Montlake Apartments
Initial Remedial Investigation

2300 24th Avenue East, Seattle, Washington

Prepared for

Montlake Apartments, LLC
117 East Lousia #185
Seattle, WA 98102

Prepared by

Robinson Noble/Terraphase Engineering Inc.
17625 130th Avenue NE, Suite 102
Woodinville, Washington 98072

November 2, 2023

Project Number W068.001.001

File: T:\Projects\Environmental Projects\Danz\3551-002C 2300 24th Ave Montlake\Reports\Initial RI

ROBINSON NOBLE
a terraphase company

Contents

Acronyms and Abbreviations iv
Signatures vi
1 Introduction 1
2 Site Description 2
2.1 Geology 2
2.2 Hydrogeology 3
3 Previous Investigations 4
3.1 Subject Property (Site) Draft Phase I ESA 4
3.2 Adjacent and Nearby Cleanup Sites 5
3.2.1 Circle K 01461 5
3.2.2 Montlake Cleaners 5
3.2.3 Mason Apartments 6
3.2.4 Mobil 99MPB 7
3.3 Subject Property (Site) Phase II ESA 8
4 Current Remedial Investigation 10
4.1 Drilling 10
4.2 Soil Sampling and Analysis 11
4.3 Monitoring Well Construction 12
4.4 Potentiometric Surface Map Construction 13
4.5 Groundwater Sampling and Analysis 14
4.6 Sample Collection, Laboratory Analyses, and QA/QC 14
5 Site-Specific Cleanup Standards 15
6 Terrestrial Ecological Evaluation 15
7 EIM Submission 16
8 Summary of Findings 16
9 Data Gaps and Proposed Draft Work Plan 16
10 Limitations 18
11 References 18

Tables

1 Site and Contact Information
2 PCE Soil Analytical Results for Borings B1-B4
3 PCE and TCE Groundwater Analytical Results for Borings B1-B4
4 PCE Soil Analytical Results for Well Borings MW1-MW5
5 February 22, 2023 Groundwater Measurements
6 April 12, 2023 Groundwater Measurements
7 PCE and TCE Groundwater Analytical Results for MW1-MW5 (February 2023)

Figures

1 Vicinity Map
2 Site and Boring Location Map
3 Geologic Logs (B1 through B4)
4 MW-1 Construction Diagram and Geologic Log
5 MW-2 Construction Diagram and Geologic Log
6 MW-3 Construction Diagram and Geologic Log
7 MW-4 Construction Diagram and Geologic Log
8 MW-5 Construction Diagram and Geologic Log
9 February 2023 Potentiometric Surface Map
10 April 2023 Potentiometric Surface Map

Appendices

A Parcel Information
B Nearby Cleanup Site Summaries and Reports
C Laboratory Reports and Summary Tables
D Field Data Sheets

Acronyms and Abbreviations

ASTM	American Society for Testing and Materials
bgs	Below Ground Surface
Cis-1,2-DCE	Cis-1,2-dichloroethene
CSCSL	Confirmed and Suspected Contaminated Sites List
CUL	Cleanup Level
Ecology	Washington State Department of Ecology
EIM	Electronic Information Management
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
mg/kg	milligrams per kilogram
MSL	Mean Sea Level
MTBE	methyl tertiary-butyl ether
MTCA	Model Toxic Control Act
NFA	No Further Action
ORP	Oxygen Reduction Potential
PAH	Polycyclic Aromatic Hydrocarbon
PCE	Tetrachloroethene or Perchloroethene
PID	Photoionization Detector
PLIA	Pollution Liability Insurance Agency
QA/QC	Quality Assurance/Quality Control
Qob	Quaternary Olympia Beds
Qpf	Quaternary pre-Fraser deposits
Qpfc	Quaternary pre-Fraser deposits (coarse-grained)
Qpff	Quaternary pre-Fraser deposits (fine-grained)
REC	Recognized Environmental Condition
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
State	Washington State or Washington State Department of Ecology
SVE	Soil-Vapor Extraction
TCE	Tetrachloroethene
TEE	Terrestrial Ecological Evaluation
TOC	Top of Casing
TPH	Total Petroleum Hydrocarbons
Ug/L	micrograms per liter

USGS	United States Geological Survey
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program
VI	Vapor Intrusion
VOC	Volatile Organic Compound
WAC	Washington Administrative Code

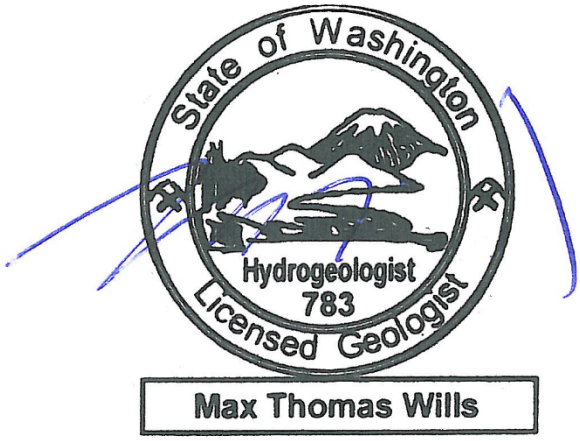
Signatures

All geologic and hydrogeologic information, conclusions, and recommendations provided in this document have been prepared under the responsible charge of a Licensed Washington Professional Hydrogeologist.

Max Wills, Principal Hydrogeologist, LHG

November 2, 2023

Date



1 Introduction

This initial remedial investigation (RI) was completed by Robinson Noble (a wholly owned subsidiary of Terraphase Engineering, Inc.) to evaluate subsurface conditions at the Montlake Apartments property located at 2300 24th Avenue East in Seattle, Washington (referred to herein as the site). A vicinity map is presented as Figure 1. An aerial showing the details of the site is presented as Figure 2.

This initial RI was specifically conducted to further investigate tetrachloroethene (PCE) contamination that was discovered at the site during the completion of a previous Phase I Environmental Site Assessment (ESA) and associated limited subsurface investigation (Robinson Noble, April 2022). As discussed below in Section 3, PCE was discovered during previous investigations in both soil and groundwater at concentrations above Model Toxic Control Act (MTCA) Method A soil and groundwater cleanup levels (CULs). Site investigations have also found low levels of trichloroethene (TCE) in the groundwater at the site, which is a common breakdown product of PCE. The source of the PCE contamination is not currently known but may be related to a dry cleaner (Montlake Dye Works - Clothes Pressers and Cleaners) that operated at the site in the 1930s and/or any one of several current or past dry cleaner operations on nearby properties (see Section 3).

The Montlake Apartments site is not currently listed on the Washington State Department of Ecology's (Ecology) Confirmed and Suspected Contaminated Sites List (CSCSL), or other cleanup site lists maintained by Ecology. Pertinent site and contact information are provided below in Table 1.

Table 1: Site and Contact Information

Site Information				
Site Name	Montlake Apartments			
Site Address	2300 24th Avenue East, Seattle, WA 98112			
Parcel No.	King County 6788201390			
Facility/Site No.	Not currently listed			
VCP No.	Not currently listed			
Contact Information				
Name		**Address**	**Phone**	**Email**
Owner (Representative)	Montlake Apartments, LLC (Ron Danz)	117 E. Lousia St. #185, Seattle, WA 98102	(425) 985-3570	Ron@ nwcrei.com
Consultant (Project Manager)	Robinson Noble (Max Wills)	17625 130th Ave NE STE 102, Woodinville, WA 98072	(206) 550-7215	Max.Wills@ Terraphase.com

The goal for the site is to obtain regulatory closure through the auspices of Ecology's voluntary cleanup program (VCP) and the issuance of a no-further-action determination (NFA) from the State. To this end, this initial RI is being submitted along with a VCP application and a request for a formal opinion from

Ecology regarding additional cleanup actions, if any, that will be necessary to obtain an NFA. It is understood that the cleanup actions completed to date at the site (and documented in this report) may not be sufficient to obtain an NFA, and that additional remedial actions may be necessary to facilitate final regulatory closure. It is expected, based on the site investigations completed to date, that some residual contamination may not be able to be completely removed, and the use of engineering and institutional controls may be required to obtain regulatory closure for the site. This initial RI is also being submitted to fulfill the property owner's reporting requirements for discovery of a release of hazardous materials under Chapter 173-340-300 WAC.

2 Site Description

The site is located in the Montlake neighborhood of Seattle just south of the University District and the Lake Washington Ship Canal (Figure 1). As shown on Figure 2, the site consists of one contiguous parcel listed by the King County Assessor as tax parcel number 6788201390. The address assigned to this parcel by the King County Assessor is 2300 24th Avenue East, Seattle, Washington 98112, but assessor records also show it is associated with addresses 2300 through 2308 24th Avenue East and 2400 through 2404 East Lynn Street. Parcel information obtained from the King County Assessor's website is included in Appendix A. The site is located specifically within the NW ¼ of Section 21, Township 25N, Range 04E (Willamette Meridian) and covers an area of approximately 0.28 acres (12,000 square feet).

The topography of the site is generally flat, occurs at an elevation of approximately 75 feet above MSL, and has a very slight slope downward to the northeast (toward the Ship Canal and Lake Washington). The surrounding topography steepens upward to the southwest (toward Capital Hill). There are no surface water bodies on the site. The closest surface water bodies are a marshland attached to Union Bay (Lake Washington) located approximately 0.3 miles northeast of the site, the Montlake Cut (Lake Washington Ship Canal) located approximately 0.5 miles north of the site, and Portage Bay located approximately 0.3 miles northwest of the site.

The site is currently developed with a U-shaped, two-story building that is constructed with wood, brick, and concrete. The site building has an unfinished basement that is used for storage. The building was originally constructed in 1914 and modified through 1936 into its current configuration. The building is occupied by the Montlake Apartments and several small retail stores, which include a coffee shop, a hair salon, and an investment firm. The footprint of the building covers the majority of the site with the exception of a central, open-air courtyard (see Figure 2). The building is surrounded by city-maintained sidewalks, and, with the exception of a few minor planter areas, the entirety of the site is covered by the building, asphalt, and/or concrete. The surrounding area is developed with similarly mixed-use structures, apartments, and single-family residences.

2.1 Geology

The USGS (Booth and others, 2009) maps the surface geology of the site and surrounding area as unconsolidated deposits of pre-Fraser glaciation age (Qpf). This is a generic designation for the materials

that occur stratigraphically below the better-defined Vashon sequence (i.e., Vashon recessional outwash, till, and advance outwash). For the area of the site, it is presumed that the Qpf has been exposed through erosion and/or some degree of non-deposition of the younger Vason deposits. The Qpf is described by the USGS as interbedded sands, gravels, silts, and diamicts of indeterminant age and origin. The USGS also describes the Qpf deposits as being very dense and hard. The Qpf is subdivided locally into coarse-grained deposits (Qpfc), which is predominately sands and gravels, and fine-grained deposits (Qpff), which is predominantly silts and clays.

To date, nine exploratory borings have been drilled at the site. Four borings (designated as B1 through B4) were drilled at the north end of the courtyard area during our 2022 limited subsurface investigation (see Section 3.3). For the current investigation, five additional well borings were drilled at the site and completed as monitoring wells (designated as MW-1 through MW-5; see Section 4). The boring and monitoring well locations are shown on Figure 2. Logs of the materials encountered in B1 through B4 are presented on Figure 3, and logs of the materials encountered in each of the monitoring wells are presented on Figures 4 through 8.

Borings B1 through B4 were drilled using direct-push drilling-methods to refusal, which occurred at a depth of 15 feet in each boring. As shown on Figure 3, the materials encountered in each of the borings consisted of a mixture of silts, sands, and gravels, which is generally consistent with the descriptions of the Qpf. The well borings for MW-1 through MW-5 were drilled using hollow-stem-auger drilling-methods to accommodate deeper drilling and the completion of monitoring wells. The monitoring well borings were drilled to depths of between 30 and 45 feet. As shown on Figures 4 through 8, drilling encountered various mixtures of silts, sands, and gravels that appeared to have been reworked or disturbed Qpf (fill) to depths ranging from 8 to 16 feet. The materials below the apparent fill, to depths of 21 to 23 feet, consisted of layered silts, sands, and occasional gravels, consistent with the Qpfc. The materials encountered below 21 to 23 feet, to the base of each boring, consisted of silt which was notably more compact. This is consistent with the USGS's local designation of the Qpff.

Workers on adjacent sites, specifically the former Montlake Dry Cleaner located directly east of the subject site across 24th Avenue East (See Section 3.2.2; Landau Associates, 2013), installed several deep monitoring wells to investigate a release of PCE. These monitoring wells, which were drilled to depths of up to 92 feet, encountered sequences of materials similar to those encountered in the upper portion of Robinson Noble's borings (Qpfc-like materials to depths of 18 feet underlain by Qpff-like materials). Landau's deeper borings encountered Qpff (compact silts which they refer to as till) to depths of approximately 80 feet. The Qpff materials are reported to be underlain by a sequence of layered sands and organic silts that may represent the stratigraphically older Olympia Beds (Qob) described by the USGS (Booth and others, 2009).

2.2 Hydrogeology

During the installation of borings B1 through B4, groundwater was measured at depths of between 5 and 9 feet bgs, within the material defined above in Section 2.1 as fill. However, it appears, based on the subsequent drilling of monitoring wells MW-1 through MW-5, that the depths to groundwater

measured in the four initial direct-push borings do not accurately reflect actual depths to shallow groundwater.

During the drilling of monitoring wells MW-1 through MW-5, shallow groundwater was encountered in the lower half of the coarser Qpfc materials at depths of 12 to 13 feet bgs. The underlying Qpff (the compact silt below 23 feet) was dry, indicating that that the groundwater in the lower part of the Qpfc is perched on the Qpff. As discussed below in Section 4.4, on February 22, 2023, water levels were measured in each of the monitoring wells during the initial water sampling effort. Water levels were then used to create a local potentiometric surface map for the site. The February 2023 potentiometric surface map is presented as Figure 9. On April 12, 2023, water levels were again measured in each of the monitoring wells and used to create a second potentiometric surface map to assess potential variation. The April 2023 potentiometric surface map is presented as Figure 10. These maps show that the shallow groundwater gradient in the area of the site was generally westward in February and southwestward in April. The regional flow direction in this area would be expected to be more northly, toward the Lake Washington Ship Canal, and the potentiometric maps presented in Figures 9 and 10 appear to reflect a localized flow direction specific to the site and immediate surrounding area.

Potentiometric surface maps produced by other workers investigating the former Circle K gas station adjacent to the north of the Montlake Apartments site (see Section 3.2.1; Kennedy/Jenks, December 2017) show similar depths to shallow groundwater and an overall southeasterly flow direction (with considerable variability). Workers on the former Montlake Neighborhood Dry Cleaner site east of the subject site (See Section 3.2.2; Landau Associates, 2013) installed monitoring wells in the shallow (perched) groundwater system and in the deeper aquifer (the layered sands below the Qpff). The Landau report does not provide potentiometric maps but indicates that the deeper aquifer appeared to be confined. The Landau report also references a Sound Transit geotechnical study that indicates groundwater within the deeper aquifer flows north toward the Lake Washington Ship Canal, which again represents the expected regional flow direction.

3 Previous Investigations

3.1 Subject Property (Site) Draft Phase I ESA

In April 2022, Montlake Apartments, LLC (the owner of the subject property) contracted with Robinson Noble to complete a Phase 1 ESA of the site for the purpose of environmental due diligence associated with a refinance transaction. Assessor data reviewed for the Phase I ESA indicates the site was originally developed in 1914. Historical fire insurance maps show the site in 1917 developed with a mixed-use apartment building on the west side of the property and an auto garage on the northeast corner of the property. The fire insurance maps, together with assessor data, indicated the site was developed with the existing mixed-use apartment building by 1936.

