	MSD			
1,1-Dichloroethene	8.59	8.09	10.0	10.0	ND	86	81	62-141	6	15
Benzene	8.84	8.39	10.0	10.0	ND	88	84	78-118	5	15
Trichloroethene	9.65	9.15	10.0	10.0	ND	97	92	80-115	5	15
Toluene	9.75	9.24	10.0	10.0	ND	98	92	80-116	5	15
Chlorobenzene	10.5	10.0	10.0	10.0	ND	105	100	80-118	5	15
Surrogate:										
Dibromofluoromethane						76	75	66-120		
Toluene-d8						88	87	70-120		
4-Bromofluorobenzene						94	93	63-120		

Date of Report: August 28, 2012
Samples Submitted: August 24, 2012
Laboratory Reference: 1208-200
Project: 62401.1

% MOISTURE

Date Analyzed: 8-24-12

Client ID	Lab ID	% Moisture
AOPC1-18:7	08-200-01	20
AOPC1-19:8	08-200-02	12
AOPC1-20:6	08-200-03	16
Test Pit #3	08-200-04	11
Test Pit #4	08-200-05	30
Test Pit #5	08-200-06	10
Test Pit #6	08-200-07	18
Test Pit #7	08-200-08	43
OWS	08-200-09	45



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



OnSite Environmental Inc.

Analytical Laboratory Testing Services

14648 NE 95th Street • Redmond, WA 98052

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Chain of Custody

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08-200

Company: Environmental Partners, Inc

Project Number: 62401.1

Project Name: Buss LLC

Project Manager: Greg McCormick

Sampled by: Greg McCormick

**Turnaround Request
(in working days)**

(Check One)

☒ Same Day ☐ 1 Day

☐ 2 Days ☐ 3 Days

☐ Standard (7 Days) (TPH analysis 5 Days)

☐ _____ (other)

Laboratory Number:

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture
1	AOPCI-18:7	8/24/12	9:30	S	2		X															X
2	AOPCI-19:8		9:40	S	2		X															X
3	AOPCI-20:6		9:50	S	2		X															X
4	Test Pit #3		1:10	S	1				X													X
5	Test Pit #4		1:20	S	1				X													X
6	Test Pit #5		1:30	S	1				X													X
7	Test Pit #6		1:00	S	1				X													X
8	Test Pit #7		2:20	S	1				X													X
9	OWS		2:45	S	2			X	X	X												X
10	OWS		3:15	W	3			X	X	X												

Signature	Company	Date	Time	Comments/Special Instructions
<u>[Signature]</u>	<u>EPI</u>	<u>8/24/12</u>	<u>3:00</u>	
<u>[Signature]</u>	<u>Buss LLC</u>	<u>8/24/12</u>	<u>1500</u>	
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date	Chromatograms with final report ☐		



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August 24, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401.1
Laboratory Reference No. 1208-180

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on August 22, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DeB" followed by a stylized flourish.

David Baumeister
Project Manager

Enclosures

Date of Report: August 24, 2012
Samples Submitted: August 22, 2012
Laboratory Reference: 1208-180
Project: 62401.1

Case Narrative

Samples were collected on August 22, 2012 and received by the laboratory on August 22, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx/BTEX (soil) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: August 24, 2012
 Samples Submitted: August 22, 2012
 Laboratory Reference: 1208-180
 Project: 62401.1

NWTPH-Gx/BTEX

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC1-Water					
Laboratory ID:	08-180-01					
Benzene	18	1.0	EPA 8021	8-23-12	8-23-12	
Toluene	12	1.0	EPA 8021	8-23-12	8-23-12	
Ethyl Benzene	83	1.0	EPA 8021	8-23-12	8-23-12	
m,p-Xylene	77	1.0	EPA 8021	8-23-12	8-23-12	
o-Xylene	12	1.0	EPA 8021	8-23-12	8-23-12	
Gasoline	1800	100	NWTPH-Gx	8-23-12	8-23-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>103</i>	<i>71-116</i>				

Date of Report: August 24, 2012
 Samples Submitted: August 22, 2012
 Laboratory Reference: 1208-180
 Project: 62401.1

**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823W1					
Benzene	ND	1.0	EPA 8021	8-23-12	8-23-12	
Toluene	ND	1.0	EPA 8021	8-23-12	8-23-12	
Ethyl Benzene	ND	1.0	EPA 8021	8-23-12	8-23-12	
m,p-Xylene	ND	1.0	EPA 8021	8-23-12	8-23-12	
o-Xylene	ND	1.0	EPA 8021	8-23-12	8-23-12	
Gasoline	ND	100	NWTPH-Gx	8-23-12	8-23-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	84	71-116				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-180-01							
	ORIG	DUP						
Benzene	17.6	17.0	NA	NA	NA	NA	3	30
Toluene	11.5	11.0	NA	NA	NA	NA	4	30
Ethyl Benzene	82.8	78.6	NA	NA	NA	NA	5	30
m,p-Xylene	76.6	72.9	NA	NA	NA	NA	5	30
o-Xylene	12.1	11.7	NA	NA	NA	NA	3	30
Gasoline	1770	1700	NA	NA	NA	NA	4	30
Surrogate:								
Fluorobenzene				103	103	71-116		

SPIKE BLANKS

Laboratory ID:	SB0823W1									
	SB	SBD	SB	SBD	SB	SBD				
Benzene	48.0	47.6	50.0	50.0	96	95	79-119	1	12	
Toluene	48.7	47.1	50.0	50.0	97	94	82-120	3	13	
Ethyl Benzene	49.2	46.6	50.0	50.0	98	93	81-121	5	16	
m,p-Xylene	49.6	47.0	50.0	50.0	99	94	81-120	5	16	
o-Xylene	48.6	46.7	50.0	50.0	97	93	81-118	4	16	
Surrogate:										
Fluorobenzene					85	84	71-116			

Date of Report: August 24, 2012
 Samples Submitted: August 22, 2012
 Laboratory Reference: 1208-180
 Project: 62401.1

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: AOPC1-12:7						
Laboratory ID:	08-180-06					
Benzene	ND	0.020	EPA 8021	8-23-12	8-23-12	
Toluene	ND	0.075	EPA 8021	8-23-12	8-23-12	
Ethyl Benzene	ND	0.075	EPA 8021	8-23-12	8-23-12	
m,p-Xylene	ND	0.075	EPA 8021	8-23-12	8-23-12	
o-Xylene	ND	0.075	EPA 8021	8-23-12	8-23-12	
Gasoline	8.6	7.5	NWTPH-Gx	8-23-12	8-23-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	85	70-132				
Client ID: AOPC1-13:7						
Laboratory ID:	08-180-07					
Benzene	ND	0.020	EPA 8021	8-23-12	8-23-12	
Toluene	ND	0.058	EPA 8021	8-23-12	8-23-12	
Ethyl Benzene	ND	0.058	EPA 8021	8-23-12	8-23-12	
m,p-Xylene	ND	0.058	EPA 8021	8-23-12	8-23-12	
o-Xylene	ND	0.058	EPA 8021	8-23-12	8-23-12	
Gasoline	ND	5.8	NWTPH-Gx	8-23-12	8-23-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	83	70-132				
Client ID: AOPC1-14:7						
Laboratory ID:	08-180-08					
Benzene	ND	0.020	EPA 8021	8-23-12	8-23-12	
Toluene	ND	0.025	EPA 8021	8-23-12	8-23-12	
Ethyl Benzene	ND	0.025	EPA 8021	8-23-12	8-23-12	
m,p-Xylene	ND	0.025	EPA 8021	8-23-12	8-23-12	
o-Xylene	ND	0.025	EPA 8021	8-23-12	8-23-12	
Gasoline	ND	2.5	NWTPH-Gx	8-23-12	8-23-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	78	70-132				

Date of Report: August 24, 2012
 Samples Submitted: August 22, 2012
 Laboratory Reference: 1208-180
 Project: 62401.1

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: AOPC1-15:7						
Laboratory ID:	08-180-09					
Benzene	ND	0.022	EPA 8021	8-23-12	8-23-12	
Toluene	ND	0.084	EPA 8021	8-23-12	8-23-12	
Ethyl Benzene	ND	0.084	EPA 8021	8-23-12	8-23-12	
m,p-Xylene	ND	0.084	EPA 8021	8-23-12	8-23-12	
o-Xylene	ND	0.084	EPA 8021	8-23-12	8-23-12	
Gasoline	ND	8.4	NWTPH-Gx	8-23-12	8-23-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	91	70-132				
Client ID: AOPC1-16:11						
Laboratory ID:	08-180-10					
Benzene	ND	0.020	EPA 8021	8-23-12	8-23-12	
Toluene	ND	0.058	EPA 8021	8-23-12	8-23-12	
Ethyl Benzene	ND	0.058	EPA 8021	8-23-12	8-23-12	
m,p-Xylene	ND	0.058	EPA 8021	8-23-12	8-23-12	
o-Xylene	ND	0.058	EPA 8021	8-23-12	8-23-12	
Gasoline	ND	5.8	NWTPH-Gx	8-23-12	8-23-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	87	70-132				
Client ID: AOPC1-17:11						
Laboratory ID:	08-180-11					
Benzene	ND	0.020	EPA 8021	8-23-12	8-23-12	
Toluene	ND	0.061	EPA 8021	8-23-12	8-23-12	
Ethyl Benzene	ND	0.061	EPA 8021	8-23-12	8-23-12	
m,p-Xylene	ND	0.061	EPA 8021	8-23-12	8-23-12	
o-Xylene	ND	0.061	EPA 8021	8-23-12	8-23-12	
Gasoline	ND	6.1	NWTPH-Gx	8-23-12	8-23-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	88	70-132				