Historical directories reviewed for the Phase I ESA indicated that the property has primarily been utilized for residential and retail land uses (i.e., a library, coffee shop, hair salon, and various office spaces).

However, a review of environmental databases found that a business referred to as "Montlake Dye Works - Clothes Pressers and Cleaners" operated at the site in 1930. This particular finding is listed as a historical dry cleaners, and is considered a recognized environmental condition (REC) as defined by ASTM E1527-21. Upon discovering this REC, along with several RECs on adjacent properties (see Section 3.2), the property owner opted to conduct a limited subsurface investigation (Phase II ESA) to determine if there were actual impacts at the site associated with these RECs (see Section 3.3).

3.2 Adjacent and Nearby Cleanup Sites

In addition to the former dry cleaner REC discussed above in Section 3.1, Robinson Noble's April 2022 Phase I ESA investigation also identified four nearby properties with on-going environmental issues. Each of these sites are listed on Ecology's CSCSL and are described as currently undergoing active cleanup. Copies of Ecology's cleanup site detail reports for each of these properties, along with other key documents and reports, are provided in Appendix B. Pertinent cleanup information for each site is summarized below in Sections 3.2.1 through 3.2.4.

3.2.1 Circle K 01461

The Circle K 01461 site is located at 2350 24th Avenue East, adjacent to the north of the Montlake Apartments site (see Figure 1B). Ecology references this site by Cleanup Site ID 5089, Facility/Site ID 2322, and UST ID 5754, and lists the site as having confirmed benzene, non-halogenated solvents, and petroleum (gasoline) contamination in both soil and groundwater. Ecology is currently overseeing cleanup of the site under a consent decree order (Consent Decree No. 92-2-08095-8).

The site is a former Circle K gasoline service station that operated until 1990. It was subsequently redeveloped in 1990 and 1991 and is now occupied by a dry cleaner (Jay's Cleaners) and a convenience store (Mont's Market). Previous workers report that in 1989 a leak was detected from one of the Circle K's four gasoline underground storage tanks (USTs) and that between 4,000 and 6,000 gallons of fuel were released to the subsurface (Kennedy/Jenks, 2017). Following the discovery of the gasoline release, it is also reported that all six of the Circle K's USTs and the pump island were decommissioned, and approximately 900 cubic yards (~1,300 tons) of impacted soils were excavated and removed from the site. Remediation of the site to address the gasoline release has been ongoing to present.

There are no reported releases from the current dry cleaner (Jay's Cleaners), and there are no known investigations to evaluate potential impacts associated with this dry cleaner. The documented gasoline release has the potential to impact the Montlake Apartment site and represents a REC as defined by ASTM E1527-21. Additionally, the existing dry cleaner may also pose a risk to the subject property.

3.2.2 Montlake Cleaners

The Montlake Cleaners (aka, Montlake Neighborhood Cleaners) site is located at 2311, 2313, and 2315 24th Avenue East, directly west of the Montlake Apartments site across 24th Avenue (see Figure 1B). Ecology references this site by Cleanup Site ID 12574 and Facility/Site ID 14643, and lists the site as having suspected halogenated solvent contamination in soils, confirmed halogenated solvent contamination in groundwater, and confirmed non-halogenated organics contamination in soils.

Ecology's cleanup site details report for the Montlake Cleaners site (Appendix B) also lists halogenated solvent impacts to indoor air but indicates measured concentrations are below applicable CULs. Ecology's on-line records indicate that the site is currently being remediated through the auspices of the VCP and is assigned VCP Project No. NW3058.

The former dry cleaners (Montlake Cleaners), reportedly operated at the site between 1966 and 1990 (Landau Associates, 2013). The site is currently occupied by a two-story building with retail business (an antique shop and a vacant bicycle shop) located on the first floor and apartments on the second floor. Previous investigations found soil and groundwater contamination below the building footprint in excess of State CULs that appear to be associated with the former Montlake Cleaners. Specific contaminants identified above CULs include PCE, which is a common dry cleaning-compound, and TCE and cis-1,2-dichloroethylene (cis-1,2-DCE), which are common breakdown products of PCE. PCE was also detected in several sub-slab soil-gas samples at concentrations above applicable State vapor intrusion (VI) screening levels (Landau Associates, 2013). Following the discovery of the contamination, a soil vapor extraction (SVE) system was installed to mitigate impacts to indoor air quality within the site buildings and remediate soil and groundwater contamination below the building. The SVE system has been operating since 2013 and is reportedly still in operation (Landua Associates, 2021).

The initial subsurface investigation of the Montlake Cleaners site (Landau, 2013) reports that high PCE concentrations in both the soil and groundwater dissipate rapidly away from the presumed source (the former Montlake Cleaners). However, based on the limited number of borings and the overall distribution of these borings, it is our opinion that there is insufficient data to support this conclusion. Given the proximity of the Montlake Cleaners site to the Montlake Apartments site, there is a possibility that impacted groundwater from the Montlake Cleaners site may have migrated off site and impacted the Montlake Apartments site. It is also possible that groundwater contamination originating from the Montlake Cleaners site may be comingled with contamination at the Montlake Apartments site. Regardless, the groundwater contamination at the Montlake Cleaners site represents a REC as defined by ASTM E1527-21.

3.2.3 Mason Apartments

The Mason Apartments (aka, Mason Apartments, Texaco) site is located at 2401 East Lynn Street, directly south of the Montlake Apartments site across East Lynn Street (see Figure 1B). Ecology references this site with Cleanup Site ID 12517, Facility/Site ID 7909, and UST ID 620185. Ecology lists the site as having confirmed benzene, non-halogenated solvent, and petroleum (gasoline) contamination in soils; suspected polycyclic aromatic hydrocarbon (PAH) contamination in soils; confirmed benzene, lead, non-halogenated solvents, and petroleum (gasoline) contamination in groundwater; and suspected PAH contamination in groundwater. Ecology's cleanup site details report for the Mason Apartments site (Appendix B) also lists lead, petroleum (diesel), and petroleum (other) impacts in soil and/or groundwater at concentrations below applicable State CULs. The cleanup site detail report indicates that the site is currently being remediated through the auspices of the Pollution Liability Insurance Agency (PLIA), which oversees remediation of UST-releases for facilities with preexisting PLIA-issued insurance.

The site is currently occupied by the Mason Apartments, which are townhouse-style apartments that are owned and operated by the Seattle Housing Authority. Limited information for this site is available in Ecology's on-line documents, but maps of the site (see Appendix B) show that the site was previously occupied by a Texaco service station. These maps do not show the locations of any USTs, but Ecology's UST summary report for the site (see Appendix B) reports one 500-gallon UST used to store unleaded gasoline; the UST summary report does not indicate a decommissioning date for this UST. Historical data indicates that the Texaco service station operated from as early as 1950 and as late as 1969, and that the current Mason Apartments were constructed in 1981. Ecology's initial investigation field report for the Mason Apartments site (dated October 17, 2014; see Appendix B) states that free petroleum product was observed in monitoring wells at the site, but it could not be determined if the contamination was derived from the former Texaco station, from the "up-gradient" Mobil 99MPB site (see Section 3.2.4), or is comingled contamination derived from both sites.

Given the proximity of the Mason Apartments site (and the former Texaco station) to the Montlake Apartments site, and the un-delineated presences of petroleum and other fuel-related contamination in the groundwater, there is potential for contamination to have migrated off-site and impacted the subject (Montlake Apartments site). As such, the presence of petroleum and other fuel-related contamination at the Mason Apartments site in groundwater represents a REC as defined by ASTM E1527-21, whether it was derived from the Mason Apartments site exclusively or in part from the Mobile 99MPB site (see Section 3.2.4).

3.2.4 Mobil 99MPB

The Mobil 99MPB site is located at 2200 24th Avenue East, adjacent to the south of the Mason Apartments site discussed above in Section 3.2.3 (see Figure 1B). Ecology references this site with Cleanup Site ID 5757, Facility/Site ID 24792884, and UST ID 403305. Ecology lists the site as having confirmed benzene, lead, methyl tertiary-butyl ether (MTBE), non-halogenated solvent, and petroleum (diesel, gasoline, and other) contamination in soils and groundwater; and confirmed metals (other or undistinguished) contamination in groundwater. Ecology's cleanup site details report for the Mobile 99MPB site (Appendix B) also lists priority pollutant metal impacts in soils and groundwater but at concentrations below applicable State CULs.

The Mobil 99MPB site is currently developed with a mixed-use structure with commercial spaces on the ground-floor and apartments on the second and third floors. Historical review and reports from previous workers indicate that the current site building was constructed in 2016, and that a service station/automotive garage (Mobil 99MPB) operated at the site from 1933 to 1977. A two-story professional building was also constructed and subsequently demolished during the interim period following the gas station being vacated and the current mix-use structure being constructed (Cardno ERI, 2013). Review of previous reports on-file with Ecology indicate that up to seven USTs may have been present at the site. Four USTs with capacities of 2,000-, 3,000-, 5,000-, and 8,000-gallons were removed at an undetermined time (Cardo ERI, 2013), and three 750-gallon USTs were removed in 2007 along with approximately 90 tons of contaminated soils (ERI, 2007). Ecology's UST summary report for the site (see Appendix B) indicates that four USTs were removed from the site but does not provide any detail regarding capacity, construction, or removal dates.

Ecology's cleanup site details report (Appendix B) and other on-line records indicate that contamination at the site is being remediated under the auspices of the VCP. The site was initially assigned VCP Project No. NW1857 but was removed from the program in 2011 due to non-action. The site was reenrolled in 2013 under VCP Project No. NW2812. In November 2019, Ecology issued a property-specific no further action (NFA) determination for the two primary parcels occupied by the former Mobile station (King County parcels 8712100035 and 8712100040) based on the implementation of an environmental covenant. However, Ecology's November 2019 NFA opinion letter (see Appendix B) specifically states that further action is required to remediate contamination on other areas of the site. This includes residual soil and groundwater contamination that still remains under 24th Avenue to the west and the Mason Apartments to the south (see Section 3.2.3); Ecology opines that contamination in these areas are related to releases from the former Mobil service station and considers them as part of the larger Mobil 99MPB site.

As stated above in Section 3.2.3, considering the proximity of the Mason Apartments and Mobil 99MPB sites to the Montlake Apartments site, and the un-delineated presences of petroleum and other fuel-related contamination in the groundwater, there is potential for contamination to have migrated off-site and impacted the subject (Montlake Apartments site). As such, this represents a REC as defined by ASTM E1527-21, whether it was derived from the Mason Apartments site exclusively or all or in part from the Mobile 99MPB site.

3.3 Subject Property (Site) Phase II ESA

In March 2022, Robinson Noble conducted a limited subsurface investigation (Phase II ESA) at the Montlake Apartments site to try to resolve the various RECs described above in Sections 3.1 and 3.2. Given that the majority of the site is occupied by the site buildings and there is limited space for drilling, the Phase II ESA field investigation was limited to the central courtyard area of the site.

On March 31, 2022, Robinson Noble was on site to oversee the installation and testing of several direct-push borings. As described above in Section 2.1, four borings, designated as B1 through B4, were installed at the north end of the courtyard area (see Figure 2). Each of the borings was advanced to a depth of 15 feet. Logs of the materials encountered in each boring are presented on Figure 3. During drilling, our on-site geologist field screened the materials encountered in each of the borings for signs of impact using visual and olfactory indicators and a hand-held photoionization detector (PID). Field screening did not indicate any obvious signs of impact. Field screening results are summarized in Table C-1 in Appendix C.

Representative soil samples from each boring were submitted for laboratory analysis of gasoline-through oil-range hydrocarbons and PCE and associated breakdown products. Analyses did not indicate the presents of gasoline- through oil-range hydrocarbons above laboratory detection limits in any of the soil samples. Analyses did, however, indicate the presence of PCE at concentrations above the MTCA Method A soil CUL of 0.05 mg/kg in most of the soil samples. Analyses did not indicate the presence of any PCE breakdown products above laboratory detection limits in any of the soil samples. Laboratory results for detected analytes for the soil samples from borings B1 through B4 are summarized below in

Table 2. Copies of the complete laboratory reports are provided in Appendix C, and a summary of the results is presented in Table C-1 in Appendix C.

Table 2: PCE Soil Analytical Results for Borings B1-B4

Boring	Sample No.	Depth (feet)	PCE (mg/kg)
B1	B1-5	5	<0.03
	B1-10	10	**0.14**
	B1-15	15	**0.35**
B2	B2-5	5	**0.18**
	B2-10	10	**0.06**
	B2-13	13	**0.28**
B3	B3-3	3	**0.05**
	B3-10	10	**0.13**
	B3-15	15	**0.33**
B4	B4-5	5	**0.04**
	B4-10	10	**0.17**
	B4-15	15	**1.26**
MTCA[1]			**0.05**

1: MTCA Method A soil CUL for unrestricted land use.

Bolded values indicated detections above the laboratory detection limit.

Bolded Red values indicated concentrations above applicable CULs.

As discussed above in Section 2.2, groundwater was encountered in each of the four borings (B1 through B4). Groundwater samples were collected through temporary wells set in each boring and submitted for laboratory analysis of gasoline- through oil-range hydrocarbons and PCE and associated breakdown products. Analyses did not indicate the presents of gasoline- through oil-range hydrocarbons above laboratory detection limits in any of the groundwater samples. Analyses did, however, indicate the presence of PCE at concentrations above the MTCA Method A groundwater CUL of 5 ug/L in all of the groundwater samples. Analyses also indicated the presence of TCE above laboratory detection limits in the sample from boring B1, but at a concentration below the applicable CUL. Analyses did not indicate the presence of any other PCE breakdown products above laboratory detection limits in any of the other groundwater samples. Laboratory results for detected analytes for the groundwater samples collected from borings B1 through B4 are summarized below in Table 3. Copies of the complete laboratory reports are provided in Appendix C, and a summary of the results is presented in Table C-2 in Appendix C.

Table 3: PCE and TCE Groundwater Analytical Results for Borings B1-B4

Boring	Sample No.	PCE (ug/L)	TCE (ug/L)
B1	B1-W	**200**	**2.6**
B2	B2-W	**29**	<0.4
B3	B3-W	**140**	<0.4
B4	B4-W	**7.3**	<0.4
MTCA[1]		5	5

1: MTCA Method A groundwater CUL.

Bolded values indicated detections above the laboratory detection limit.

Bolded Red values indicated concentrations above applicable CULs.

4 Current Remedial Investigation

Based on the findings of the Phase I and II ESAs described above in Section 3, the property owner (Montlake Apartments, LLC) contracted with Robinson Noble to complete an initial RI, which is the primary subject of this report. As discussed above in Section 1, the intent of this initial RI is to better characterize and delineate (to the degree possible) the nature of the PCE contamination discovered at the site. However, as discussed above in Section 3.3, the majority of the site is occupied by buildings and there is limited space for drilling. As such, the initial RI field investigation discussed herein was limited to the central courtyard area of the site and the City of Seattle rights-of-way on the west and south sides of the site; the site building abuts directly to the property line on the north and east sides of the site.

4.1 Drilling

Between February 14 and 17, 2023, Robinson Noble was on site to oversee the drilling and installation of five monitoring wells at the Montlake Apartments site. As discussed above in Section 2.1, these wells were drilled using hollow-stem-auger drilling-methods to accommodate deeper drilling and the placement of monitoring wells. The well borings, designated as MW1 through MW5, were drilled to depths of between 30 feet (MW3, MW4, and MW5) and 45 feet (MW2). Monitoring well locations are shown on Figure 2 and logs of the materials encountered in each of the well borings are presented on Figures 4 through 8.