Date of Report: August 24, 2012
 Samples Submitted: August 22, 2012
 Laboratory Reference: 1208-180
 Project: 62401.1

**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823S1					
Benzene	ND	0.020	EPA 8021	8-23-12	8-23-12	
Toluene	ND	0.050	EPA 8021	8-23-12	8-23-12	
Ethyl Benzene	ND	0.050	EPA 8021	8-23-12	8-23-12	
m,p-Xylene	ND	0.050	EPA 8021	8-23-12	8-23-12	
o-Xylene	ND	0.050	EPA 8021	8-23-12	8-23-12	
Gasoline	ND	5.0	NWTPH-Gx	8-23-12	8-23-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	85	70-132				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-180-08							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
Toluene	ND	ND	NA	NA	NA	NA	NA	30
Ethyl Benzene	ND	ND	NA	NA	NA	NA	NA	30
m,p-Xylene	ND	ND	NA	NA	NA	NA	NA	30
o-Xylene	ND	ND	NA	NA	NA	NA	NA	30
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
Surrogate:								
Fluorobenzene				78	79	70-132		

SPIKE BLANKS

Laboratory ID:	SB0823S1								
	SB	SBD	SB	SBD	SB	SBD			
Benzene	0.840	0.849	1.00	1.00	84	85	71-125	1	11
Toluene	0.869	0.873	1.00	1.00	87	87	77-125	0	11
Ethyl Benzene	0.862	0.864	1.00	1.00	86	86	76-125	0	10
m,p-Xylene	0.880	0.879	1.00	1.00	88	88	78-124	0	9
o-Xylene	0.876	0.875	1.00	1.00	88	88	77-123	0	9
Surrogate:									
Fluorobenzene				85	87	70-132			

Date of Report: August 24, 2012
 Samples Submitted: August 22, 2012
 Laboratory Reference: 1208-180
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC2-Water					
Laboratory ID:	08-180-02					
Diesel Range Organics	3.3	0.24	NWTPH-Dx	8-23-12	8-23-12	
Lube Oil	4.8	0.38	NWTPH-Dx	8-23-12	8-23-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>117</i>	<i>50-150</i>				

Date of Report: August 24, 2012
 Samples Submitted: August 22, 2012
 Laboratory Reference: 1208-180
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823W1					
Diesel Range Organics	ND	0.10	NWTPH-Dx	8-23-12	8-23-12	
Lube Oil Range Organics	ND	0.16	NWTPH-Dx	8-23-12	8-23-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	103	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-139-01							
	ORIG	DUP						
Diesel Range Organics	ND	ND					NA	NA
Lube Oil Range Organics	ND	ND					NA	NA
Surrogate:								
o-Terphenyl			104	112	50-150			

Date of Report: August 24, 2012
 Samples Submitted: August 22, 2012
 Laboratory Reference: 1208-180
 Project: 62401.1

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	OWS-West:5					
Laboratory ID:	08-180-03					
Diesel Range Organics	ND	87	NWTPH-Dx	8-23-12	8-23-12	
Lube Oil	240	170	NWTPH-Dx	8-23-12	8-23-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	92	50-150				
Client ID:	OWS-East:5					
Laboratory ID:	08-180-04					
Diesel Range Organics	ND	1500	NWTPH-Dx	8-23-12	8-23-12	U1
Lube Oil	9900	350	NWTPH-Dx	8-23-12	8-23-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	109	50-150				
Client ID:	OWS-South:5					
Laboratory ID:	08-180-05					
Diesel Range Organics	ND	3800	NWTPH-Dx	8-23-12	8-23-12	U1
Lube Oil	22000	730	NWTPH-Dx	8-23-12	8-23-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	101	50-150				

Date of Report: August 24, 2012
 Samples Submitted: August 22, 2012
 Laboratory Reference: 1208-180
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0823S1					
Diesel Range Organics	ND	25	NWTPH-Dx	8-23-12	8-23-12	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-23-12	8-23-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	104	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-180-03							
	ORIG	DUP						
Diesel Range Organics	ND	ND					NA	NA
Lube Oil	69.5	ND					NA	NA
Surrogate:								
o-Terphenyl			92	102	50-150			

Date of Report: August 24, 2012
Samples Submitted: August 22, 2012
Laboratory Reference: 1208-180
Project: 62401.1

% MOISTURE

Date Analyzed: 8-22&23-12

Client ID	Lab ID	% Moisture
OWS-West:5	08-180-03	71
OWS-East:5	08-180-04	28
OWS-South:5	08-180-05	66
AOPC1-12:7	08-180-06	10
AOPC1-13:7	08-180-07	12
AOPC1-14:7	08-180-08	8
AOPC1-15:7	08-180-09	15
AOPC1-16:11	08-180-10	7
AOPC1-17:11	08-180-11	13



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



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Analytical Laboratory Testing Services

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Chain of Custody

Page 1 of 2

Company: Environmental Partners

Project Number: 62401.1

Project Name: Buss LLC

Project Manager: Greg McCormick

Sampled by: Greg McCormick

Turnaround Request (in working days)					Laboratory Number: 08-180																						
(Check One)					NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664						% Moisture	
☒ Same Day	☒ 1 Day	☐ 2 Days	☐ 3 Days	☐ Standard (7 Days) (TPH analysis 5 Days)																							☐ _____ (other)
Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.																						
1	AOPC1-Water	8/22	2:30	W	3		X																				
2	AOPC2-Water		2:45	W	21				X																		
3	OWS - West : 5		1:15	S	1				X																	X	
4	OWS - East : 5		1:00	S	1				X																		
5	OWS - South : 5		1:10	S	1				X																		
6	AOPC1-12 : 7		2:50	S	2		X		X																		
7	AOPC1-13 : 7		2:55	S	2		X		X																		
8	AOPC1-14 : 7		3:00	S	2		X		X																		
9	AOPC1-15 : 7		3:05	S	2		X		X																		
10	AOPC1-16 : 11		3:10	S	2		X																				

Signature	Company	Date	Time	Comments/Special Instructions
<u>[Signature]</u>	<u>EPI</u>	<u>8/22/12</u>	<u>4:30</u>	
<u>[Signature]</u>	<u>CPL</u>	<u>8/22/12</u>	<u>1630</u>	
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date	Chromatograms with final report ☐		



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08-180

Company:	Environmental Partners
Project Number:	62401.1
Project Name:	Buss LLC
Project Manager:	Greg McCormick
Sampled by:	Greg McCormick

[illegible][illegible]

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		EPI	8/22/02	4:30	
Received		O. E.	8/22/02	1630	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date	Reviewed/Date		Chromatograms with final report ☐		



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August 22, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401.1
Laboratory Reference No. 1208-152

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on August 20, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal line extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: August 22, 2012
Samples Submitted: August 20, 2012
Laboratory Reference: 1208-152
Project: 62401.1

Case Narrative

Samples were collected on August 20, 2012 and received by the laboratory on August 20, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx/BTEX Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: August 22, 2012
 Samples Submitted: August 20, 2012
 Laboratory Reference: 1208-152
 Project: 62401.1

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: AOPC1-10:6						
Laboratory ID: 08-152-01						
Benzene	ND	0.052	EPA 8021	8-21-12	8-21-12	
Toluene	ND	0.26	EPA 8021	8-21-12	8-21-12	
Ethyl Benzene	ND	0.26	EPA 8021	8-21-12	8-21-12	
m,p-Xylene	ND	0.26	EPA 8021	8-21-12	8-21-12	
o-Xylene	ND	0.26	EPA 8021	8-21-12	8-21-12	
Gasoline	ND	26	NWTPH-Gx	8-21-12	8-21-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	125	70-132				
Client ID: AOPC1-11:6						
Laboratory ID: 08-152-02						
Benzene	ND	0.020	EPA 8021	8-21-12	8-21-12	
Toluene	ND	0.040	EPA 8021	8-21-12	8-21-12	
Ethyl Benzene	ND	0.040	EPA 8021	8-21-12	8-21-12	
m,p-Xylene	ND	0.040	EPA 8021	8-21-12	8-21-12	
o-Xylene	ND	0.040	EPA 8021	8-21-12	8-21-12	
Gasoline	ND	4.0	NWTPH-Gx	8-21-12	8-21-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	91	70-132				

Date of Report: August 22, 2012
 Samples Submitted: August 20, 2012
 Laboratory Reference: 1208-152
 Project: 62401.1