During drilling, our on-site geologist field screened the materials encountered in each of the well borings for signs of impact using visual and olfactory indicators and a hand-held PID. Field screening did not indicate any obvious signs of impact in any of the well borings. Field screening results are summarized in Table C-1 in Appendix C.

4.2 Soil Sampling and Analysis

Representative soil samples from each well boring were submitted for laboratory analysis of PCE and associated breakdown products. Analyses indicate the presence of PCE at concentrations just above the MTCA Method A soil CUL of 0.05 mg/kg in soil samples MW1-15 and MW3-5, and just above laboratory detection limits but below CULs in several of the other soil samples. Analyses did not indicate the presence of any PCE breakdown products above laboratory detection limits in any of the soil samples. Laboratory results for detected analytes for the soil samples from well borings MW1 through MW5 are summarized below in Table 4. Copies of the complete laboratory reports are provided in Appendix C, and a summary of the results is presented in Table C-1 in Appendix C.

Table 4: PCE Soil Analytical Results for Well Borings MW1-MW5

Well Boring	Sample No.	Depth (feet)	PCE (mg/kg)
MW-1	MW1-5	5	**0.03**
	MW1-10	10	**0.04**
	MW1-15	15	0.08
	MW1-20	20	**0.02**
	MW1-30	30	**0.04**
	MW1-40	40	**0.05**
MW-2	MW2-5	5	**0.03**
	MW2-10	10	**0.05**
	MW2-15	15	<0.03
	MW2-20	20	<0.03
	MW2-25	25	**0.03**
	MW2-35	35	**0.03**
	MW2-45	45	**0.03**
MW-3	MW3-5	5	<0.03
	MW3-10	10	<0.03
	MW3-15	15	0.08
	MW3-20	20	<0.03
	MW3-25	25	<0.03
	MW3-30	30	<0.03
MW-4	MW4-5	5	<0.03
	MW4-10	10	**0.03**

Table 4: PCE Soil Analytical Results for Well Borings MW1-MW5

	MW4-15	15	<0.03
	MW4-20	20	0.05
	MW4-25	25	<0.03
	MW4-30	30	<0.03
MW-5	MW5-5	5	<0.03
	MW5-10	10	**0.03**
	MW5-15	15	<0.03
	MW5-20	20	<0.03
	MW5-25	25	<0.03
	MW5-30	30	<0.03
MTCA[1]			**0.05**

1: MTCA Method A soil CUL for unrestricted land use.

Bolded values indicated detections above the laboratory detection limit.

Bolded Red values indicated concentrations above applicable CULs.

4.3 Monitoring Well Construction

Following the drilling of each well boring, Robinson Noble's on-site geologist directed the installation of permanent monitoring wells in each of the borings. Figures 4 through 8 present construction diagrams for monitoring wells MW-1 through MW-5, respectively. All five of the monitoring wells were constructed similarly, setting 10 feet of 2-inch diameter PVC well-screen at depths between 15 to 25 feet, which positions the base of the screens at or just slightly below the Qpfc/Qpff interface (see Section 2.1). As PCE has a specific gravity greater than 1 (sinks in water), placement of the well screens at the base of the Qpfc allows sampling for worst-case groundwater impacts in the shallow groundwater within the Qpfc (see Section 2.2). A manufactured sand pack was placed around all of the well screens, and each well has a 2-inch diameter PVC riser between the top of the screen and ground surface. The annular space around the outside of each well casing (riser) is sealed with bentonite, and each well is completed with a flush steel monument.

Following the completion of the five monitoring wells, each was developed with a submersible pump to remove any loose materials from the surrounding formation to insure proper groundwater flow into each well. The wells were then surveyed by a professional surveyor. Figure 3 shows the surveyed locations of MW-1 through MW-5. Figures 4 through 8 show the surveyed top-of-casing (TOC) elevation for each of the wells. All water level measurement presented in this RI are referenced to the surveyed TOC elevations to reflect true water level elevations.

4.4 Potentiometric Surface Map Construction

On February 22, 2023, water levels were measured in each of the five wells prior to the initial groundwater sampling event. Table 5 below presents the depth to water (below TOC) measured in each of the wells during the February 2023 sampling event and the corresponding water level elevation. The determined water level elevations were then used to construct a water level contour (potentiometric surface) map of the site (specifically for the groundwater within the Qpfc). Figure 9 presents the shallow groundwater potentiometric map for the February 2023 sampling event.

On April 12, 2023, water levels were again measured in each of the monitoring wells and used to create a second potentiometric surface map to assess potential variation. Table 6 below presents the depths to water (below TOC) measured in each of the wells on April 12, 2023 and the corresponding water level elevations. The potentiometric map generated from the April 2023 water level measurements is presented as Figure 10. As discussed above in Section 2.2, these maps show that the shallow groundwater gradient in the area of the site was generally westward in February and southwestward in April. As the regional flow direction in the area of the site is expected to be more northly (toward the Lake Washington Ship Canal), the potentiometric maps presented in Figures 9 and 10 appear to reflect a localized flow direction specific to the site and immediate surrounding area.

Table 5: February 22, 2023 Groundwater Measurements

Monitoring Well	TOC Elevation (feet)	Depth to Water $_{TOC}$ (feet)	Groundwater Elevation (feet)
MW-1	68.10	13.48	54.62
MW-2	68.21	13.57	54.64
MW-3	67.70	13.43	54.27
MW-4	67.91	13.38	54.53
MW-5	66.99	12.11	54.88

Table 6: April 12, 2023 Groundwater Measurements

Monitoring Well	TOC Elevation (feet)	Depth to Water $_{TOC}$ (feet)	Groundwater Elevation (feet)
MW-1	68.10	13.18	54.92
MW-2	68.21	12.89	55.32
MW-3	67.70	12.18	55.52
MW-4	67.91	12.24	55.67
MW-5	66.99	11.91	55.08

4.5 Groundwater Sampling and Analysis

Groundwater sampling for the current RI was conducted on February 22, 2023. Prior to sample collection, each of the five monitoring wells were purged, and various field parameters including pH, temperature, conductivity, total dissolved solids, dissolved oxygen, and oxidation-reduction potential (ORP) were monitored during the purging process. Groundwater samples were obtained after the measured field parameters reached stabilization or a minimum of three well volumes had been purged. On occasion, more than three well volumes were purged to try to reach better stabilization or clear turbidity. The field-parameter data measured during this RI were recorded on individual field-data sheets, which are presented in Appendix D. Our review of these data does not reveal any significant inconsistencies that might affect the quality or reliability of the groundwater samples obtained.

Groundwater samples from the February 2023 sampling event were submitted for laboratory analysis of PCE and associated breakdown products. Analyses indicated the presence of PCE at concentrations above the MTCA Method A groundwater CUL of 5 ug/L in all of the groundwater samples. Analyses also indicated the presence of TCE above laboratory detection limits in the samples from MW-1 and MW-2, but at a concentration below the applicable CUL. Analyses did not indicate the presence of any other PCE breakdown products above laboratory detection limits in any of the other groundwater samples. Laboratory results for detected analytes for the groundwater samples collected from MW-1 through MW-5 during the February 2023 sampling event are summarized below in Table 7. Copies of the complete laboratory reports are provided in Appendix C, and a summary of the results is presented in Table C-2 in Appendix C.

Table 7: PCE and TCE Groundwater Analytical Results for MW1-MW5 (February 2023)

Monitoring Well	Sample No.	PCE (ug/L)	TCE (ug/L)
MW-1	MW1-W	**39**	**0.45**
MW-2	MW2-W	**130**	**0.63**
MW-3	MW3-W	**32**	<0.4
MW-4	MW4-W	**32**	<0.4
MW-5	MW5-W	**97**	<0.4
MTCA[1]		5	5

1: MTCA Method A groundwater CUL.

Bolded values indicated detections above the laboratory detection limit.

Bolded Red values indicated concentrations above applicable CULs.

4.6 Sample Collection, Laboratory Analyses, and QA/QC

All soil and groundwater samples for this project, including the Phase II ESA (Section 3.3) and the current RI (Sections 4.2 and 4.5), were collected in appropriate laboratory-supplied containers and immediately placed in a cooler containing Blue Ice® and maintained at temperatures below 4° Celsius pending

delivery to the laboratory. All soil and groundwater samples were delivered to the laboratory under appropriate chain-of-custody procedures and analyzed within prescribed holding times. All groundwater samples were collected using Ecology prescribed low-flow sampling protocols utilizing a bladder pump. At each sampling location, new pump tubing and bladders were utilized and the pump was disassembled and decontaminated using an Alconox® wash and double distilled-water rinse.

Soil and groundwater samples were analyzed for gasoline-range hydrocarbons via Ecology Test Method NWTPH-Gx, diesel- through oil-range hydrocarbons via Ecology Test Method NWTPH-Dx/Dx, and PCE and associated breakdown products via EPA Test Method 8260D. The laboratory utilized for this project (Libby Environmental, Inc.) is accredited in the State of Washington for the analyses performed.

Libby Environmental provided required quality assurance/quality control (QA/QC) analyses with each of their laboratory reports. Our review of these QA/QC analyses did not reveal any discrepancies that would affect our final interpretations, conclusions, or use of these data. The complete laboratory reports from Libby Environmental, including the required QA/QC analyses, are included in Appendix C.

5 Site-Specific Cleanup Standards

Site-specific cleanup standards (cleanup levels and points of compliance) are not currently established for the Montlake Apartment site. For purposes of discussion and comparison, soil analytical results for gasoline- through oil-range hydrocarbons, PCE, and TCE were compared to MTCA Method A soil CULs for unrestricted land use. For soil analyses of all other PCE associated breakdown products, analytical results were compared to the applicable Method B CULs. Likewise, groundwater analytical results for gasoline- through oil-range hydrocarbons, PCE, and TCE were compared to the MTCA Method A CULs, and all other PCE associated breakdown products were compared to the applicable MTCA Method B CULs. Once site contamination is fully delineated and characterized, and following Ecology review and feedback, the application of more or less stringent CULs may be deemed appropriate.

6 Terrestrial Ecological Evaluation

Ecology sets forth four exclusionary criteria for conducting a Terrestrial Ecological Evaluation (TEE) under Chapter 173-340-7491 WAC. TEE exclusions can apply to planned future land use or development. However, the owner does not have any immediate plans to redevelop the site or use it for other purposes. The site is not listed with Ecology (does not have a Site ID No. or a Facility/Site ID No.), and it is not currently enrolled in the VCP (does not have a VCP Project No.). If the site is listed and accepted into the VCP, a completed TEE evaluation form (ECY 090-300) will be submitted with the remedial investigation/feasibility study (RI/FS). At this point, considering that the site and surrounding area are fully developed with no open space lands, it appears that a TEE will not be required per Chapter 173-340-749(1)(c) WAC.

7 EIM Submission

For VCP projects, Ecology requires that all analytical data be submitted via their Electronic Information Management (EIM) portal prior to issuance of any closure determination. As noted above in Section 6, the Montlake Apartment site is not currently enrolled in the VCP. However, all analytical data collected to date for the site have been uploaded to Ecology's data manager via the EIM portal. Upon enrollment of the site into the VCP and the completion of any additional remedial investigations, all subsequently collected data will be uploaded as well in a timely manner.

8 Summary of Findings

A Phase I ESA of the subject site (Montlake Apartments) identified several RECs as defined by ASTM E1527-21. These RECs include a former dry cleaner on the subject site (See Section 3.1) and several nearby dry cleaners and former gasoline services stations on adjacent properties (See Section 3.2), each with potential to impact the subject site.

A subsequent Phase II ESA (see Section 3.3) verified the presence of PCE (a common dry cleaning solvent) and TCE (a common PCE breakdown product) in soils and groundwater near the central portion of the site (see B1 through B4 on Figures 2 and 3) at concentrations above applicable State CULs (see Tables C-1 and C-2 in Appendix C). Laboratory analyses conducted for the Phase II ESA did not identify total petroleum hydrocarbons (TPH) above laboratory detection limits in any of the soil or groundwater samples. However, the area of focus for the Phase II ESA was limited to the central portion of the site, and TPH or fuel-related volatile organic compounds (VOCs) originating from one of the several off-site RECs discussed in Section 3.2 may be present in other areas of the subject site (specifically along the northern and southern boundaries).

The initial RI documented in this report (see Section 4) was completed to better delineate and characterize the soil and groundwater PCE contamination that was discovered at the site during the completion of the Phase II ESA. The RI included the installation and testing of five monitoring wells, designated as MW-1 through MW-5 (see Figure 2 and Figures 4 through 8). Laboratory analyses conducted for this RI identified PCE in soils at concentrations above State CULs in MW-1 and MW-3 (see Table C-1 in Appendix C), and PCE in groundwater above State CULs in all five of the monitoring wells (see Table C-2 in Appendix C). Impacts from PCE and PCE-breakdown products were a primary focus of the current RI, and TPH and fuel-related VOCs were not further investigated.

9 Data Gaps and Proposed Draft Work Plan

The environmental investigations completed to date at the Montlake Apartments site have been limited by the fact that the majority of the site is covered by the site building. As discussed in Section 4, this has limited drilling access to the central courtyard area and city rights-of-way on the west and south sides of

the site; the site building abuts directly to the property line on the north and east sides of the site. Based on the environmental investigations completed to date and described in this report, we have identified several data gaps. Once the site is accepted into the VCP, these data gaps, along with any others identified during Ecology's review of this report, will be incorporated into a draft work plan that will lay out additional remedial actions needed to fully delineate and characterize the site. Identified data gaps include the following:

- Laboratory analyses completed to date indicate relatively high concentrations of PCE in the shallow groundwater below the site in close proximity to the occupied building. Measured concentrations of PCE range from 32 to 130 ug/L in MW-1 through MW-5, and a high of 200 ug/L was measured in boring B1 during the completion of the Phase II ESA. The MTCA Method B (cancer) VI groundwater screening level for PCE is 25 ug/L. This indicates that there may be potential for VI in the site building from impacted groundwater, particularly in the basement and ground-floor spaces. Per Ecology VI guidance (Ecology, March 2022), additional investigation of sub-slab soil-gas should be completed to better evaluate the potential for VI in the site building. An additional site visit will be needed to determine appropriate sub-slab sampling, and further feedback from Ecology is needed regarding the appropriate screening criteria (i.e., Method B or Commercial Worker).
- To date, only one monitoring well (MW-5) has been set near the margins of the site. All other exploratory borings and wells have been placed in the central courtyard area. As such, delineation and contaminant characterization are limited to these areas of the site. Numerous monitoring wells have been installed near the site boundaries by others as part of investigations on the previously noted neighboring release sites. It may be possible to get permission to use these wells or at least obtain the data that has already been collected but not published. If this is not an option, then several additional monitoring wells should be drilled in the City of Seattle rights-of-way on the west and south sides of the site to better characterize soil and groundwater impacts across the site. Again, the site building abuts the property line on the north and east sides of the site and drilling in these areas is not likely feasible.
- Analytical data collected during this initial RI did not include TPH or fuel-related VOCs, and additional analyses for these particular analytes should be conducted during subsequent monitoring events. This would include sampling all five of the existing monitoring wells, other nearby wells if access can obtained, and/or additional wells installed in City of Seattle rights-of-way.
- To date, only one groundwater sampling event has been completed. Additional groundwater sampling should be completed on a quarterly basis for a period of at least one year to characterize the seasonal fluctuation of water levels, gradients, and contaminants. Additional sampling events would include all five of the existing monitoring wells, other nearby wells if access can be obtained, and/or additional wells installed in City of Seattle rights-of-way. Each sampling event would include analysis of PCE and breakdown products (EPA Test Method 8260D), gasoline-range hydrocarbons (Ecology Test Method NWTPH-Gx), diesel- and oil-range hydrocarbons (Ecology Test Method NWTPH-Dx/Dx), and fuel-related VOCs (EPA Test Method 8260D).