**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0821S1					
Benzene	ND	0.020	EPA 8021	8-21-12	8-21-12	
Toluene	ND	0.050	EPA 8021	8-21-12	8-21-12	
Ethyl Benzene	ND	0.050	EPA 8021	8-21-12	8-21-12	
m,p-Xylene	ND	0.050	EPA 8021	8-21-12	8-21-12	
o-Xylene	ND	0.050	EPA 8021	8-21-12	8-21-12	
Gasoline	ND	5.0	NWTPH-Gx	8-21-12	8-21-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	84	70-132				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-129-01							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
Toluene	ND	ND	NA	NA	NA	NA	NA	30
Ethyl Benzene	ND	ND	NA	NA	NA	NA	NA	30
m,p-Xylene	ND	ND	NA	NA	NA	NA	NA	30
o-Xylene	ND	ND	NA	NA	NA	NA	NA	30
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
Surrogate:								
Fluorobenzene				88	89	70-132		

SPIKE BLANKS

Laboratory ID:	SB0821S1									
	SB	SBD	SB	SBD	SB	SBD				
Benzene	0.851	0.885	1.00	1.00	85	89	71-125	4	11	
Toluene	0.887	0.910	1.00	1.00	89	91	77-125	3	11	
Ethyl Benzene	0.883	0.899	1.00	1.00	88	90	76-125	2	10	
m,p-Xylene	0.901	0.914	1.00	1.00	90	91	78-124	1	9	
o-Xylene	0.892	0.912	1.00	1.00	89	91	77-123	2	9	
Surrogate:										
Fluorobenzene					86	89	70-132			

Date of Report: August 22, 2012
 Samples Submitted: August 20, 2012
 Laboratory Reference: 1208-152
 Project: 62401.1

NWTPH-Dx
 (with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: Test Pit #1 (water)						
Laboratory ID:	08-152-03					
Diesel Range Organics	ND	0.30	NWTPH-Dx	8-21-12	8-21-12	
Lube Oil Range Organics	ND	0.49	NWTPH-Dx	8-21-12	8-21-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>109</i>	<i>50-150</i>				
Client ID: AOPC2-Water (2)						
Laboratory ID:	08-152-04					
Diesel Range Organics	0.44	0.28	NWTPH-Dx	8-21-12	8-21-12	
Lube Oil	0.60	0.45	NWTPH-Dx	8-21-12	8-21-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>87</i>	<i>50-150</i>				

Date of Report: August 22, 2012
 Samples Submitted: August 20, 2012
 Laboratory Reference: 1208-152
 Project: 62401.1

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0821W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	8-21-12	8-21-12	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	8-21-12	8-21-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>101</i>	<i>50-150</i>				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags	
DUPLICATE									
Laboratory ID:	08-106-01								
	ORIG	DUP							
Diesel Range Organics	ND	ND					NA	NA	U1
Lube Oil Range Organics	ND	ND					NA	NA	
Surrogate:									
o-Terphenyl			108	102	50-150				

Date of Report: August 22, 2012
Samples Submitted: August 20, 2012
Laboratory Reference: 1208-152
Project: 62401.1

% MOISTURE

Date Analyzed: 8-21-12

Client ID	Lab ID	% Moisture
AOPC1-10:6	08-152-01	69
AOPC1-11:6	08-152-02	19



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



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08-152

[illegible]



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 21, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401
Laboratory Reference No. 1208-145

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on August 17, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", followed by a long horizontal flourish.

David Baumeister
Project Manager

Enclosures

Date of Report: August 21, 2012
Samples Submitted: August 17, 2012
Laboratory Reference: 1208-145
Project: 62401

Case Narrative

Samples were collected on August 17, 2012 and received by the laboratory on August 17, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx/BTEX Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: August 21, 2012
 Samples Submitted: August 17, 2012
 Laboratory Reference: 1208-145
 Project: 62401

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: AOPC1-1:6						
Laboratory ID: 08-145-01						
Benzene	ND	0.020	EPA 8021	8-19-12	8-19-12	
Toluene	ND	0.038	EPA 8021	8-19-12	8-19-12	
Ethyl Benzene	ND	0.038	EPA 8021	8-19-12	8-19-12	
m,p-Xylene	ND	0.038	EPA 8021	8-19-12	8-19-12	
o-Xylene	ND	0.038	EPA 8021	8-19-12	8-19-12	
Gasoline	ND	3.8	NWTPH-Gx	8-19-12	8-19-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	95	70-132				
Client ID: AOPC1-2:6						
Laboratory ID: 08-145-02						
Benzene	ND	0.020	EPA 8021	8-19-12	8-19-12	
Toluene	ND	0.040	EPA 8021	8-19-12	8-19-12	
Ethyl Benzene	ND	0.040	EPA 8021	8-19-12	8-19-12	
m,p-Xylene	ND	0.040	EPA 8021	8-19-12	8-19-12	
o-Xylene	ND	0.040	EPA 8021	8-19-12	8-19-12	
Gasoline	ND	4.0	NWTPH-Gx	8-19-12	8-19-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	89	70-132				
Client ID: AOPC1-3:6						
Laboratory ID: 08-145-03						
Benzene	ND	0.020	EPA 8021	8-19-12	8-19-12	
Toluene	ND	0.041	EPA 8021	8-19-12	8-19-12	
Ethyl Benzene	ND	0.041	EPA 8021	8-19-12	8-19-12	
m,p-Xylene	0.12	0.041	EPA 8021	8-19-12	8-19-12	
o-Xylene	0.058	0.041	EPA 8021	8-19-12	8-19-12	
Gasoline	5.9	4.1	NWTPH-Gx	8-19-12	8-19-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	95	70-132				

Date of Report: August 21, 2012
 Samples Submitted: August 17, 2012
 Laboratory Reference: 1208-145
 Project: 62401

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC1-4:6					
Laboratory ID:	08-145-04					
Benzene	0.040	0.020	EPA 8021	8-19-12	8-19-12	
Toluene	ND	0.065	EPA 8021	8-19-12	8-19-12	
Ethyl Benzene	ND	0.065	EPA 8021	8-19-12	8-19-12	
m,p-Xylene	ND	0.065	EPA 8021	8-19-12	8-19-12	
o-Xylene	ND	0.065	EPA 8021	8-19-12	8-19-12	
Gasoline	8.0	6.5	NWTPH-Gx	8-19-12	8-19-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	112	70-132				
Client ID:	AOPC1-5:6					
Laboratory ID:	08-145-05					
Benzene	ND	0.020	EPA 8021	8-19-12	8-19-12	
Toluene	ND	0.066	EPA 8021	8-19-12	8-19-12	
Ethyl Benzene	ND	0.066	EPA 8021	8-19-12	8-19-12	
m,p-Xylene	ND	0.066	EPA 8021	8-19-12	8-19-12	
o-Xylene	ND	0.066	EPA 8021	8-19-12	8-19-12	
Gasoline	ND	6.6	NWTPH-Gx	8-19-12	8-19-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	106	70-132				
Client ID:	AOPC1-6:6					
Laboratory ID:	08-145-06					
Benzene	0.020	0.063	EPA 8021	8-19-12	8-19-12	J,B
Toluene	ND	0.31	EPA 8021	8-19-12	8-19-12	
Ethyl Benzene	ND	0.31	EPA 8021	8-19-12	8-19-12	
m,p-Xylene	ND	0.31	EPA 8021	8-19-12	8-19-12	
o-Xylene	ND	0.31	EPA 8021	8-19-12	8-19-12	
Gasoline	ND	31	NWTPH-Gx	8-19-12	8-19-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	103	70-132				

Date of Report: August 21, 2012
 Samples Submitted: August 17, 2012
 Laboratory Reference: 1208-145
 Project: 62401

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: AOPC1-7:6						
Laboratory ID: 08-145-07						
Benzene	6.5	0.031	EPA 8021	8-19-12	8-19-12	
Toluene	0.40	0.15	EPA 8021	8-19-12	8-19-12	
Ethyl Benzene	6.2	0.15	EPA 8021	8-19-12	8-19-12	
m,p-Xylene	5.8	0.15	EPA 8021	8-19-12	8-19-12	
o-Xylene	ND	0.15	EPA 8021	8-19-12	8-19-12	
Gasoline	650	15	NWTPH-Gx	8-19-12	8-19-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	127	70-132				
Client ID: AOPC1-8:6						
Laboratory ID: 08-145-08						
Benzene	2.9	0.055	EPA 8021	8-19-12	8-19-12	
Toluene	0.83	0.27	EPA 8021	8-19-12	8-19-12	
Ethyl Benzene	6.5	0.27	EPA 8021	8-19-12	8-19-12	
m,p-Xylene	18	0.27	EPA 8021	8-19-12	8-19-12	
o-Xylene	6.5	0.27	EPA 8021	8-19-12	8-19-12	
Gasoline	980	27	NWTPH-Gx	8-19-12	8-19-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	118	70-132				
Client ID: AOPC1-9:9						
Laboratory ID: 08-145-09						
Benzene	0.027	0.020	EPA 8021	8-19-12	8-19-12	
Toluene	ND	0.056	EPA 8021	8-19-12	8-19-12	
Ethyl Benzene	ND	0.056	EPA 8021	8-19-12	8-19-12	
m,p-Xylene	ND	0.056	EPA 8021	8-19-12	8-19-12	
o-Xylene	ND	0.056	EPA 8021	8-19-12	8-19-12	
Gasoline	ND	5.6	NWTPH-Gx	8-19-12	8-19-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	92	70-132				
Client ID: Test Pit #1:8						
Laboratory ID: 08-145-10						
Benzene	ND	0.086	EPA 8021	8-19-12	8-19-12	
Toluene	ND	0.43	EPA 8021	8-19-12	8-19-12	
Ethyl Benzene	ND	0.43	EPA 8021	8-19-12	8-19-12	
m,p-Xylene	ND	0.43	EPA 8021	8-19-12	8-19-12	
o-Xylene	ND	0.43	EPA 8021	8-19-12	8-19-12	
Gasoline	ND	43	NWTPH-Gx	8-19-12	8-19-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	101	70-132				