10 Limitations

This document was prepared solely for Montlake Apartments, LLC in accordance with professional standards at the time the services were performed, and in accordance with the contract between Montlake Apartments, LLC and Robinson Noble (a wholly owned subsidiary of Terraphase Engineering, Inc.) dated February 11, 2022 and last amended March 29, 2023. The statements and conclusions provided in this report are based on generally accepted geologic, hydrogeologic, and environmental practices. Some information referenced in this report was provided by outside sources, which are presumed to be fully accurate. Unless specifically stated in this report, no warranty, expressed or implied, is made.

11 References

American Standard for Testing and Materials (ASTM) E1527-21; Standard Practice for Environmental Site Assessments; Phase I Environmental Site Assessment Process

American Standard for Testing and Materials (ASTM) E1903-19; Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process

Booth, D.B., Troost, K.G., and Schimel, S.A., 2009, Geologic map of northeastern Seattle (part of the Seattle North 7.5' x 15' quadrangle), King County; US Geological Survey Scientific Investigations Map 3065.

Cardo ERI, November 14, 2013, Site Summary and Voluntary Cleanup Program Application, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.

Kennedy/Jenks Consultants, December 14, 2017, Public Review Draft, Remedial Investigation/Feasibility Study (RI/FS) Report, Former Circle K Site, 2350 24th Avenue East, Seattle Washington.

ERI, August 1, 2007, Letter Report, Soil Assessment and Underground Storage Tank Removal, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.

Landau Associates, May 29, 2013, Letter Report, Summary of Subsurface Investigations, Montlake Neighborhood Former Dry Cleaner, 2311, 2313, and 2315, 24th Avenue East, Seattle, Washington.

Landau Associates, July 9, 2021, Letter Report, 2021 Annual Remediation System Monitoring Report, Montlake Neighborhood Former Dry Cleaner, 2311, 2313, and 2315 24th Avenue East, Seattle, Washington.

Robinson Noble, April 14, 2022, Draft Environmental Site Assessment, Montlake Apartments, LLC, 2300 24th Avenue East, Seattle, Washington.

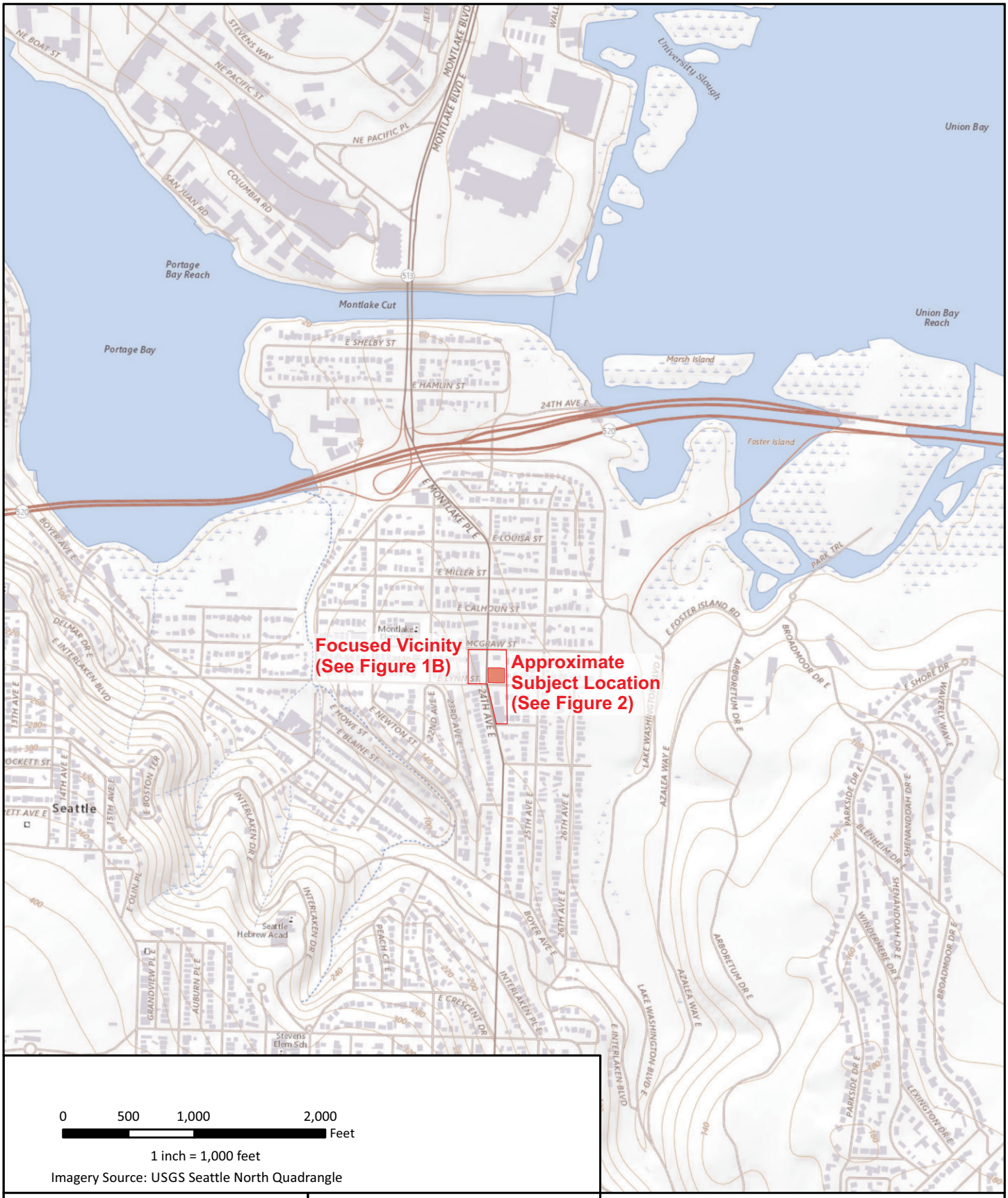
Washinton State Department of Ecology, Toxics Cleanup Program, Model Toxics Control Act Cleanup Regulation and Statute, Chapter 173-340 WAC (Chapter 70.105D RCW), amended February 2001, Publication No. 94-06.

Washington State Department of Ecology, Toxics Cleanup Program, Guidance for Evaluating Vapor Intrusion in Washington State, Investigation and Remedial Action, March 2022, Publication No. 09-09-047

Washington State Department of Ecology, Toxics Cleanup Program, Cleanup Levels and Risk Calculations (CLARC II), updated August 2023, Publication No. 94-145.

Figures

1 Vicinity Map
2 Site and Boring Location Map
3 Geologic Logs (B1 through B4)
4 MW-1 Construction Diagram and Geologic Log
5 MW-2 Construction Diagram and Geologic Log
6 MW-3 Construction Diagram and Geologic Log
7 MW-4 Construction Diagram and Geologic Log
8 MW-5 Construction Diagram and Geologic Log
9 February 2023 Potentiometric Surface Map
10 April 2023 Potentiometric Surface Map



SAFETY FIRST	CLIENT: Montlake Apartments, LLC	**General Vicinity Map**
ROBINSON NOBLE a terraphase company	PROJECT: Initial RI 2300 - 24th Avenue East, Seattle	
	PROJECT NUMBER: W068.001.001	**FIGURE 1A**



SAFETY FIRST	CLIENT: Montlake Apartments, LLC	**Focused Vicinity Map**
ROBINSON NOBLE a terraphase company	PROJECT: Initial RI 2300 - 24th Avenue East, Seattle	
	PROJECT NUMBER: W068.001.001	**FIGURE 1B**



0 10 20 40 Feet

1 inch = 20 feet

N

Aerial Imagery Source: King County iMap (https://gismaps.kingcounty.gov/iMap/)

Legend

Boring Location

Monitoring Well Location

SAFETY FIRST

ROBINSON NOBLE

a terraphase company

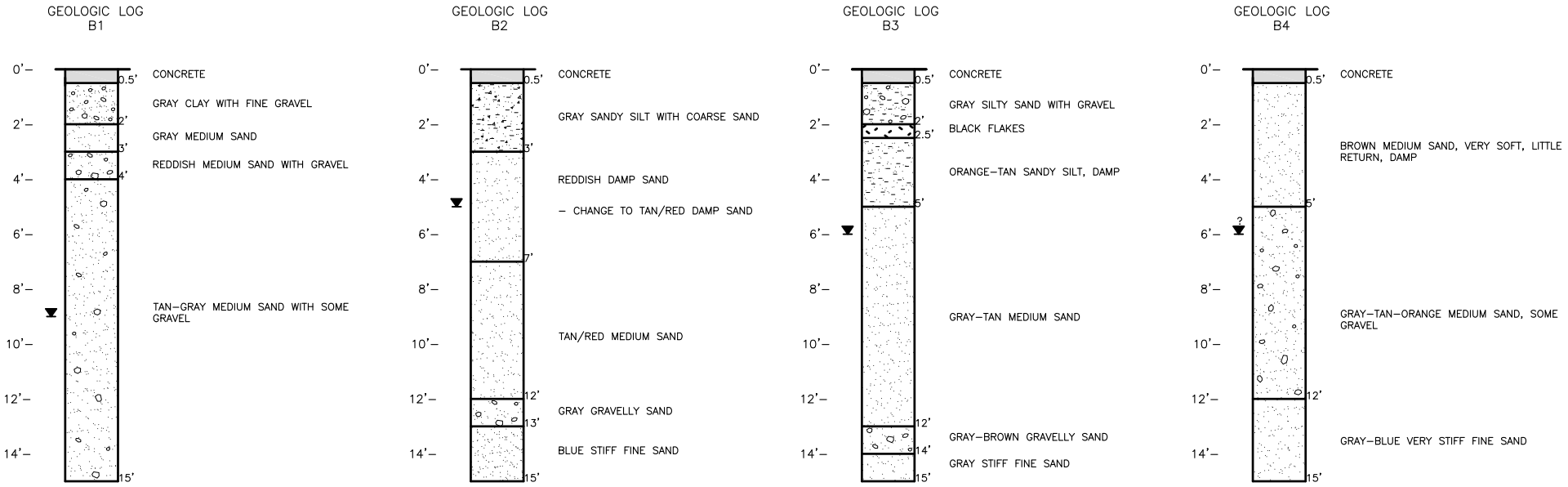
CLIENT: Montlake Apartments, LLC

PROJECT: Initial RI
2300 - 24th Avenue East, Seattle

PROJECT NUMBER: W068.001.001

Site and Boring Location Map

FIGURE 2



SAFETY FIRST

ROBINSON NOBLE
a terraphase company

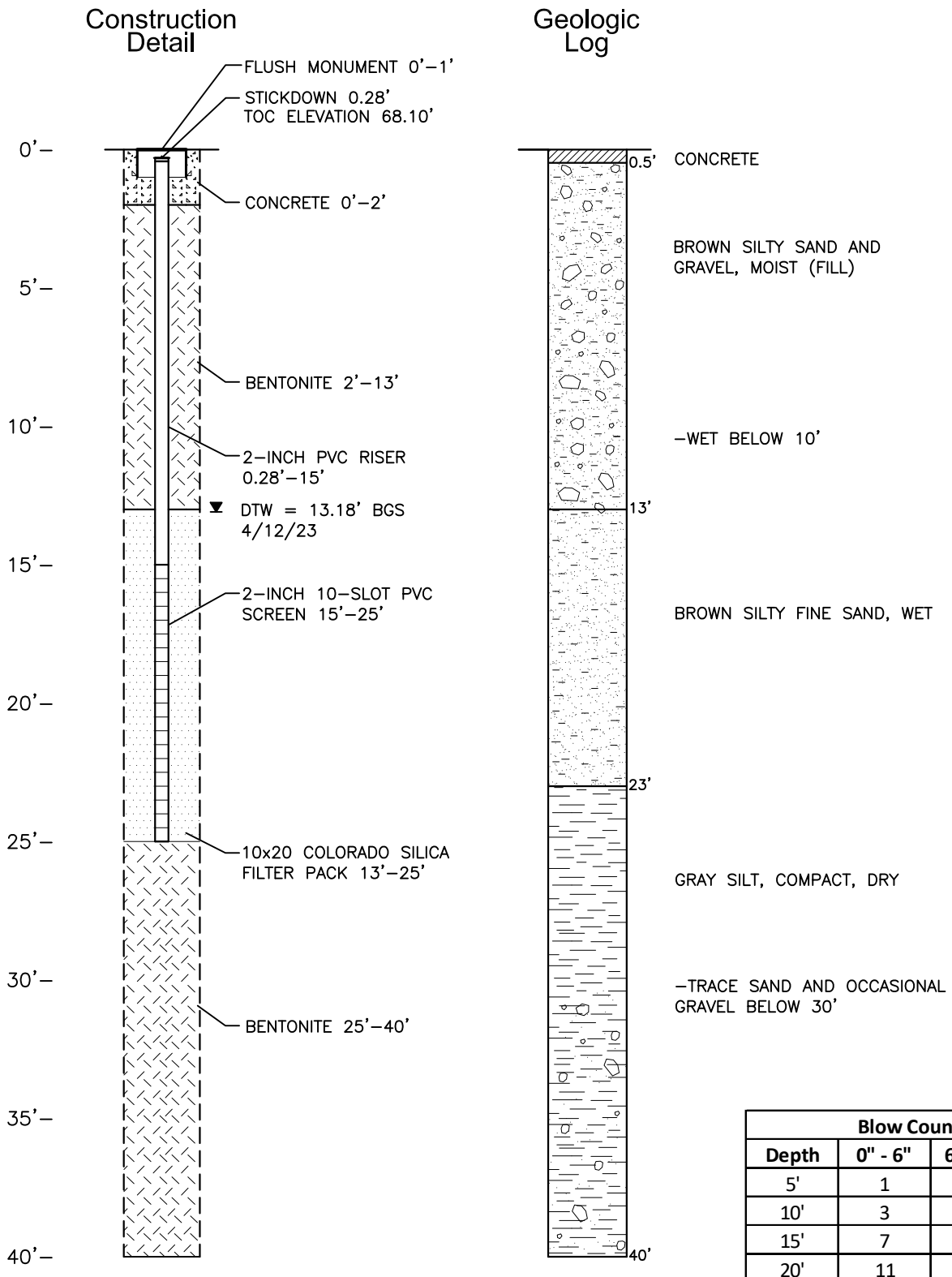
CLIENT: Montlake Apartments, LLC

PROJECT: Initial RI
2300 - 24th Avenue East, Seattle

PROJEC: W068.001.001

Geologic Logs for Boreholes B1 through B4

FIGURE 3



Blow Count Data			
Depth	**0" - 6"**	**6" - 12"**	**12" - 18"**
5'	1	1	2
10'	3	17	24
15'	7	14	20
20'	11	20	26
25'	27	50/5"	-
30'	21	32	47
35'	21	30	50/6"
40'	20	45	50/4"