Date of Report: August 21, 2012
 Samples Submitted: August 17, 2012
 Laboratory Reference: 1208-145
 Project: 62401

**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0819S1					
Benzene	ND	0.020	EPA 8021	8-19-12	8-19-12	
Toluene	ND	0.050	EPA 8021	8-19-12	8-19-12	
Ethyl Benzene	ND	0.050	EPA 8021	8-19-12	8-19-12	
m,p-Xylene	ND	0.050	EPA 8021	8-19-12	8-19-12	
o-Xylene	ND	0.050	EPA 8021	8-19-12	8-19-12	
Gasoline	ND	5.0	NWTPH-Gx	8-19-12	8-19-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	89	70-132				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-145-01							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
Toluene	ND	ND	NA	NA	NA	NA	NA	30
Ethyl Benzene	ND	ND	NA	NA	NA	NA	NA	30
m,p-Xylene	ND	ND	NA	NA	NA	NA	NA	30
o-Xylene	ND	ND	NA	NA	NA	NA	NA	30
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
Surrogate:								
Fluorobenzene				95	90	70-132		

SPIKE BLANKS

Laboratory ID:	SB0819S1								
	SB	SBD	SB	SBD	SB	SBD			
Benzene	0.852	0.918	1.00	1.00	85	92	71-125	7	11
Toluene	0.869	0.927	1.00	1.00	87	93	77-125	6	11
Ethyl Benzene	0.859	0.905	1.00	1.00	86	91	76-125	5	10
m,p-Xylene	0.869	0.910	1.00	1.00	87	91	78-124	5	9
o-Xylene	0.868	0.892	1.00	1.00	87	89	77-123	3	9
Surrogate:									
Fluorobenzene					88	94	70-132		

Date of Report: August 21, 2012
 Samples Submitted: August 17, 2012
 Laboratory Reference: 1208-145
 Project: 62401

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Test Pit #1:8					
Laboratory ID:	08-145-10					
Diesel Range Organics	ND	140	NWTPH-Dx	8-20-12	8-20-12	
Lube Oil Range Organics	ND	280	NWTPH-Dx	8-20-12	8-20-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	73	50-150				

Date of Report: August 21, 2012
 Samples Submitted: August 17, 2012
 Laboratory Reference: 1208-145
 Project: 62401

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0820S1					
Diesel Range Organics	ND	25	NWTPH-Dx	8-20-12	8-20-12	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-20-12	8-20-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	94	50-150				

Analyte	Result		Percent		Recovery	RPD	RPD	Flags
			Recovery	Limits	Limits		Limit	
DUPLICATE								
Laboratory ID:	08-145-10							
	ORIG	DUP						
Diesel Range Organics	ND	ND					NA	NA
Lube Oil Range Organics	ND	ND					NA	NA
Surrogate:								
o-Terphenyl			73	79	50-150			

Date of Report: August 21, 2012
Samples Submitted: August 17, 2012
Laboratory Reference: 1208-145
Project: 62401

% MOISTURE

Date Analyzed: 8-17&19-12

Client ID	Lab ID	% Moisture
AOPC1-1:6	08-145-01	6
AOPC1-2:6	08-145-02	5
AOPC1-3:6	08-145-03	14
AOPC1-4:6	08-145-04	24
AOPC1-5:6	08-145-05	20
AOPC1-6:6	08-145-06	73
AOPC1-7:6	08-145-07	23
AOPC1-8:6	08-145-08	15
AOPC1-9:9	08-145-09	18
Test Pit #1:8	08-145-10	82



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



Analytical Laboratory Testing Services
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Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Page 1 of 1

Company: Environmental Partners
Project Number: 62401
Project Name: BUSS LLC
Project Manager: Greg McCormick
Sampled by: M. Connel

Turnaround Request (in working days)	Laboratory Number: 08-145																
(Check One) ☒ Same Day ☐ 2 Days ☐ 3 Days ☐ Standard (7 Days) (TPH analysis 5 Days) ☐ _____ (other)	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	NWTPH	NWTPH	NWTPH	NWTPH	Volatiles	Halogenated	Semivolatiles (with PAHs)	PAHs	PCBs	Organochlorine	Organophosphorus	Chlorinated	Total R	Total M	TCLP	HEM (oil & grease)	% Moisture	
1	AOPC1-1:6	8/17/12	12:45	S	2		X																X
2	AOPC1-2:6		12:50	S	2		X																
3	AOPC1-3:6		1:00	S	2		X																
4	AOPC1-4:6		1:10	S	2		X																
5	AOPC1-5:6		1:20	S	2		X																
6	AOPC1-6:6		1:30	S	2		X																
7	AOPC1-7:6		1:40	S	2		X																
8	AOPC1-8:6		2:00	S	2		X																
9	AOPC1-9:9		2:30	S	2		X																
10	Test Pit #1:8		1:35	S	2		X	X															

Signature	Company	Date	Time	Comments/Special Instructions
<u>M. Connel</u>	<u>EPI</u>	<u>8/17/12</u>	<u>4:10</u>	
<u>[Signature]</u>	<u>OSE</u>	<u>8/17/12</u>	<u>1610</u>	
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date	Chromatograms with final report ☐		



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 18, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401
Laboratory Reference No. 1208-122

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on August 15, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", followed by a long horizontal flourish.

David Baumeister
Project Manager

Enclosures

Date of Report: August 18, 2012
Samples Submitted: August 15, 2012
Laboratory Reference: 1208-122
Project: 62401

Case Narrative

Samples were collected on August 15, 2012 and received by the laboratory on August 15, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

NWTPH Gx/BTEX Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: August 18, 2012
 Samples Submitted: August 15, 2012
 Laboratory Reference: 1208-122
 Project: 62401

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: Test Pit #2-North:4						
Laboratory ID:	08-122-02					
Benzene	ND	0.020	EPA 8021	8-16-12	8-16-12	
Toluene	ND	0.057	EPA 8021	8-16-12	8-16-12	
Ethyl Benzene	ND	0.057	EPA 8021	8-16-12	8-16-12	
m,p-Xylene	ND	0.057	EPA 8021	8-16-12	8-16-12	
o-Xylene	ND	0.057	EPA 8021	8-16-12	8-16-12	
Gasoline	ND	5.7	NWTPH-Gx	8-16-12	8-16-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	84	70-132				
Client ID: Test Pit #2-North:7						
Laboratory ID:	08-122-03					
Benzene	ND	0.020	EPA 8021	8-16-12	8-16-12	
Toluene	ND	0.047	EPA 8021	8-16-12	8-16-12	
Ethyl Benzene	ND	0.047	EPA 8021	8-16-12	8-16-12	
m,p-Xylene	ND	0.047	EPA 8021	8-16-12	8-16-12	
o-Xylene	ND	0.047	EPA 8021	8-16-12	8-16-12	
Gasoline	ND	4.7	NWTPH-Gx	8-16-12	8-16-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	93	70-132				
Client ID: Test Pit #2-North:10						
Laboratory ID:	08-122-04					
Benzene	ND	0.020	EPA 8021	8-16-12	8-16-12	
Toluene	ND	0.044	EPA 8021	8-16-12	8-16-12	
Ethyl Benzene	ND	0.044	EPA 8021	8-16-12	8-16-12	
m,p-Xylene	ND	0.044	EPA 8021	8-16-12	8-16-12	
o-Xylene	ND	0.044	EPA 8021	8-16-12	8-16-12	
Gasoline	ND	4.4	NWTPH-Gx	8-16-12	8-16-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	90	70-132				

Date of Report: August 18, 2012
 Samples Submitted: August 15, 2012
 Laboratory Reference: 1208-122
 Project: 62401

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: Test Pit #2-Mid:7						
Laboratory ID: 08-122-05						
Benzene	0.93	0.038	EPA 8021	8-16-12	8-16-12	
Toluene	ND	0.19	EPA 8021	8-16-12	8-16-12	
Ethyl Benzene	3.0	0.19	EPA 8021	8-16-12	8-16-12	
m,p-Xylene	8.7	0.19	EPA 8021	8-16-12	8-16-12	
o-Xylene	1.3	0.19	EPA 8021	8-16-12	8-16-12	
Gasoline	310	19	NWTPH-Gx	8-16-12	8-16-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>98</i>	<i>70-132</i>				
Client ID: Test Pit #2-South:6						
Laboratory ID: 08-122-06						
Benzene	0.082	0.020	EPA 8021	8-16-12	8-16-12	
Toluene	ND	0.080	EPA 8021	8-16-12	8-16-12	
Ethyl Benzene	0.14	0.080	EPA 8021	8-16-12	8-16-12	
m,p-Xylene	0.16	0.080	EPA 8021	8-16-12	8-16-12	
o-Xylene	ND	0.080	EPA 8021	8-16-12	8-16-12	
Gasoline	21	8.0	NWTPH-Gx	8-16-12	8-16-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Fluorobenzene</i>	<i>99</i>	<i>70-132</i>				