SAFETY FIRST

ROBINSON NOBLE
a terraphase company

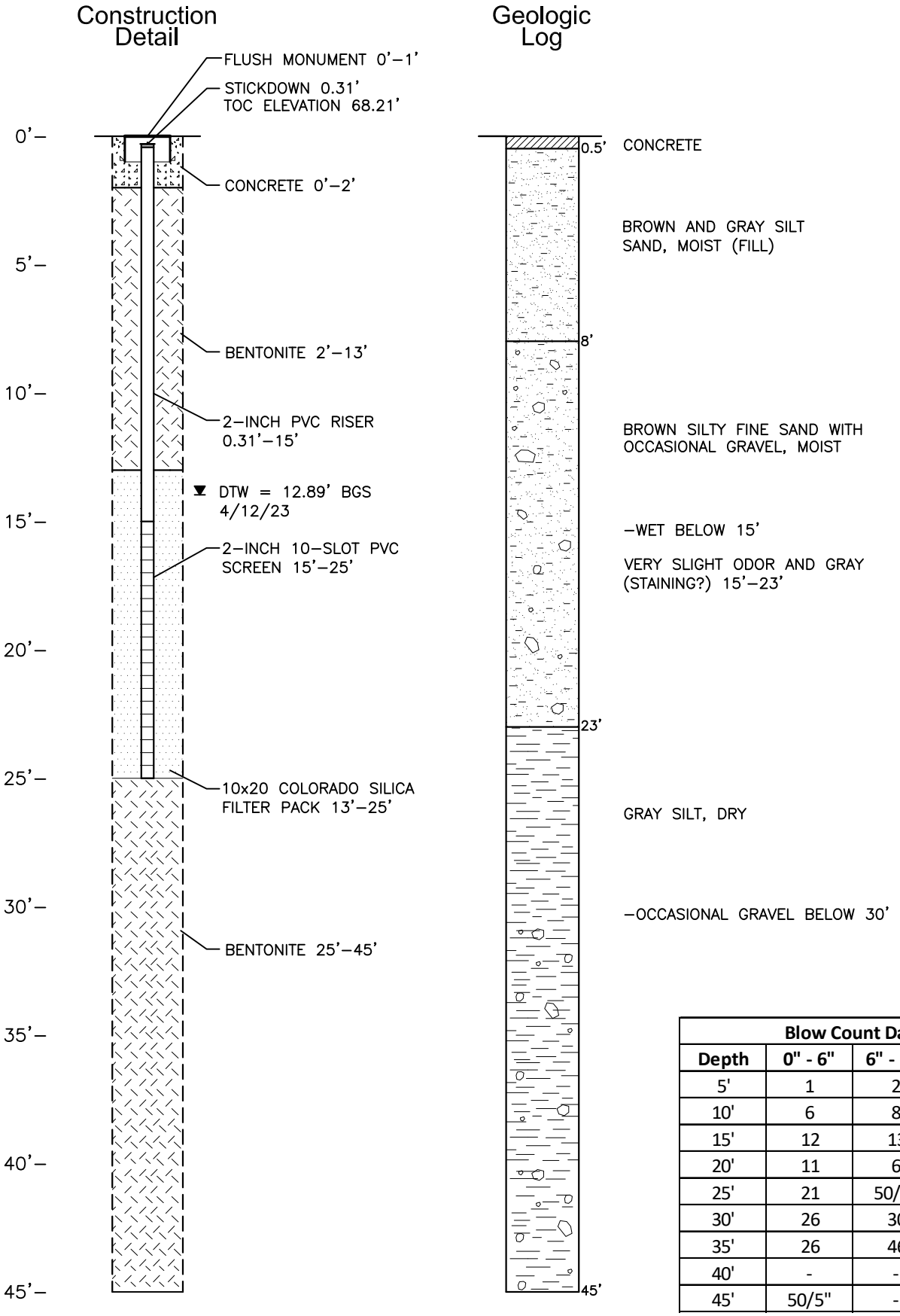
CLIENT: Montlake Apartments, LLC

PROJECT: Initial RI
2300 - 24th Avenue East, Seattle

PROJECT: W068.001.001

Monitoring Well 1
Construction and Geologic Log

FIGURE 4



Blow Count Data			
Depth	**0" - 6"**	**6" - 12"**	**12" - 18"**
5'	1	2	5
10'	6	8	12
15'	12	13	17
20'	11	6	28
25'	21	50/6"	-
30'	26	30	36
35'	26	46	47
40'	-	-	-
45'	50/5"	-	-

SAFETY FIRST

ROBINSON NOBLE
a terraphase company

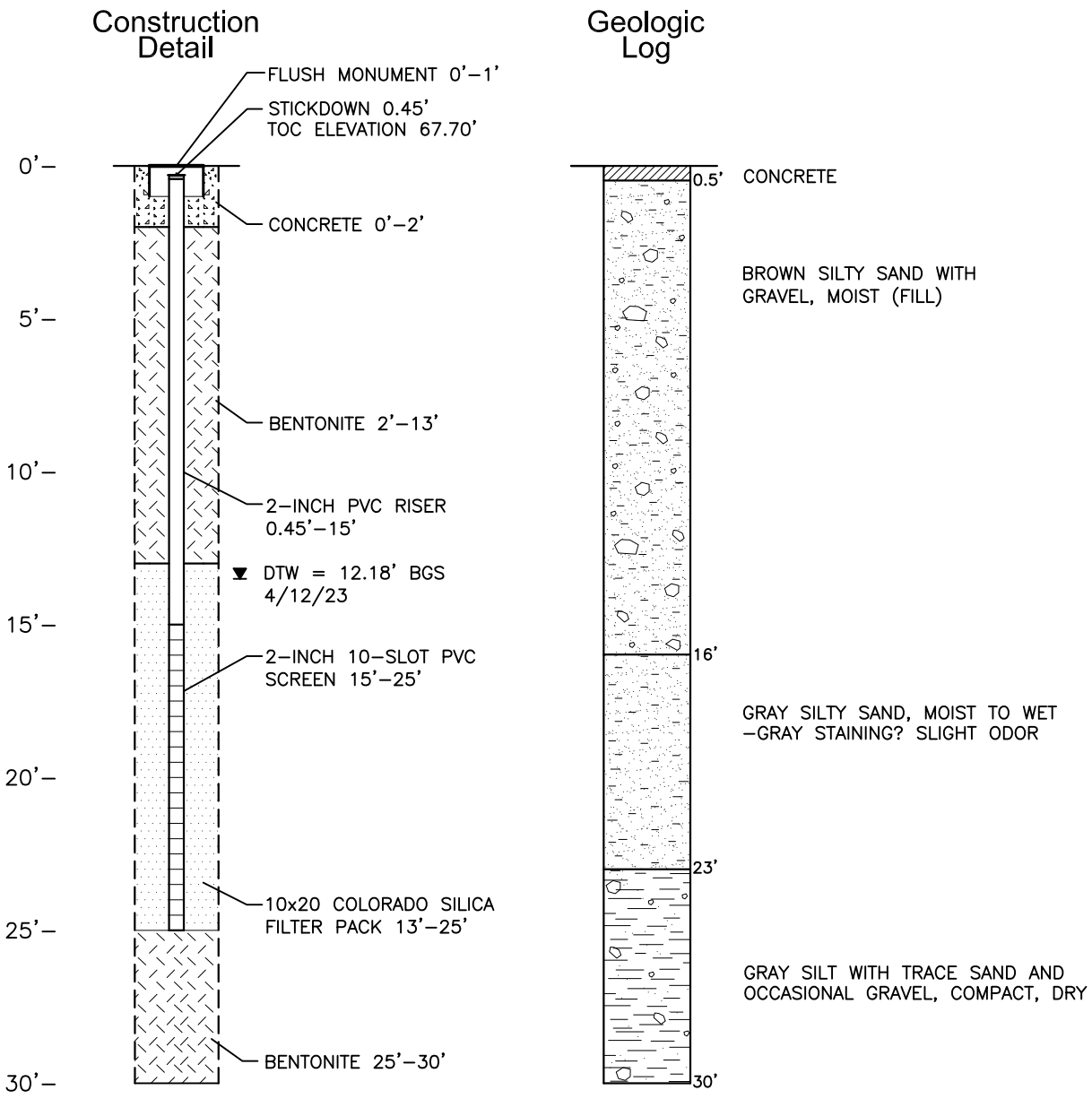
CLIENT: Montlake Apartments, LLC

PROJECT: Initial RI
2300 - 24th Avenue East, Seattle

PROJECT: W068.001.001

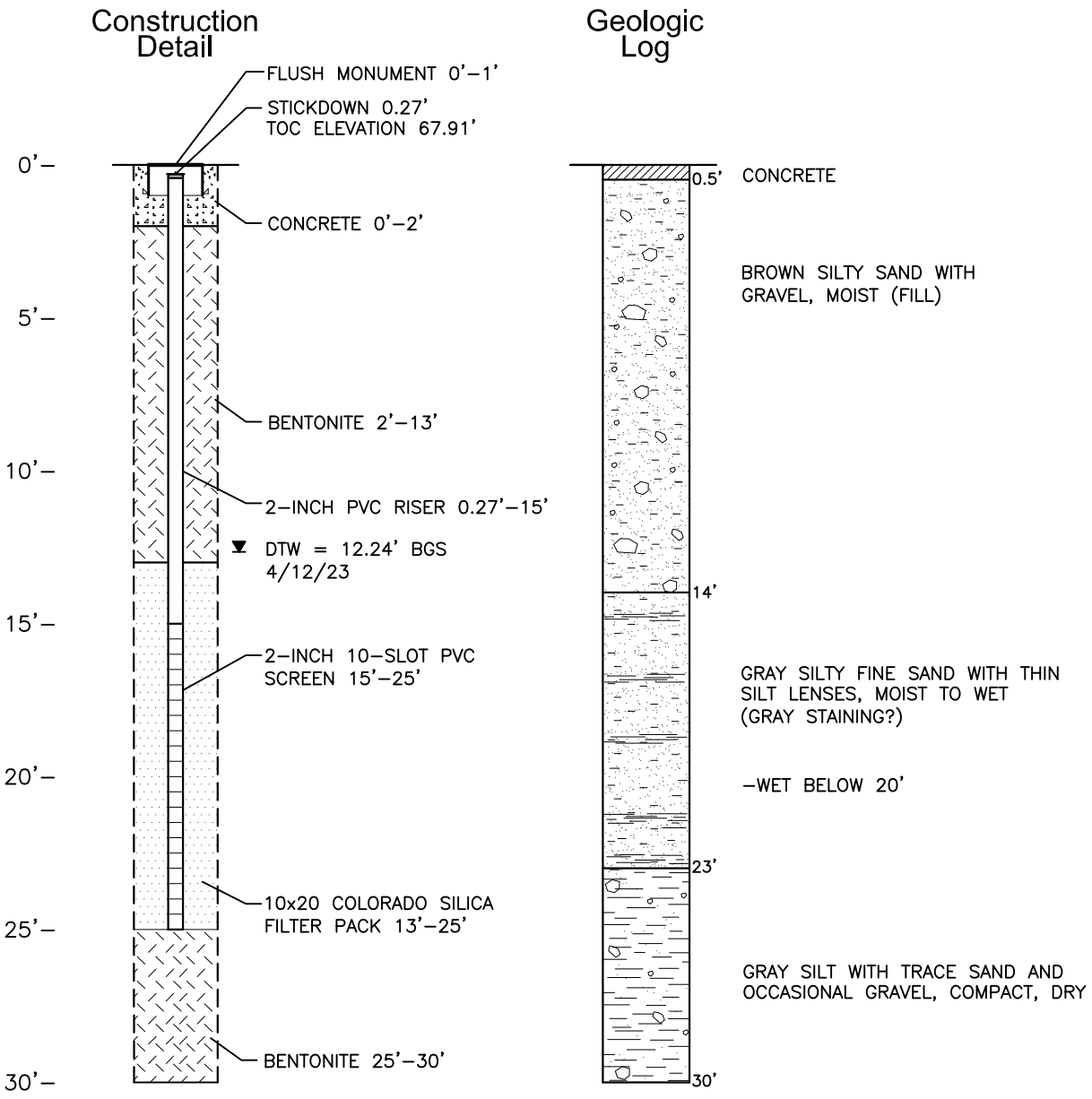
Monitoring Well 2
Construction and Geologic Log

FIGURE 5



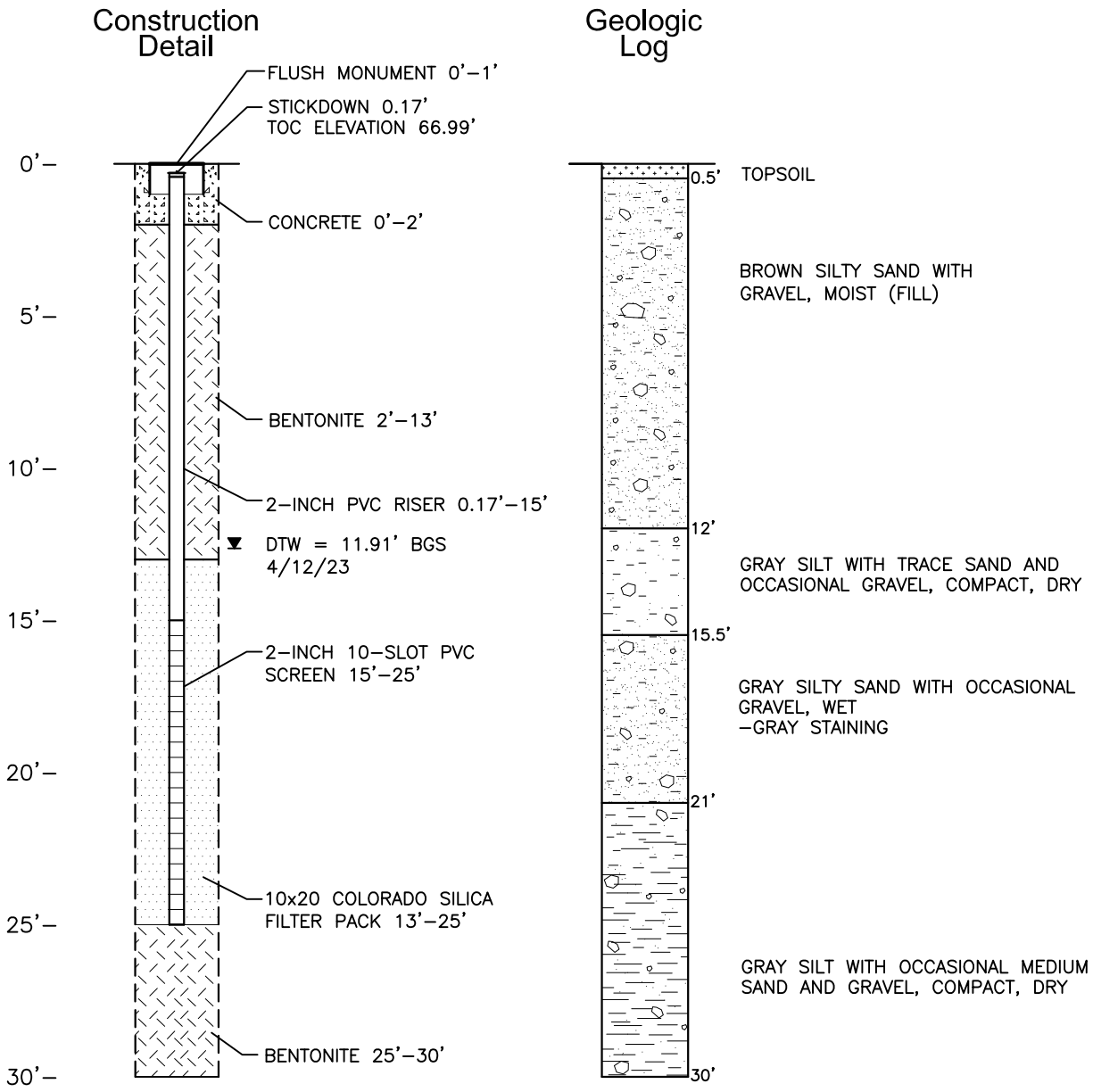
Blow Count Data			
Depth	**0" - 6"**	**6" - 12"**	**12" - 18"**
5'	5	5	10
10'	5	5	20
15'	9	9	15
20'	8	14	18
25'	50/6"	-	-
30'	25	37	50/6"

SAFETY FIRST	CLIENT: Montlake Apartments, LLC	**Monitoring Well 3** **Construction and Geologic Log**
ROBINSON NOBLE a terraphase company	PROJECT: Initial RI 2300 - 24th Avenue East, Seattle	
	PROJECT: W068.001.001	**FIGURE 6**



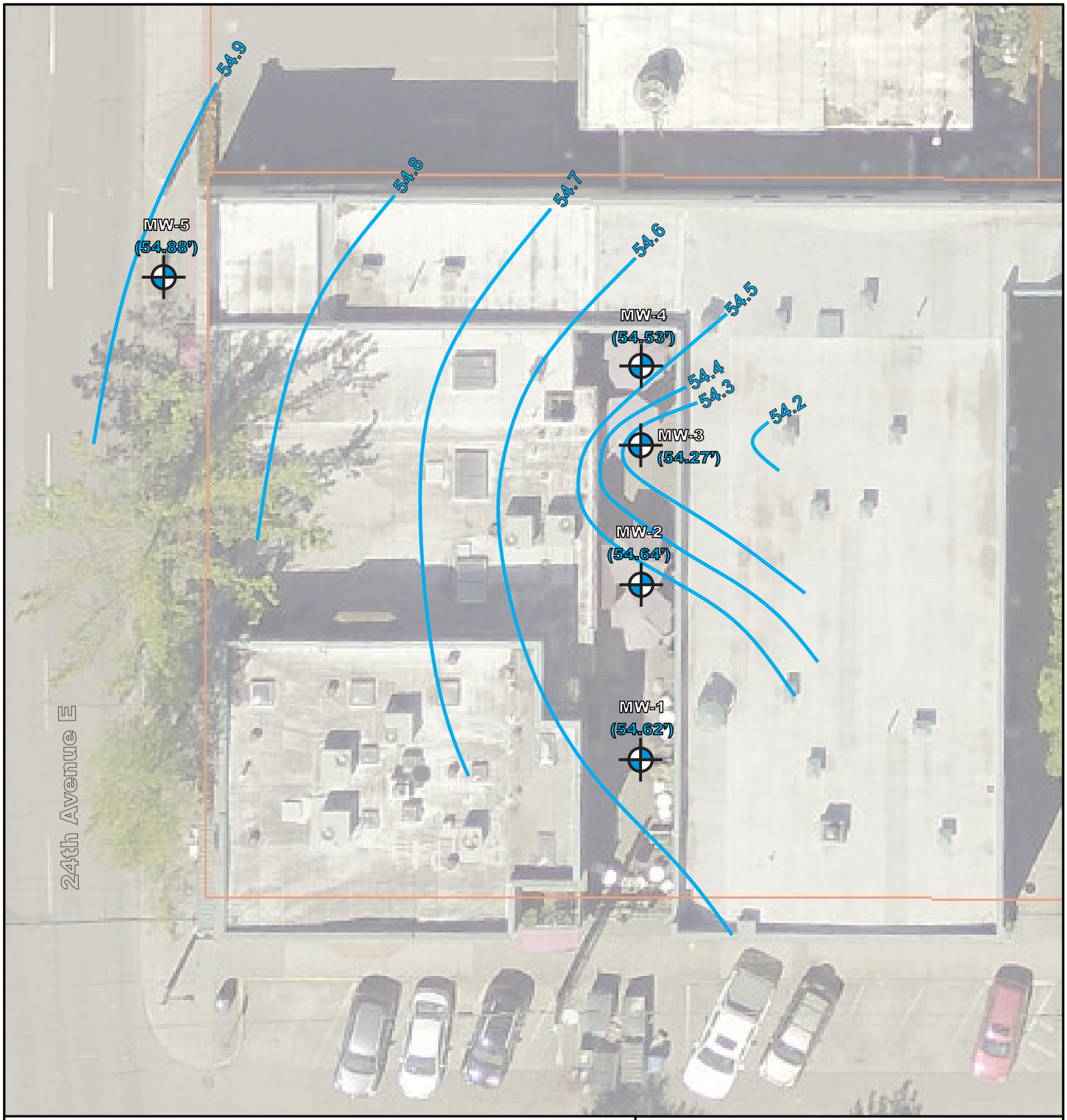
Blow Count Data			
Depth	**0" - 6"**	**6" - 12"**	**12" - 18"**
5'	2	3	4
10'	4	7	12
15'	17	19	20
20'	13	15	15
25'	25	35	45
30'	26	40	50/5"

SAFETY FIRST	CLIENT: Montlake Apartments, LLC	**Monitoring Well 4 Construction and Geologic Log**
ROBINSON NOBLE a terraphase company	PROJECT: Initial RI 2300 - 24th Avenue East, Seattle	
	PROJECT: W068.001.001	**FIGURE 7**



Blow Count Data			
Depth	**0" - 6"**	**6" - 12"**	**12" - 18"**
5'	10	10	10
10'	4	16	15
15'	13	23	41
20'	16	29	42
25'	32	50/4"	-
30'	17	28	37

SAFETY FIRST	CLIENT: Montlake Apartments, LLC	**Monitoring Well 5** **Construction and Geologic Log**
ROBINSON NOBLE a terraphase company	PROJECT: Initial RI 2300 - 24th Avenue East, Seattle	
	PROJECT: W068.001.001	**FIGURE 7**



0 10 20 40 Feet

1 inch = 20 feet

N

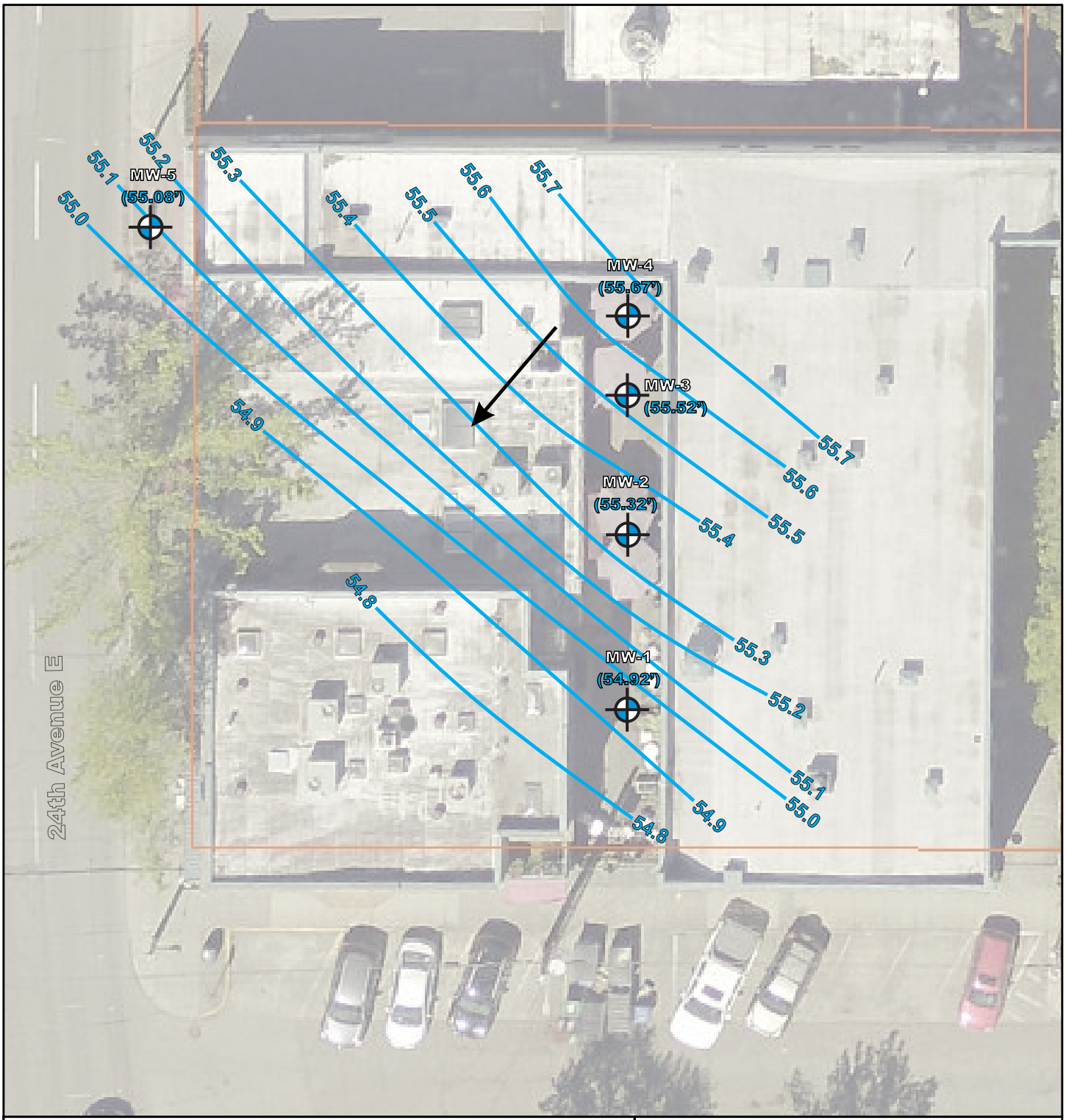
Aerial Imagery Source: King County iMap (https://gismaps.kingcounty.gov/iMap/)

Legend

Monitoring Well Location

Water levels measured 2/22/2023

SAFETY FIRST	CLIENT: Montlake Apartments, LLC	**February 2023 Potentiometric Map**
ROBINSON NOBLE a terraphase company	PROJECT: Initial RI 2300 - 24th Avenue East, Seattle	
	PROJECT NUMBER: W068.001.001	**FIGURE 9**



0 10 20 40 Feet

1 inch = 20 feet

N

Aerial Imagery Source: King County iMap (https://gismaps.kingcounty.gov/iMap/)

Legend

Monitoring Well Location

Water levels measured 4/12/2023

SAFETY FIRST

ROBINSON NOBLE
a terraphase company

CLIENT: Montlake Apartments, LLC

PROJECT: Initial RI
2300 - 24th Avenue East, Seattle

PROJECT NUMBER: W068.001.001

April 2023 Potentiometric Map

FIGURE 10

Appendix A

Parcel Information

ADVERTISEMENT

New Search | Property Tax Bill | Map This Property | Glossary of Terms | Area Report | Property Detail

PARCEL

Parcel Number	678820-1390
Name	MONTLAKE APARTMENTS LLC
Site Address	2300 24TH AVE E 98112
Legal	PIKES 2ND ADD TO UNION CITY

BUILDING 1

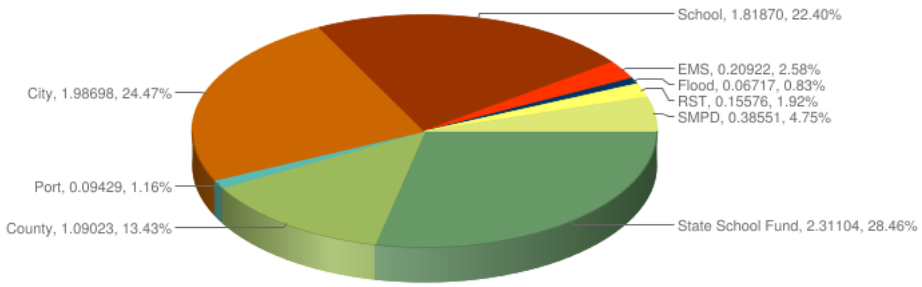
Year Built	1914
Building Net Square Footage	5085
Construction Class	WOOD FRAME
Building Quality	AVERAGE
Lot Size	12000
Present Use	Apartment(Mixed Use)
Views	No
Waterfront	



ADVERTISEMENT

TOTAL LEVY RATE DISTRIBUTION

Tax Year: 2023 **Levy Code:** 0013 **Total Levy Rate:** $8.11890 **Total Senior Rate:** $4.57385



60.30% Voter Approved

Click here to see levy distribution comparison by year.

TAX ROLL HISTORY

Valued Year	Tax Year	Appraised Land Value ($)	Appraised Imps Value ($)	Appraised Total ($)	Appraised Imps Increase ($)	Taxable Land Value ($)	Taxable Imps Value ($)	Taxable Total ($)
2023	2024	3,900,000	2,869,000	6,769,000	0	3,900,000	2,869,000	6,769,000
2022	2023	2,820,000	4,049,000	6,869,000	0	2,820,000	4,049,000	6,869,000
2021	2022	2,820,000	4,180,000	7,000,000	0	2,820,000	4,180,000	7,000,000
2020	2021	2,820,000	4,009,000	6,829,000	0	2,820,000	4,009,000	6,829,000
2019	2020	2,460,000	4,303,000	6,763,000	0	2,460,000	4,303,000	6,763,000
2018	2019	2,100,000	4,064,000	6,164,000	0	2,100,000	4,064,000	6,164,000
2017	2018	2,100,000	3,516,000	5,616,000	0	2,100,000	3,516,000	5,616,000
2016	2017	1,020,000	4,615,000	5,635,000	0	1,020,000	4,615,000	5,635,000
2015	2016	1,020,000	3,602,000	4,622,000	0	1,020,000	3,602,000	4,622,000
2014	2015	1,020,000	3,131,000	4,151,000	0	1,020,000	3,131,000	4,151,000
2013	2014	1,020,000	2,880,000	3,900,000	0	1,020,000	2,880,000	3,900,000
2012	2013	1,020,000	1,880,000	2,900,000	0	1,020,000	1,880,000	2,900,000
2011	2012	1,020,000	2,075,000	3,095,000	0	1,020,000	2,075,000	3,095,000
2010	2011	1,020,000	1,839,000	2,859,000	0	1,020,000	1,839,000	2,859,000
2009	2010	1,020,000	2,116,000	3,136,000	0	1,020,000	2,116,000	3,136,000

2008	2009	1,020,000	2,280,000	3,300,000	0	1,020,000	2,280,000	3,300,000
2007	2008	960,000	1,940,000	2,900,000	0	960,000	1,940,000	2,900,000
2006	2007	840,000	1,835,000	2,675,000	0	840,000	1,835,000	2,675,000
2005	2006	780,000	623,800	1,403,800	0	780,000	623,800	1,403,800
2004	2005	600,000	551,200	1,151,200	0	600,000	551,200	1,151,200
2003	2004	600,000	210,900	810,900	0	600,000	210,900	810,900
2002	2003	600,000	211,200	811,200	0	600,000	211,200	811,200
2001	2002	540,000	640,000	1,180,000	0	540,000	640,000	1,180,000
2000	2001	540,000	640,000	1,180,000	0	540,000	640,000	1,180,000
1999	2000	360,000	820,000	1,180,000	0	360,000	820,000	1,180,000
1998	1999	360,000	820,000	1,180,000	0	360,000	820,000	1,180,000
1997	1998	0	0	0	0	360,000	380,000	740,000
1996	1997	0	0	0	0	360,000	380,000	740,000
1994	1995	0	0	0	0	360,000	380,000	740,000
1993	1994	0	0	0	0	360,000	380,000	740,000
1992	1993	0	0	0	0	360,000	380,000	740,000
1990	1991	0	0	0	0	132,000	298,000	430,000
1989	1990	0	0	0	0	132,000	298,000	430,000
1988	1989	0	0	0	0	132,000	298,000	430,000
1986	1987	0	0	0	0	132,000	218,000	350,000
1984	1985	0	0	0	0	132,000	218,000	350,000
1982	1983	0	0	0	0	94,500	207,400	301,900

ADVERTISEMENT

ADVERTISEMENT

PARCEL DATA

Parcel	678820-1390
Name	MONTLAKE APARTMENTS LLC
Site Address	2300 24TH AVE E 98112
Geo Area	25-46
Spec Area	100-60
Property Name	Montlake Apartments

Jurisdiction	SEATTLE
Levy Code	0013
Property Type	C
Plat Block / Building Number	29
Plat Lot / Unit Number	7-8
Quarter-Section-Township-Range	NW-21-25-4

Legal Description

PIKES 2ND ADD TO UNION CITY
PLat Block: 29
Plat Lot: 7-8

LAND DATA

Highest & Best Use As If Vacant	MIXED USE
Highest & Best Use As Improved	PRESENT USE
Present Use	Apartment(Mixed Use)
Land SqFt	12,000
Acres	0.28

Percentage Unusable	
Restrictive Size Shape	NO
Zoning	NC1-40 (M)
Water	WATER DISTRICT
Sewer/Septic	PUBLIC
Road Access	PUBLIC
Parking	INADEQUATE
Street Surface	PAVED

Views

Rainier	
Territorial	
Olympics	
Cascades	
Seattle Skyline	
Puget Sound	
Lake Washington	
Lake Sammamish	
Lake/River/Creek	
Other View	

Waterfront

Waterfront Location	
Waterfront Footage	0
Lot Depth Factor	0
Waterfront Bank	
Tide/Shore	
Waterfront Restricted Access	
Waterfront Access Rights	NO
Poor Quality	NO
Proximity Influence	NO

Designations

Historic Site	
Current Use	(none)
Nbr Bldg Sites	
Adjacent to Golf Fairway	NO
Adjacent to Greenbelt	NO
Other Designation	NO
Deed Restrictions	NO
Development Rights Purchased	NO
Easements	NO
Native Growth Protection Easement	NO
DNR Lease	NO

Nuisances

Topography	
Traffic Noise	
Airport Noise	
Power Lines	NO
Other Nuisances	NO

Problems

Water Problems	NO
Transportation Concurrency	NO
Other Problems	NO

Environmental

Environmental	NO

ADVERTISEMEN

BUILDING

Building Number	1
Building Description	MIXED-USE APARTMENT
Number Of Buildings Aggregated	1
Predominant Use	APARTMENT (300)
Shape	Rect or Slight Irreg
Construction Class	WOOD FRAME
Building Quality	AVERAGE
Stories	2

Click the camera to see more pictures.