Date of Report: August 18, 2012
 Samples Submitted: August 15, 2012
 Laboratory Reference: 1208-122
 Project: 62401

**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0816S1					
Benzene	ND	0.020	EPA 8021	8-16-12	8-16-12	
Toluene	ND	0.050	EPA 8021	8-16-12	8-16-12	
Ethyl Benzene	ND	0.050	EPA 8021	8-16-12	8-16-12	
m,p-Xylene	ND	0.050	EPA 8021	8-16-12	8-16-12	
o-Xylene	ND	0.050	EPA 8021	8-16-12	8-16-12	
Gasoline	ND	5.0	NWTPH-Gx	8-16-12	8-16-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	89	70-132				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-122-04							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
Toluene	ND	ND	NA	NA	NA	NA	NA	30
Ethyl Benzene	ND	ND	NA	NA	NA	NA	NA	30
m,p-Xylene	ND	ND	NA	NA	NA	NA	NA	30
o-Xylene	ND	ND	NA	NA	NA	NA	NA	30
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
Surrogate:								
Fluorobenzene				90	88	70-132		

SPIKE BLANKS

Laboratory ID:	SB0816S1									
	SB	SBD	SB	SBD	SB	SBD				
Benzene	0.883	0.929	1.00	1.00	88	93	71-125	5	11	
Toluene	0.893	0.941	1.00	1.00	89	94	77-125	5	11	
Ethyl Benzene	0.892	0.941	1.00	1.00	89	94	76-125	5	10	
m,p-Xylene	0.899	0.949	1.00	1.00	90	95	78-124	5	9	
o-Xylene	0.901	0.950	1.00	1.00	90	95	77-123	5	9	
Surrogate:										
Fluorobenzene					94	97	70-132			

Date of Report: August 18, 2012
 Samples Submitted: August 15, 2012
 Laboratory Reference: 1208-122
 Project: 62401

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC2-Water					
Laboratory ID:	08-122-01					
Diesel Range Organics	6.1	0.27	NWTPH-Dx	8-16-12	8-16-12	
Lube Oil	1.3	0.43	NWTPH-Dx	8-16-12	8-16-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>102</i>	<i>50-150</i>				

Date of Report: August 18, 2012
 Samples Submitted: August 15, 2012
 Laboratory Reference: 1208-122
 Project: 62401

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Water
 Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0816W1					
Diesel Range Organics	ND	0.25	NWTPH-Dx	8-16-12	8-16-12	
Lube Oil Range Organics	ND	0.40	NWTPH-Dx	8-16-12	8-16-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	108	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-107-03							
	ORIG	DUP						
Diesel Range Organics	ND	ND					NA	NA
Lube Oil Range Organics	ND	ND					NA	NA
Surrogate:								
o-Terphenyl			71	59	50-150			

Date of Report: August 18, 2012
Samples Submitted: August 15, 2012
Laboratory Reference: 1208-122
Project: 62401

% MOISTURE

Date Analyzed: 8-15-12

Client ID	Lab ID	% Moisture
Test Pit #2-North:4	08-122-02	21
Test Pit #2-North:7	08-122-03	22
Test Pit #2-North:10	08-122-04	16
Test Pit #2-Mid:7	08-122-05	13
Test Pit #2-South:6	08-122-06	10



Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B - The analyte indicated was also found in the blank sample.
- C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E - The value reported exceeds the quantitation range and is an estimate.
- F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I - Compound recovery is outside of the control limits.
- J - The value reported was below the practical quantitation limit. The value is an estimate.
- K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L - The RPD is outside of the control limits.
- M - Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N - Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 - Hydrocarbons in diesel range are impacting lube oil range results.
- O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P - The RPD of the detected concentrations between the two columns is greater than 40.
- Q - Surrogate recovery is outside of the control limits.
- S - Surrogate recovery data is not available due to the necessary dilution of the sample.
- T - The sample chromatogram is not similar to a typical _____.
- U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 - The practical quantitation limit is elevated due to interferences present in the sample.
- V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X - Sample extract treated with a mercury cleanup procedure.
- Y - Sample extract treated with an acid/silica gel cleanup procedure.
- Z -
- ND - Not Detected at PQL
- PQL - Practical Quantitation Limit
- RPD - Relative Percent Difference



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08-122

Company:	Environmental Partners, Inc.
Project Number:	62401
Project Name:	Buss LLC - Bellevue
Project Manager:	Greg McCormick
Sampled by:	Greg McCormick

[illegible]



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August 15, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project Buss LLC 62401
Laboratory Reference No. 1208-101

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on August 14, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal line extending to the right.

David Baumeister
Project Manager

Enclosures

Date of Report: August 15, 2012
Samples Submitted: August 14, 2012
Laboratory Reference: 1208-101
Project: Buss LLC 62401

Case Narrative

Samples were collected on August 14, 2012 and received by the laboratory on August 14, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: August 15, 2012
 Samples Submitted: August 14, 2012
 Laboratory Reference: 1208-101
 Project: Buss LLC 62401

NWTPH-Dx
 (with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID: Test Pit #1:7(Base)						
Laboratory ID:	08-101-01					
Diesel Range Organics	640	200	NWTPH-Dx	8-14-12	8-15-12	N
Lube Oil	4800	400	NWTPH-Dx	8-14-12	8-15-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	95	50-150				
Client ID: Test Pit #1:North						
Laboratory ID:	08-101-02					
Diesel Range Organics	63	31	NWTPH-Dx	8-14-12	8-14-12	N
Lube Oil	440	63	NWTPH-Dx	8-14-12	8-14-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	98	50-150				
Client ID: Test Pit #1:East						
Laboratory ID:	08-101-03					
Diesel Range Organics	48	33	NWTPH-Dx	8-14-12	8-15-12	N
Lube Oil	210	65	NWTPH-Dx	8-14-12	8-15-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	78	50-150				
Client ID: AOPC2-9:5						
Laboratory ID:	08-101-04					
Diesel Range Organics	210	27	NWTPH-Dx	8-14-12	8-14-12	
Lube Oil	480	53	NWTPH-Dx	8-14-12	8-14-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	100	50-150				
Client ID: AOPC2-10:5						
Laboratory ID:	08-101-05					
Diesel Range Organics	ND	27	NWTPH-Dx	8-14-12	8-14-12	
Lube Oil	54	53	NWTPH-Dx	8-14-12	8-14-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	91	50-150				
Client ID: AOPC2-11:5						
Laboratory ID:	08-101-06					
Diesel Range Organics	ND	27	NWTPH-Dx	8-14-12	8-14-12	
Lube Oil Range Organics	ND	54	NWTPH-Dx	8-14-12	8-14-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	93	50-150				
Client ID: AOPC2-12:7						
Laboratory ID:	08-101-07					
Diesel Range Organics	190	30	NWTPH-Dx	8-14-12	8-14-12	
Lube Oil	250	59	NWTPH-Dx	8-14-12	8-14-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	130	50-150				

Date of Report: August 15, 2012
 Samples Submitted: August 14, 2012
 Laboratory Reference: 1208-101
 Project: Buss LLC 62401

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0814S3					
Diesel Range Organics	ND	25	NWTPH-Dx	8-14-12	8-14-12	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-14-12	8-14-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	118	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-101-04							
	ORIG	DUP						
Diesel Range Organics	199	223					11	NA
Lube Oil	450	401					12	NA
Surrogate:								
o-Terphenyl			100	100	50-150			

Date of Report: August 15, 2012
Samples Submitted: August 14, 2012
Laboratory Reference: 1208-101
Project: Buss LLC 62401

% MOISTURE

Date Analyzed: 8-14-12

Client ID	Lab ID	% Moisture
Test Pit #1:7(Base)	08-101-01	37
Test Pit #1:North	08-101-02	20
Test Pit #1:East	08-101-03	24
AOPC2-9:5	08-101-04	6
AOPC2-10:5	08-101-05	6
AOPC2-11:5	08-101-06	7
AOPC2-12:7	08-101-07	15



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



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Analytical Laboratory Testing Services

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Chain of Custody

Page 1 of 1

Company: Environmental Partners Inc

Project Number: Buss LLC 62401

Project Name: Buss LLC-Bellevue, WA

Project Manager: Greg McCormick

Sampled by: Greg McCormick

Turnaround Request (in working days)				Laboratory Number: 08-101															
(Check One)																			
☐ Same Day				☒ 1 Day															
☐ 2 Days				☐ 3 Days															
☐ Standard (7 Days) (TPH analysis 5 Days)																			
☐ _____ (other)																			

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	NWTPH	NWTPH	NWTPH	NWTPH	Volatiles	Halogenes	Semivolatiles (with low PAHs 8)	PCBs 8	Organochlorine	Organophosphorus	Chlorine	Total RCRA	Total MTCA	TCLP Metals	HEM (oil and grease)							% Moisture
1	Test Pit #1 : 7 (Base)	8/14/12	11:30	S	1					X																	X
2	Test Pit #1 : North		11:35	S	1					X																	X
3	Test Pit #1 : East		11:40	S	1					X																	X
4	AOPC2-9:5		12:30	S	1					X																	X
5	AOPC2-10:5		12:35	S	1					X																	X
6	AOPC2-11:5		12:40	S	1					X																	X
7	AOPC2-12:7		12:45	S	1					X																	X

Signature	Company	Date	Time	Comments/Special Instructions
<u>Greg McCormick</u>	<u>Environmental Partners</u>	<u>8/14/12</u>	<u>2:15</u>	
<u>[Signature]</u>	<u>OSE</u>	<u>8/14/12</u>	<u>2:15</u>	
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date	Chromatograms with final report ☐		



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August 14, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project Buss LLC
Laboratory Reference No. 1208-096

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on August 13, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", followed by a long horizontal flourish.