Building Gross Sq Ft	7,416
Building Net Sq Ft	5,085
Year Built	1914
Eff. Year	1995
Percentage Complete	100
Heating System	FORCED AIR UNIT
Sprinklers	No
Elevators	

1 2

Picture of Building 1



Section(s) Of Building Number: 1

Section Number	Section Use	Description	Stories	Height	Floor Number	Gross Sq Ft	Net Sq Ft
3	BASEMENT, UNFINISHED (703)		1	8		1,720	0
2	APARTMENT (300)		1	8		1,750	1,750
1	LINE RETAIL (860)		1	8		3,946	3,335

Apartment / Condo Complex Data

Complex Type	Commercial Complex
Complex Description	
Value Distribution Method	
# of Bldgs	2
# of Stories	2
# of Units	29
Avg Unit Size	347
Land Per Unit	414
Project Location	AVERAGE
Project Appeal	AVERAGE
% With View	0
Construction Class	MASONRY
Building Quality	AVERAGE
Condition	Good
Year Built	1926
Eff Year	1995
% Complete	0
Elevators	N
Security System	Y
FirePlace	N
Laundry	COMMON
Kitchens	Y
# of Meals	0
Founder's Fee	
Apt Conversion	
Condo Land Type	

Unit Breakdown

Unit Type	Number of This Type	Sq Ft	# of Bedrooms	# of Baths
Flat	5	361	1	1
Flat	24	325	S	1

TAX ROLL HISTORY

Account	Valued Year	Tax Year	Omit Year	Levy Code	Appraised Land Value ($)	Appraised Imps Value ($)	Appraised Total Value ($)	New Dollars ($)	Taxable Land Value ($)	Taxable Imps Value ($)	Taxable Total Value ($)	Tax Value Reason
678820139007	2023	2024		0013	3,900,000	2,869,000	6,769,000	0	3,900,000	2,869,000	6,769,000	
678820139007	2022	2023		0013	2,820,000	4,049,000	6,869,000	0	2,820,000	4,049,000	6,869,000	
678820139007	2021	2022		0010	2,820,000	4,180,000	7,000,000	0	2,820,000	4,180,000	7,000,000	
678820139007	2020	2021		0010	2,820,000	4,009,000	6,829,000	0	2,820,000	4,009,000	6,829,000	
678820139007	2019	2020		0010	2,460,000	4,303,000	6,763,000	0	2,460,000	4,303,000	6,763,000	
678820139007	2018	2019		0010	2,100,000	4,064,000	6,164,000	0	2,100,000	4,064,000	6,164,000	

678820139007	2017	2018		0010	2,100,000	3,516,000	5,616,000	0	2,100,000	3,516,000	5,616,000	
678820139007	2016	2017		0010	1,020,000	4,615,000	5,635,000	0	1,020,000	4,615,000	5,635,000	
678820139007	2015	2016		0010	1,020,000	3,602,000	4,622,000	0	1,020,000	3,602,000	4,622,000	
678820139007	2014	2015		0010	1,020,000	3,131,000	4,151,000	0	1,020,000	3,131,000	4,151,000	
678820139007	2013	2014		0010	1,020,000	2,880,000	3,900,000	0	1,020,000	2,880,000	3,900,000	
678820139007	2012	2013		0010	1,020,000	1,880,000	2,900,000	0	1,020,000	1,880,000	2,900,000	
678820139007	2011	2012		0010	1,020,000	2,075,000	3,095,000	0	1,020,000	2,075,000	3,095,000	
678820139007	2010	2011		0010	1,020,000	1,839,000	2,859,000	0	1,020,000	1,839,000	2,859,000	
678820139007	2009	2010		0010	1,020,000	2,116,000	3,136,000	0	1,020,000	2,116,000	3,136,000	
678820139007	2008	2009		0010	1,020,000	2,280,000	3,300,000	0	1,020,000	2,280,000	3,300,000	
678820139007	2007	2008		0010	960,000	1,940,000	2,900,000	0	960,000	1,940,000	2,900,000	
678820139007	2006	2007		0010	840,000	1,835,000	2,675,000	0	840,000	1,835,000	2,675,000	
678820139007	2005	2006		0010	780,000	623,800	1,403,800	0	780,000	623,800	1,403,800	
678820139007	2004	2005		0010	600,000	551,200	1,151,200	0	600,000	551,200	1,151,200	
678820139007	2003	2004		0010	600,000	210,900	810,900	0	600,000	210,900	810,900	
678820139007	2002	2003		0010	600,000	211,200	811,200	0	600,000	211,200	811,200	
678820139007	2001	2002		0010	540,000	640,000	1,180,000	0	540,000	640,000	1,180,000	
678820139007	2000	2001		0010	540,000	640,000	1,180,000	0	540,000	640,000	1,180,000	
678820139007	1999	2000		0010	360,000	820,000	1,180,000	0	360,000	820,000	1,180,000	
678820139007	1998	1999		0010	360,000	820,000	1,180,000	0	360,000	820,000	1,180,000	
678820139007	1997	1998		0010	0	0	0	0	360,000	380,000	740,000	
678820139007	1996	1997		0010	0	0	0	0	360,000	380,000	740,000	
678820139007	1994	1995		0010	0	0	0	0	360,000	380,000	740,000	
678820139007	1993	1994		0010	0	0	0	0	360,000	380,000	740,000	
678820139007	1992	1993		0010	0	0	0	0	360,000	380,000	740,000	
678820139007	1990	1991		0010	0	0	0	0	132,000	298,000	430,000	
678820139007	1989	1990		0010	0	0	0	0	132,000	298,000	430,000	
678820139007	1988	1989		0010	0	0	0	0	132,000	298,000	430,000	
678820139007	1986	1987		0010	0	0	0	0	132,000	218,000	350,000	
678820139007	1984	1985		0010	0	0	0	0	132,000	218,000	350,000	
678820139007	1982	1983		0010	0	0	0	0	94,500	207,400	301,900	

SALES HISTORY

Excise Number	Recording Number	Document Date	Sale Price	Seller Name	Buyer Name	Instrument	Sale Reason
2909593		12/22/2017	$0.00	WRIGHT TAYLOR M	WRIGHT ERIN L	Quit Claim Deed	Quit Claim Deed - gift/full or part interest
2143760	20050801001964	7/28/2005	$2,797,410.00	PIERCE GERALD WM	MONTLAKE APARTMENTS LLC	Statutory Warranty Deed	None

REVIEW HISTORY

Tax Year	Review Number	Review Type	Appealed Value	Hearing Date	Settlement Value	Decision	Status
2014	1304650	Local Appeal	$3,900,000	1/1/1900	$0		Completed
2012	1105597	Local Appeal	$3,095,000	11/1/2012	$3,095,000	SUSTAIN	Completed
2011	1007049	Local Appeal	$2,859,000	1/1/1900	$0		Completed
1999	9802340	Local Appeal	$1,180,000	7/14/1999	$1,180,000	SUSTAIN	Completed
1993	9202120	Local Appeal	$863,000	10/1/1992	$740,000	REVISE, ASSESSOR RECOMMENDED	Completed
1989	8802312	Local Appeal	$500,000	11/15/1988	$430,000	REVISE, ASSESSOR RECOMMENDED	Completed

PERMIT HISTORY

Permit Number	Permit Description	Type	Issue Date	Permit Value	Issuing Jurisdiction	Reviewed Date
6818330-CN	Tenant Improvement to remodel existing coffee shop, per plan,	Remodel	1/14/2021	$74,000	SEATTLE	7/12/2022
6105771	Change of use from Library to restaurant & occupy per plan.	Remodel	10/31/2006	$65,222	SEATTLE	8/10/2007

HOME IMPROVEMENT EXEMPTION

New Search | Property Tax Bill | Map This Property | Glossary of Terms | Area Report | Print Property Detail

ADVERTISEMENT

Appendix B

Nearby Cleanup Site Summaries and Reports

Cleanup Site Details

Cleanup Site ID: 5089

Cleanup Site ID: 5089 **Facility/Site ID:** 2322 **UST ID:** 5754 Site Page | Site Documents | View Map

Cleanup Site Name: Circle K 1461 Glossary

Alternate Names: CIRCLE K 01461, CIRCLE K 1461, CIRCLE K Sta 1461

LOCATION

Address: 2350 24TH AVE E **City:** SEATTLE **Zip Code:** 98112 **County:** King

Latitude: 47.64008 **Longitude:** -122.30182 **WRIA:** 8 **Legislative District:** 43 **Congressional District:** 7 **TRS:** 25N 4E 21

DETAIL

Status: Cleanup Started **NFA Received?** No **Is PSI site?** No

Statute: MTCA **NFA Date:** N/A **Current VCP?** No **Past VCP?** No

Site Rank: 3 - Moderate Risk **NFA Reason:** N/A **Brownfield?** No

Site Manager: Myers, Dale R **Responsible Unit:** Northwest **Active Institutional Control?** No

CLEANUP UNITS

Cleanup Unit Name	Unit Type	Unit Status	Resp Unit	Unit Manager	Current Process
Circle K 1461	Upland	Cleanup Started	NW	Myers, Dale R	Ecology-supervised or conducted

ACTIVE INSTITUTIONAL CONTROLS

Instrument Type	Restriction Media	Restrictions/Requirements	Date	Recording Number	Recording County	Tax Parcel
There are no current Institutional Controls in effect for this site.						

AFFECTED MEDIA & CONTAMINANTS

	MEDIA					
Contaminant	**Soil**	**Groundwater**	**Surface Water**	**Sediment**	**Air**	**Bedrock**
Benzene	C	C				
Non-Halogenated Solvents	C	C				
Petroleum-Gasoline	C	C				

Key:
B - Below Cleanup Level C - Confirmed Above Cleanup Level RA - Remediated-Above
S - Suspected R - Remediated RB - Remediated-Below

SITE ACTIVITIES

Activity	Status	Start Date	End Date/ Completion Date
Site Discovery/Release Report Received	Completed		8/7/1989
LUST - Notification	Completed		8/7/1989
Initial Investigation / Federal Preliminary Assessment	Completed		10/12/1989
LUST - Report Received	Completed		3/6/1990
LUST - Report Received	Completed		8/23/1990
LUST - Report Received	Completed		11/9/1990
Early Notice Letter(s)	Completed		3/20/1991
Cleanup Action Plan	Completed	4/15/1991	7/1/1992

Cleanup Site Details

Cleanup Site ID: 5089

SITE ACTIVITIES

Activity	Status	Start Date	End Date/ Completion Date
Order/Decree/Amendment	In Process	2/19/1992	
LUST - Report Received	Completed		6/1/1992
Remedial Investigation and/or Feasibility Study	Completed	6/1/1992	7/1/1992
O & M	Canceled	7/1/1992	6/30/2002
Cleanup - Construction	Canceled	7/1/1992	12/30/1998
Cleanup Action - Engineering Design	Canceled	7/1/1992	12/30/1998
LUST - Report Received	Completed		1/12/1993
LUST - Report Received	Completed		4/25/1994
Site Hazard Assessment/Federal Site Inspection	Completed	6/1/1994	6/30/1994
Hazardous Sites Listing/NPL	Completed		6/30/1994
LUST - Report Received	Completed		7/7/1998
LUST - Report Received	Completed		1/11/2000
LUST - Report Received	Completed		4/27/2001
LUST - Report Received	Completed		11/26/2003
LUST - Report Received	Completed		6/17/2005
O & M	Canceled	10/2/2006	6/20/2007
Remedial Investigation and/or Feasibility Study	Completed		9/17/2018
Cleanup Action Plan	Completed		9/17/2018

Cleanup Site Details

Cleanup Site ID: 12517

Cleanup Site ID: 12517 **Facility/Site ID:** 7909 **UST ID:** 620185 Site Page | Site Documents | View Map

Cleanup Site Name: Mason Apartments Glossary

Alternate Names: Mason Apartments, TEXACO

LOCATION

Address: 2401 E LYNN ST **City:** SEATTLE **Zip Code:** 98112 **County:** King

Latitude: 47.63929 **Longitude:** -122.30167 **WRIA:** 8 **Legislative District:** 43 **Congressional District:** 7 **TRS:** 25N 4E 21

DETAIL

Status: Cleanup Started **NFA Received?** No **Is PSI site?** No

Statute: MTCA **NFA Date:** N/A **Current VCP?** No **Past VCP?** No

Site Rank: N/A **NFA Reason:** N/A **Brownfield?** No

Site Manager: PLIA **Responsible Unit:** Pollution Liability Ins Agcy **Active Institutional Control?** No

CLEANUP UNITS

Cleanup Unit Name	Unit Type	Unit Status	Resp Unit	Unit Manager	Current Process
Mason Apartments	Upland	Cleanup Started	PLIA	PLIA	PLIA Petroleum Technical

ACTIVE INSTITUTIONAL CONTROLS

Instrument Type	Restriction Media	Restrictions/Requirements	Date	Recording Number	Recording County	Tax Parcel
There are no current Institutional Controls in effect for this site.						