David Baumeister
Project Manager

Enclosures

Date of Report: August 14, 2012
Samples Submitted: August 13, 2012
Laboratory Reference: 1208-096
Project: Buss LLC

Case Narrative

Samples were collected on August 13, 2012 and received by the laboratory on August 13, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Date of Report: August 14, 2012
 Samples Submitted: August 13, 2012
 Laboratory Reference: 1208-096
 Project: Buss LLC

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC2-2:5					
Laboratory ID:	08-096-01					
Diesel Range Organics	ND	75	NWTPH-Dx	8-14-12	8-14-12	
Lube Oil Range Organics	ND	150	NWTPH-Dx	8-14-12	8-14-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	71	50-150				

Client ID:	AOPC2-3:5					
Laboratory ID:	08-096-02					
Diesel Range Organics	ND	32	NWTPH-Dx	8-14-12	8-14-12	
Lube Oil Range Organics	ND	64	NWTPH-Dx	8-14-12	8-14-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	82	50-150				

Client ID:	AOPC2-4:5					
Laboratory ID:	08-096-03					
Diesel Range Organics	ND	32	NWTPH-Dx	8-14-12	8-14-12	
Lube Oil Range Organics	ND	64	NWTPH-Dx	8-14-12	8-14-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	76	50-150				

Client ID:	AOPC2-5:5					
Laboratory ID:	08-096-04					
Diesel Range Organics	130	74	NWTPH-Dx	8-14-12	8-14-12	
Lube Oil Range Organics	ND	150	NWTPH-Dx	8-14-12	8-14-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	98	50-150				

Client ID:	AOPC2-6:7					
Laboratory ID:	08-096-05					
Diesel Range Organics	110	77	NWTPH-Dx	8-14-12	8-14-12	
Lube Oil Range Organics	ND	150	NWTPH-Dx	8-14-12	8-14-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	80	50-150				

Client ID:	AOPC2-7:7					
Laboratory ID:	08-096-06					
Diesel Range Organics	ND	98	NWTPH-Dx	8-14-12	8-14-12	
Lube Oil Range Organics	ND	200	NWTPH-Dx	8-14-12	8-14-12	
Surrogate:	Percent Recovery	Control Limits				
<i>o</i> -Terphenyl	70	50-150				

Date of Report: August 14, 2012
 Samples Submitted: August 13, 2012
 Laboratory Reference: 1208-096
 Project: Buss LLC

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC2-8:5					
Laboratory ID:	08-096-07					
Diesel Range Organics	120	41	NWTPH-Dx	8-14-12	8-14-12	
Lube Oil Range Organics	ND	82	NWTPH-Dx	8-14-12	8-14-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	<i>81</i>	<i>50-150</i>				

Date of Report: August 14, 2012
 Samples Submitted: August 13, 2012
 Laboratory Reference: 1208-096
 Project: Buss LLC

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0814S3					
Diesel Range Organics	ND	25	NWTPH-Dx	8-14-12	8-14-12	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-14-12	8-14-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	118	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-096-01							
	ORIG	DUP						
Diesel Range Organics	ND	ND				NA	NA	
Lube Oil Range Organics	ND	ND				NA	NA	
Surrogate:								
o-Terphenyl			71	84	50-150			

Date of Report: August 14, 2012
Samples Submitted: August 13, 2012
Laboratory Reference: 1208-096
Project: Buss LLC

% MOISTURE

Date Analyzed: 8-13-12

Client ID	Lab ID	% Moisture
AOPC2-2:5	08-096-01	67
AOPC2-3:5	08-096-02	22
AOPC2-4:5	08-096-03	22
AOPC2-5:5	08-096-04	66
AOPC2-6:7	08-096-05	68
AOPC2-7:7	08-096-06	75
AOPC2-8:5	08-096-07	39



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



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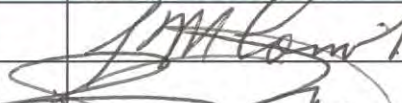
Company: Environmental Partners, Inc.
Project Number: BUSS LLC
Project Name: Greg McCormick
Project Manager: Greg McCormick
Sampled by:

Laboratory Number:

08-096

☒ Same Day
 ☒ 1 Day
☐ 2 Days
 ☐ 3 Days
☐ Standard (7 Days) (TPH analysis 5 Days)
☐ _____
 (other)

[illegible]

	Signature	Company	Date	Time	Comments/Special Instructions
Relinquished		EPI	8/13/12	4:00	
Received		OSite EA	8/13/12	1:00	
Relinquished					
Received					
Relinquished					
Received					
Reviewed/Date	Reviewed/Date		Chromatograms with final report ☐		



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August 14, 2012

Greg McCormick
Environmental Partners, Inc.
295 NE Gilman Blvd, Suite 201
Issaquah, WA 98027

Re: Analytical Data for Project 62401
Laboratory Reference No. 1208-089

Dear Greg:

Enclosed are the analytical results and associated quality control data for samples submitted on August 10, 2012.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", followed by a long horizontal flourish.

David Baumeister
Project Manager

Enclosures

Date of Report: August 14, 2012
Samples Submitted: August 10, 2012
Laboratory Reference: 1208-089
Project: 62401

Case Narrative

Samples were collected on August 9 and 10, 2012 and received by the laboratory on August 10, 2012. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Halogenated Volatiles EPA 8260B Analysis

Per EPA Method 5035A (except as noted below), samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Method 5035A VOA vials were not provided for sample Trench-SWC:6. The sample was therefore extracted from a 4-ounce jar and analyzed. Some loss of volatiles may have occurred.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: August 14, 2012
 Samples Submitted: August 10, 2012
 Laboratory Reference: 1208-089
 Project: 62401

NWTPH-Gx/BTEX

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC1-2:7					
Laboratory ID:	08-089-01					
Benzene	1.1	0.020	EPA 8021	8-10-12	8-10-12	
Toluene	ND	0.097	EPA 8021	8-10-12	8-10-12	
Ethyl Benzene	1.1	0.097	EPA 8021	8-10-12	8-10-12	
m,p-Xylene	2.6	0.097	EPA 8021	8-10-12	8-10-12	
o-Xylene	0.42	0.097	EPA 8021	8-10-12	8-10-12	
Gasoline	370	9.7	NWTPH-Gx	8-10-12	8-10-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	97	70-132				
Client ID:	Trench-SWC:6					
Laboratory ID:	08-089-02					
Benzene	ND	0.023	EPA 8021	8-10-12	8-10-12	
Toluene	ND	0.12	EPA 8021	8-10-12	8-10-12	
Ethyl Benzene	ND	0.12	EPA 8021	8-10-12	8-10-12	
m,p-Xylene	ND	0.12	EPA 8021	8-10-12	8-10-12	
o-Xylene	ND	0.12	EPA 8021	8-10-12	8-10-12	
Gasoline	ND	12	NWTPH-Gx	8-10-12	8-10-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	84	70-132				

Date of Report: August 14, 2012
 Samples Submitted: August 10, 2012
 Laboratory Reference: 1208-089
 Project: 62401

**NWTPH-Gx/BTEX
 QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0810S1					
Benzene	ND	0.020	EPA 8021	8-10-12	8-10-12	
Toluene	ND	0.050	EPA 8021	8-10-12	8-10-12	
Ethyl Benzene	ND	0.050	EPA 8021	8-10-12	8-10-12	
m,p-Xylene	ND	0.050	EPA 8021	8-10-12	8-10-12	
o-Xylene	ND	0.050	EPA 8021	8-10-12	8-10-12	
Gasoline	ND	5.0	NWTPH-Gx	8-10-12	8-10-12	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	93	70-132				

Analyte	Result	Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-066-01							
	ORIG	DUP						
Benzene	ND	ND	NA	NA	NA	NA	NA	30
Toluene	ND	ND	NA	NA	NA	NA	NA	30
Ethyl Benzene	ND	ND	NA	NA	NA	NA	NA	30
m,p-Xylene	ND	ND	NA	NA	NA	NA	NA	30
o-Xylene	ND	ND	NA	NA	NA	NA	NA	30
Gasoline	ND	ND	NA	NA	NA	NA	NA	30
Surrogate:								
Fluorobenzene				98	97	70-132		

SPIKE BLANKS

Laboratory ID:	SB0810S1									
	SB	SBD	SB	SBD	SB	SBD				
Benzene	0.857	0.800	1.00	1.00	86	80	71-125	7	11	
Toluene	0.875	0.815	1.00	1.00	88	82	77-125	7	11	
Ethyl Benzene	0.876	0.813	1.00	1.00	88	81	76-125	7	10	
m,p-Xylene	0.893	0.833	1.00	1.00	89	83	78-124	7	9	
o-Xylene	0.898	0.845	1.00	1.00	90	85	77-123	6	9	
Surrogate:										
Fluorobenzene					92	83	70-132			

Date of Report: August 14, 2012
 Samples Submitted: August 10, 2012
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 Project: 62401

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	AOPC1-2:7					
Laboratory ID:	08-089-01					
Diesel Range Organics	58	28	NWTPH-Dx	8-10-12	8-13-12	M
Lube Oil	87	55	NWTPH-Dx	8-10-12	8-13-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	83	50-150				

Client ID:	Trench-SWC:6					
Laboratory ID:	08-089-02					
Diesel Range Organics	ND	36	NWTPH-Dx	8-10-12	8-13-12	
Lube Oil Range Organics	74	72	NWTPH-Dx	8-10-12	8-13-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	96	50-150				

Client ID:	Trench-South:5					
Laboratory ID:	08-089-03					
Diesel Range Organics	1900	42	NWTPH-Dx	8-10-12	8-13-12	
Lube Oil	190	84	NWTPH-Dx	8-10-12	8-13-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	125	50-150				

Client ID:	Trench-North:4					
Laboratory ID:	08-089-04					
Diesel Range Organics	1100	37	NWTPH-Dx	8-10-12	8-13-12	
Lube Oil	120	74	NWTPH-Dx	8-10-12	8-13-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	101	50-150				

Client ID:	Trench-NWC:7					
Laboratory ID:	08-089-05					
Diesel Range Organics	ND	44	NWTPH-Dx	8-10-12	8-13-12	
Lube Oil Range Organics	ND	88	NWTPH-Dx	8-10-12	8-13-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	92	50-150				

Client ID:	Trench-SEC:5					
Laboratory ID:	08-089-06					
Diesel Range Organics	980	190	NWTPH-Dx	8-10-12	8-13-12	N
Lube Oil	6200	370	NWTPH-Dx	8-10-12	8-13-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>o-Terphenyl</i>	113	50-150				

Date of Report: August 14, 2012
 Samples Submitted: August 10, 2012
 Laboratory Reference: 1208-089
 Project: 62401

NWTPH-Dx
(with acid/silica gel clean-up)

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Trench-NEC:5					
Laboratory ID:	08-089-07					
Diesel Range Organics	4300	37	NWTPH-Dx	8-10-12	8-13-12	
Lube Oil	350	75	NWTPH-Dx	8-10-12	8-13-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	84	50-150				
Client ID:	Trench-East Base:8					
Laboratory ID:	08-089-08					
Diesel Range Organics	ND	31	NWTPH-Dx	8-10-12	8-13-12	
Lube Oil Range Organics	ND	62	NWTPH-Dx	8-10-12	8-13-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	87	50-150				
Client ID:	Test Pit #1:6					
Laboratory ID:	08-089-09					
Diesel Range Organics	ND	780	NWTPH-Dx	8-10-12	8-13-12	U1
Lube Oil	5000	410	NWTPH-Dx	8-10-12	8-13-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	89	50-150				

Date of Report: August 14, 2012
 Samples Submitted: August 10, 2012
 Laboratory Reference: 1208-089
 Project: 62401

**NWTPH-Dx
 QUALITY CONTROL
 (with acid/silica gel clean-up)**

Matrix: Soil
 Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0810S1					
Diesel Range Organics	ND	25	NWTPH-Dx	8-10-12	8-13-12	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-10-12	8-13-12	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	115	50-150				

Analyte	Result		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE								
Laboratory ID:	08-089-01							
	ORIG	DUP						
Diesel Range Organics	52.2	44.7				15	NA	M
Lube Oil	79.1	77.4				2	NA	
Surrogate:								
o-Terphenyl			83	77	50-150			

Date of Report: August 14, 2012
 Samples Submitted: August 10, 2012
 Laboratory Reference: 1208-089
 Project: 62401

HALOGENATED VOLATILES by EPA 8260B
 page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Trench-SWC:6					
Laboratory ID:	08-089-02					
Dichlorodifluoromethane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
Chloromethane	ND	0.0073	EPA 8260	8-10-12	8-10-12	
Vinyl Chloride	ND	0.0015	EPA 8260	8-10-12	8-10-12	
Bromomethane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
Chloroethane	ND	0.0073	EPA 8260	8-10-12	8-10-12	
Trichlorofluoromethane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
1,1-Dichloroethene	ND	0.0015	EPA 8260	8-10-12	8-10-12	
Iodomethane	ND	0.0073	EPA 8260	8-10-12	8-10-12	
Methylene Chloride	ND	0.0073	EPA 8260	8-10-12	8-10-12	
(trans) 1,2-Dichloroethene	ND	0.0015	EPA 8260	8-10-12	8-10-12	
1,1-Dichloroethane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
2,2-Dichloropropane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
(cis) 1,2-Dichloroethene	ND	0.0015	EPA 8260	8-10-12	8-10-12	
Bromochloromethane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
Chloroform	ND	0.0015	EPA 8260	8-10-12	8-10-12	
1,1,1-Trichloroethane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
Carbon Tetrachloride	ND	0.0015	EPA 8260	8-10-12	8-10-12	
1,1-Dichloropropene	ND	0.0015	EPA 8260	8-10-12	8-10-12	
1,2-Dichloroethane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
Trichloroethene	ND	0.0015	EPA 8260	8-10-12	8-10-12	
1,2-Dichloropropane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
Dibromomethane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
Bromodichloromethane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
2-Chloroethyl Vinyl Ether	ND	0.0073	EPA 8260	8-10-12	8-10-12	
(cis) 1,3-Dichloropropene	ND	0.0015	EPA 8260	8-10-12	8-10-12	
(trans) 1,3-Dichloropropene	ND	0.0015	EPA 8260	8-10-12	8-10-12	

Date of Report: August 14, 2012
 Samples Submitted: August 10, 2012
 Laboratory Reference: 1208-089
 Project: 62401

HALOGENATED VOLATILES by EPA 8260B
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	Trench-SWC:6					
Laboratory ID:	08-089-02					
1,1,2-Trichloroethane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
Tetrachloroethene	ND	0.0015	EPA 8260	8-10-12	8-10-12	
1,3-Dichloropropane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
Dibromochloromethane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
1,2-Dibromoethane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
Chlorobenzene	ND	0.0015	EPA 8260	8-10-12	8-10-12	
1,1,1,2-Tetrachloroethane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
Bromoform	ND	0.0015	EPA 8260	8-10-12	8-10-12	
Bromobenzene	ND	0.0015	EPA 8260	8-10-12	8-10-12	
1,1,2,2-Tetrachloroethane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
1,2,3-Trichloropropane	ND	0.0015	EPA 8260	8-10-12	8-10-12	
2-Chlorotoluene	ND	0.0015	EPA 8260	8-10-12	8-10-12	
4-Chlorotoluene	ND	0.0015	EPA 8260	8-10-12	8-10-12	
1,3-Dichlorobenzene	ND	0.0015	EPA 8260	8-10-12	8-10-12	
1,4-Dichlorobenzene	ND	0.0015	EPA 8260	8-10-12	8-10-12	
1,2-Dichlorobenzene	ND	0.0015	EPA 8260	8-10-12	8-10-12	
1,2-Dibromo-3-chloropropane	ND	0.0073	EPA 8260	8-10-12	8-10-12	
1,2,4-Trichlorobenzene	ND	0.0015	EPA 8260	8-10-12	8-10-12	
Hexachlorobutadiene	ND	0.0073	EPA 8260	8-10-12	8-10-12	
1,2,3-Trichlorobenzene	ND	0.0015	EPA 8260	8-10-12	8-10-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>113</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>106</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>84</i>	<i>52-125</i>				

Date of Report: August 14, 2012
 Samples Submitted: August 10, 2012
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HALOGENATED VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

Page 1 of 2

Matrix: Soil
 Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0810S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
Chloromethane	ND	0.0050	EPA 8260	8-10-12	8-10-12	
Vinyl Chloride	ND	0.0010	EPA 8260	8-10-12	8-10-12	
Bromomethane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
Chloroethane	ND	0.0050	EPA 8260	8-10-12	8-10-12	
Trichlorofluoromethane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
1,1-Dichloroethene	ND	0.0010	EPA 8260	8-10-12	8-10-12	
Iodomethane	ND	0.0050	EPA 8260	8-10-12	8-10-12	
Methylene Chloride	ND	0.0050	EPA 8260	8-10-12	8-10-12	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-10-12	8-10-12	
1,1-Dichloroethane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
2,2-Dichloropropane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260	8-10-12	8-10-12	
Bromochloromethane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
Chloroform	ND	0.0010	EPA 8260	8-10-12	8-10-12	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
Carbon Tetrachloride	ND	0.0010	EPA 8260	8-10-12	8-10-12	
1,1-Dichloropropene	ND	0.0010	EPA 8260	8-10-12	8-10-12	
1,2-Dichloroethane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
Trichloroethene	ND	0.0010	EPA 8260	8-10-12	8-10-12	
1,2-Dichloropropane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
Dibromomethane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
Bromodichloromethane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260	8-10-12	8-10-12	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-10-12	8-10-12	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260	8-10-12	8-10-12	

Date of Report: August 14, 2012
 Samples Submitted: August 10, 2012
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HALOGENATED VOLATILES by EPA 8260B
METHOD BLANK QUALITY CONTROL

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Laboratory ID:	MB0810S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
Tetrachloroethene	ND	0.0010	EPA 8260	8-10-12	8-10-12	
1,3-Dichloropropane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
Dibromochloromethane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
1,2-Dibromoethane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
Chlorobenzene	ND	0.0010	EPA 8260	8-10-12	8-10-12	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
Bromoform	ND	0.0010	EPA 8260	8-10-12	8-10-12	
Bromobenzene	ND	0.0010	EPA 8260	8-10-12	8-10-12	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260	8-10-12	8-10-12	
2-Chlorotoluene	ND	0.0010	EPA 8260	8-10-12	8-10-12	
4-Chlorotoluene	ND	0.0010	EPA 8260	8-10-12	8-10-12	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260	8-10-12	8-10-12	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260	8-10-12	8-10-12	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260	8-10-12	8-10-12	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260	8-10-12	8-10-12	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260	8-10-12	8-10-12	
Hexachlorobutadiene	ND	0.0050	EPA 8260	8-10-12	8-10-12	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260	8-10-12	8-10-12	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>				
<i>Dibromofluoromethane</i>	<i>115</i>	<i>63-127</i>				
<i>Toluene-d8</i>	<i>113</i>	<i>65-129</i>				
<i>4-Bromofluorobenzene</i>	<i>100</i>	<i>52-125</i>				

Date of Report: August 14, 2012
 Samples Submitted: August 10, 2012
 Laboratory Reference: 1208-089
 Project: 62401

**HALOGENATED VOLATILES by EPA 8260B
 SB/SBD QUALITY CONTROL**

Matrix: Soil
 Units: mg/kg

Analyte	Result		Spike Level		Percent		Recovery		RPD	
					Recovery		Limits		RPD	Limit
SPIKE BLANKS										
Laboratory ID:		SB0810S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0537	0.0615	0.0500	0.0500	107	123	65-141	14	15	
Benzene	0.0524	0.0596	0.0500	0.0500	105	119	69-121	13	15	
Trichloroethene	0.0488	0.0533	0.0500	0.0500	98	107	75-120	9	15	
Toluene	0.0493	0.0536	0.0500	0.0500	99	107	75-120	8	15	
Chlorobenzene	0.0461	0.0498	0.0500	0.0500	92	100	75-120	8	15	
Surrogate:										
Dibromofluoromethane					110	109	63-127			
Toluene-d8					106	104	65-129			
4-Bromofluorobenzene					96	93	52-125			

Date of Report: August 14, 2012
Samples Submitted: August 10, 2012
Laboratory Reference: 1208-089
Project: 62401

**TOTAL LEAD
EPA 6010B**

Matrix: Soil
Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	EPA Method	Prepared	Analyzed	Flags
Lab ID:	08-089-01					
Client ID:	AOPC1-2:7					
Lead	ND	5.5	6010B	8-13-12	8-13-12	

Date of Report: August 14, 2012
Samples Submitted: August 10, 2012
Laboratory Reference: 1208-089
Project: 62401

**TOTAL LEAD
EPA 6010B
METHOD BLANK QUALITY CONTROL**

Date Extracted: 8-13-12
Date Analyzed: 8-13-12

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: MB0813SM1

Analyte	Method	Result	PQL
Lead	6010B	ND	5.0

Date of Report: August 14, 2012
Samples Submitted: August 10, 2012
Laboratory Reference: 1208-089
Project: 62401

**TOTAL LEAD
EPA 6010B
DUPLICATE QUALITY CONTROL**

Date Extracted: 8-13-12

Date Analyzed: 8-13-12

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-090-01

Analyte	Sample Result	Duplicate Result	RPD	PQL	Flags
Lead	17.4	17.3	1	5.0	

Date of Report: August 14, 2012
Samples Submitted: August 10, 2012
Laboratory Reference: 1208-089
Project: 62401

**TOTAL LEAD
EPA 6010B
MS/MSD QUALITY CONTROL**

Date Extracted: 8-13-12

Date Analyzed: 8-13-12

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 08-090-01

Analyte	Spike Level	MS	Percent Recovery	MSD	Percent Recovery	RPD	Flags
Lead	250	264	98	263	98	0	

Date of Report: August 14, 2012
Samples Submitted: August 10, 2012
Laboratory Reference: 1208-089
Project: 62401

% MOISTURE

Date Analyzed: 8-10-12

Client ID	Lab ID	% Moisture
AOPC1-2:7	08-089-01	9
Trench-SWC:6	08-089-02	31
Trench-South:5	08-089-03	40
Trench-North:4	08-089-04	33
Trench-NWC:7	08-089-05	43
Trench-SEC:5	08-089-06	33
Trench-NEC:5	08-089-07	33
Trench-East Base:8	08-089-08	19
Test Pit #1:6	08-089-09	39



Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

Y - Sample extract treated with an acid/silica gel cleanup procedure.

Z -

ND - Not Detected at PQL

PQL - Practical Quantitation Limit

RPD - Relative Percent Difference



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Chain of Custody

Page 1 of 1

Laboratory Number:

08-089

Company: Environmental Partners Inc.
Project Number: 62401
Project Name: Buss LLC-Bellevue
Project Manager: Greg McCormick
Sampled by: Greg McCormick

Turnaround Request
(in working days)

(Check One)

- ☐ Same Day ☒ 1 Day
☐ 2 Days ☐ 3 Days
☐ Standard (7 Days) (TPH analysis 5 Days)

☐ _____ (other)

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	No. of Cont.	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx	Volatiles 8260B	Halogenated Volatiles 8260B	Semivolatiles 8270D (with low-level PAHs)	PAHs 8270D (low-level)	PCBs 8082	Organochlorine Pesticides 8081A	Organophosphorus Pesticides 8270D/SIM	Chlorinated Acid Herbicides 8151A	Total PCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	% Moisture	
1	AOPC1-2:7	8/9/12	9:15	S	4		X	X														X	X
2	Trench-SWC:6	8/10/12	1:30	S	4		X	X		X													
3	Trench-South:5	"	1:40	S	1				X														
4	Trench-North:4	"	1:35	S	1				X														
5	Trench-NWC:7	"	1:37	S	1				X														
6	Trench-SEC:5	"	1:45	S	1				X														
7	Trench-NEC:5	"	1:50	S	1				X														
8	Trench-East Base:8	"	1:55	S	1				X														
9	~~Trench Gmc~~																						
90	Test Pit #1:6	"	2:00	S	1				X														X

Signature	Company	Date	Time	Comments/Special Instructions
	EPI	8/10/12	3:20	
	OBE	8/16/12	1520	
Relinquished				
Received				
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date	Reviewed/Date	Chromatograms with final report ☐		

Attachment E
MTCASat Report for AOPC-1

Background data analysis

	A	B	C	D	E	F	G	H
1	DATA	ID					Paste values	Finished Exit MTCASat
2	0.04	AOPC1-4					Sort data	
3	0.027	AOPC1-9	Number of samples				Calculate UCL	
4	0.026	AOPC1-10	Uncensored	19	Mean	0.014	Lognormal	
5	0.020	AOPC1-6	Censored		Lognormal mean	0.014	Normal	
6	0.011	AOPC1-15	Detection limit or PQL		Std. devn.	0.008	Neither	
7	0.01	AOPC1-1	Method detection limit		Median	0.01	Clear messages	
8	0.01	AOPC1-2	TOTAL	19	Min.	0.01	Clear all	
9	0.01	AOPC1-3	ENTER DATA				Histogram	
10	0.01	AOPC1-5	Distribution Decision				5	
11	0.01	AOPC1-11					10	
12	0.01	AOPC1-12	Probability plot method				20	
13	0.01	AOPC1-13	W test				Create report	
14	0.01	AOPC1-14	D'Agostino's test				Sample size	
15	0.01	AOPC1-16	Lognormal distribution?					
16	0.01	AOPC1-17	r-squared is:					
17	0.01	AOPC1-18	Normal distribution?					
18	0.01	AOPC1-19	r-squared is:					
19	0.01	AOPC1-20	Recommendations:					
20	0.01	Test Pit #2-	Reject lognormal distribution.					
21			W value is 0.5661. This is less than the tabled value of 0.901					
22			Reject normal distribution.					
23			W value is 0.5565. This is less than the tabled value of 0.901					
24			Upper Confidence Limit (UCL)					
25								
26								
27			UCL (based on Z-statistic) is 0.017					
28								
29								