AFFECTED MEDIA & CONTAMINANTS

	MEDIA					
Contaminant	**Soil**	**Groundwater**	**Surface Water**	**Sediment**	**Air**	**Bedrock**
Benzene	C	C				
Lead	B	C				
Non-Halogenated Solvents	C	C				
Petroleum-Diesel	B	B				
Petroleum-Gasoline	C	C				
Petroleum-Other	B	B				
Polycyclic Aromatic Hydrocarbons	S	S				

Key:
B - Below Cleanup Level C - Confirmed Above Cleanup Level RA - Remediated-Above
S - Suspected R - Remediated RB - Remediated-Below

SITE ACTIVITIES

Activity	Status	Start Date	End Date/ Completion Date
Site Discovery/Release Report Received	Completed		10/2/2014
LUST - Notification	Completed		10/2/2014
Initial Investigation / Federal Preliminary Assessment	Completed		10/17/2014
Early Notice Letter(s)	Completed		5/1/2015

Cleanup Site Details

Cleanup Site ID: 5757

Cleanup Site ID: 5757 **Facility/Site ID:** 24792884 **UST ID:** 403305 Site Page | Site Documents | View Map

Cleanup Site Name: Mobil 99MPB Glossary

Alternate Names: Mobil 99MPB, Mobil 99MPB Off-Property, Mobil 99MPB Property NFA, MOBIL STATION 99-MPB, MOBIL STATION 99MPB

LOCATION

Address: 2200 24TH AVE E **City:** SEATTLE **Zip Code:** 98112 **County:** King

Latitude: 47.63896 **Longitude:** -122.30156 **WRIA:** 8 **Legislative District:** 43 **Congressional District:** 7 **TRS:**

DETAIL

Status: Cleanup Started **NFA Received?** No **Is PSI site?** No

Statute: MTCA **NFA Date:** N/A **Current VCP?** No **Past VCP?** Yes

Site Rank: N/A **NFA Reason:** N/A **Brownfield?** No

Site Manager: Northwest Region **Responsible Unit:** Northwest **Active Institutional Control?** Yes

CLEANUP UNITS

Cleanup Unit Name	Unit Type	Unit Status	Resp Unit	Unit Manager	Current Process
Mobil 99MPB Property	Upland	No Further Action Required	NW	Vick, Heather	Standard Voluntary Cleanup
Mobil 99MPB Off-Property	Upland	Cleanup Started	NW	Northwest Region	Independent Action

ACTIVE INSTITUTIONAL CONTROLS

Instrument Type	Restriction Media	Restrictions/Requirements	Date	Recording Number	Recording County	Tax Parcel
Environmental Covenant	Groundwater, Soil	Restrict Land Use, Restrict All Ground Water Extraction/Well Installation, Prohibit Soil Disturbance, Prevent the Reuse or Relocation of Site Soil, Ongoing Maintenance of Remedy, Prohibit Removal or Alteration of Existing Buildings, Prohibit New Building Construction, Control Vapor/Gas	6/28/2019	201906280003900	King	712100035; 8712100040

Institutional Control documents may be available under the 'Site Documents' link at the top of the page. For more details on Institutional Controls, please see the Environmental Covenants Registry List.

AFFECTED MEDIA & CONTAMINANTS

	MEDIA					
Contaminant	**Soil**	**Groundwater**	**Surface Water**	**Sediment**	**Air**	**Bedrock**
Benzene	C	C				
Lead	C	C				
Metals - Other		C				
Metals Priority Pollutants	B	RB				
Methyl tertiary-butyl ether	C	C				
Non-Halogenated Solvents	C	C				
Petroleum-Diesel	C	C				
Petroleum-Gasoline	C	C				
Petroleum-Other	C	C				

Key:
B - Below Cleanup Level
C - Confirmed Above Cleanup Level
RA - Remediated-Above
S - Suspected
R - Remediated
RB - Remediated-Below

SITE ACTIVITIES

Activity	Status	Start Date	End Date/ Completion Date
Site Discovery/Release Report Received	Completed		3/15/1996
LUST - Notification	Completed		1/21/1997
LUST - Report Received	Completed		1/21/1997
LUST - Report Received	Completed		1/21/1997
LUST - Report Received	Completed		2/18/1997
LUST - Report Received	Completed		12/12/1997
LUST - Report Received	Completed		1/29/1998
LUST - Report Received	Completed		7/9/1998
LUST - Report Received	Completed		5/3/1999
LUST - Report Received	Completed		8/9/1999
LUST - Report Received	Completed		10/4/1999
LUST - Report Received	Completed		5/25/2000
LUST - Report Received	Completed		5/30/2000
LUST - Report Received	Completed		7/17/2000
LUST - Report Received	Completed		1/30/2001
LUST - Report Received	Completed		3/5/2001
LUST - Report Received	Completed		4/10/2001
LUST - Report Received	Completed		5/21/2001
LUST - Report Received	Completed		11/1/2001
LUST - Report Received	Completed		1/15/2002
LUST - Report Received	Completed		8/6/2002
LUST - Report Received	Completed		11/5/2002
LUST - Report Received	Completed		3/21/2003
LUST - Report Received	Completed		8/6/2003
LUST - Report Received	Completed		8/22/2003
LUST - Report Received	Completed		10/7/2003
LUST - Report Received	Completed		3/11/2004
LUST - Report Received	Completed		11/1/2004
LUST - Report Received	Completed		1/24/2006
LUST - Report Received	Completed		10/13/2006
LUST - Report Received	Completed		3/27/2007
LUST - Report Received	Completed		5/3/2007
LUST - Report Received	Completed		8/8/2007
LUST - Report Received	Completed		10/17/2007
LUST - Report Received	Completed		9/16/2010

SITE ACTIVITIES

Activity	Status	Start Date	End Date/ Completion Date
VCP Receipt of Plan or Report	Completed		10/15/2011
VCP Status Request	Completed	11/23/2011	12/23/2011
LUST - Report Received	Completed		2/10/2012
LUST - Report Received	Completed		2/10/2012
LUST - Report Received	Completed		2/24/2012
LUST - Report Received	Completed		8/20/2012
LUST - Report Received	Completed		11/30/2012
LUST - Report Received	Completed		3/6/2013
LUST - Report Received	Completed		6/4/2013
LUST - Report Received	Completed		9/13/2013
LUST - Report Received	Completed		12/16/2013
VCP Opinion on Site Cleanup	Completed	12/23/2013	3/5/2014
LUST - Report Received	Completed		5/16/2014
VCP Opinion on Site Cleanup Plan	Completed	5/16/2014	8/1/2014
LUST - Report Received	Completed		7/9/2014
VCP Opinion on Site Cleanup Plan	Completed	7/9/2014	9/22/2014
LUST - Report Received	Completed		8/1/2014
LUST - Report Received	Completed		9/2/2014
LUST - Report Received	Completed		11/26/2014
LUST - Report Received	Completed		11/26/2014
LUST - Report Received	Completed		1/6/2016
LUST - Report Received	Completed		6/7/2016
LUST - Report Received	Completed		6/16/2016
LUST - Report Received	Completed		6/20/2016
LUST - Report Received	Completed		9/15/2016
LUST - Report Received	Completed		11/23/2016
VCP Status Request	Completed	1/17/2017	2/17/2017
LUST - Report Received	Completed		2/23/2017
LUST - Report Received	Completed		6/16/2017
LUST - Report Received	Completed		7/10/2017
VCP Opinion on Site Cleanup	Completed	7/10/2017	4/9/2018
LUST - Report Received	Completed		1/11/2018
LUST - Report Received	Completed		5/16/2018
LUST - Report Received	Completed		6/6/2018
LUST - Report Received	Completed		9/10/2018

Cleanup Site Details

Cleanup Site ID: 5757

SITE ACTIVITIES

Activity	Status	Start Date	End Date/ Completion Date
LUST - Report Received	Completed		9/10/2018
VCP Opinion on Property Cleanup	Completed	9/10/2018	7/29/2019
VCP Opinion on Property Cleanup	Completed	10/24/2019	11/14/2019
Periodic Review	Planned	6/28/2024	

Cleanup Site Details

Cleanup Site ID: 12574

Cleanup Site ID: 12574 **Facility/Site ID:** 14643 **UST ID:** N/A Site Page | Site Documents | View Map

Cleanup Site Name: Montlake Cleaners Glossary

Alternate Names: Montlake Cleaners

LOCATION

Address: 2311 2313 2315 24th Ave E **City:** Seattle **Zip Code:** 98112 **County:** King

Latitude: 47.63994 **Longitude:** -122.30236 **WRIA:** 8 **Legislative District:** 43 **Congressional District:** 7 **TRS:** 25N 4E 21

DETAIL

Status: Cleanup Started **NFA Received?** No **Is PSI site?** No

Statute: MTCA **NFA Date:** N/A **Current VCP?** Yes **Past VCP?** Yes

Site Rank: N/A **NFA Reason:** N/A **Brownfield?** No

Site Manager: Northwest Region **Responsible Unit:** Northwest **Active Institutional Control?** No

CLEANUP UNITS

Cleanup Unit Name	Unit Type	Unit Status	Resp Unit	Unit Manager	Current Process
Montlake Cleaners	Upland	Awaiting Cleanup	NW	Northwest Region	Standard Voluntary Cleanup

ACTIVE INSTITUTIONAL CONTROLS

Instrument Type	Restriction Media	Restrictions/Requirements	Date	Recording Number	Recording County	Tax Parcel
There are no current Institutional Controls in effect for this site.						

AFFECTED MEDIA & CONTAMINANTS

	MEDIA					
Contaminant	**Soil**	**Groundwater**	**Surface Water**	**Sediment**	**Air**	**Bedrock**
Halogenated Solvents	S	C			B	
Other Non-Halogenated Organics	C					

Key:
B - Below Cleanup Level
S - Suspected
C - Confirmed Above Cleanup Level
R - Remediated
RA - Remediated-Above
RB - Remediated-Below

SITE ACTIVITIES

Activity	Status	Start Date	End Date/ Completion Date
Non-LUST Ind Report Received	Completed		11/4/2013
Site Discovery/Release Report Received	Completed		11/4/2014
Initial Investigation / Federal Preliminary Assessment	Completed		11/10/2014
Early Notice Letter(s)	Completed		4/8/2015
VCP Receipt of Plan or Report	Completed		5/12/2015
VCP Receipt of Plan or Report	Completed		4/1/2016
VCP Receipt of Plan or Report	Completed		4/1/2016
VCP Receipt of Plan or Report	Completed		4/1/2016
VCP Receipt of Plan or Report	Completed		4/1/2016

Cleanup Site Details

Cleanup Site ID: 12574

SITE ACTIVITIES

Activity	Status	Start Date	End Date/ Completion Date
VCP Opinion on Site Cleanup Plan	Completed	4/1/2016	8/31/2017
VCP Receipt of Plan or Report	Completed		3/15/2017
VCP Receipt of Plan or Report	Completed		6/22/2018
VCP Status Request	Completed	5/15/2019	6/26/2019
VCP Receipt of Plan or Report	Completed		6/26/2019

INITIAL INVESTIGATION FIELD REPORT

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ERTS Number: 651998
Parcel #(s): 8712100005
County: King
FSID #: 7909
CSID #: 12517
UST ID #: 620185

SITE INFORMATION

Site Name (e.g., Co. name over door): Mason Apartments	Site Address (including City and Zip+4): 2401 E Lynn Street Seattle, WA 98112	Site Phone:
Site Contact and Title:	Site Contact Address (including City and Zip+4):	Site Contact Phone:
Site Owner: Seattle Housing Authority	Site Owner Address (including City and Zip+4): 190 Queen Anne Ave N Seattle 98109	Site Owner Phone: 206-239-1500
Site Owner Contact: Ms. Kathryn Armstrong	Site Owner Contact Address (including City and Zip+4): 190 Queen Anne Ave N Seattle, WA 98109	Owner Contact Phone: 206-615-3561
Alternate Site Name(s):	Comments: (UST ID 620185)	
Previous Site Owner(s):	Comments:	

Latitude (Decimal Degrees):	47.63929
Longitude (Decimal Degrees):	-122.30167

INSPECTION INFORMATION

Inspection Conducted? Yes ☐ No ☒ Date/Time: Entry Notice: Announced ☐ Unannounced ☐

Photographs taken? Yes ☐ No ☒

Samples collected? Yes ☐ No ☒ If *Yes*, be sure to include a figure/sketch showing sample locations.

RECOMMENDATION

No Further Action (Check appropriate box below):

- Release or threatened release does not pose a threat ☐
- No release or threatened release ☐
- Refer to program/agency (Name: _____) ☐
- Independent Cleanup Action Completed (i.e., contamination removed) ☐

LIST on Confirmed and Suspected Contaminated Sites List: ☒

COMPLAINT (Brief Summary of ERTS Complaint):
Free product was detected in wells on-Site at greater thicknesses than at the originally suspected source Property (Mobil Station 99MPB, NW2812, FSID 24792884). Further historical research indicates this Property (2401 E Lynn Street) was a former gasoline service station with dispensers located at area of free product.

CURRENT SITE STATUS (Brief Summary of why Site is recommended for Listing or NFA):
Free product at Property requires additional investigation to determine extent of impacts and whether they are separate or mingled with upgradient property (FS 24792884) contamination.

Investigator: Maureen Sanchez Date Submitted: 10/17/14

OBSERVATIONS.

Description (please be sure to include the following: site observations, site features and cover, chronology of events, sources/past practices likely responsible for contamination, presence of water supply wells and other potential exposure pathways, etc.):

Remedial Investigation/Focused Feasibility Study and Cleanup Action Plan report submitted by Cardno ERI dated July 3, 2014 and historic Sanborn maps indicate that a former gasoline station was formerly located at the Property. Free product has been detected in monitoring well MW-17, which appears to be located at the location of one of the former pump islands. Free product is present at greater thicknesses on MW-17 than has been detected in wells located at the up-gradient (former) Mobil Station 99 MPB.

Property is currently occupied by townhouse-style apartments owned and operated by the Seattle Housing Authority, with ancillary parking and landscaped areas.



(fill in contaminant matrix below with appropriate status choice from the key below the table)

CONTAMINANT GROUP	CONTAMINANT	*SOIL*	*GROUNDWATER*	*SURFACE WATER*	*AIR*	*BEDROCK*	DESCRIPTION
Non-Halogenated Organics	Phenolic Compounds						Compounds containing phenols (Examples: phenol; 4-methylphenol; 2-methylphenol)
	Non-Halogenated Solvents	C	C				Organic solvents, typically volatile or semi-volatile, not containing any halogens. To determine if a product has halogens, search HSDB (http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB) and look at the Chemical/Physical Properties, and Molecular Formula. If there is not a Cl, I, Br, F in the formula, it's not halogenated. (Examples: acetone, benzene, toluene, xylenes, methyl ethyl ketone, ethyl acetate, methanol, ethanol, isopropranol, formic acid, acetic acid, stoddard solvent, Naptha). *Use this when TEX contaminants are present independently of gasoline.*
	Polynuclear Aromatic Hydrocarbons (PAH)	S	S				Hydrocarbons composed of two or more benzene rings.
	Tributyltin						The main active ingredients in biocides used to control a broad spectrum of organisms. Found in antifouling marine paint, antifungal action in textiles and industrial water systems. (Examples: Tributyltin; monobutyltin; dibutyltin)
	Methyl tertiary-butyl ether						MTBE is a volatile oxygen-containing organic compound that was formerly used as a gasoline additive to promote complete combustion and help reduce air pollution.
	Benzene	C	C				Benzene
	Other Non-Halogenated Organics						Other Non-Halogenated Organics (Example: Phthalates)
	Petroleum Diesel	B	B				Petroleum Diesel
	Petroleum Gasoline	C	C				Petroleum Gasoline
	Petroleum Other	B	B				Crude oil and any fraction thereof. Petroleum products that are not specifically Gasoline or Diesel.
Halogenated Organics (see notes at bottom)	PBDE						Polybrominated di-phenyl ether
	Other Halogenated Organics						Other organic compounds with halogens (chlorine, fluorine, bromine, iodine). search HSDB (http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB) and look at the Chemical/Physical Properties, and Molecular Formula. If there is a Cl, I, Br, F in the formula, it is halogenated. (Examples: Hexachlorobutadiene; hexachlorobenzene; pentachlorophenol)
	Halogenated solvents						Solvents containing halogens (Halogen is typically chlorine, but can also be fluorine, bromine, iodine), and their breakdown products (Examples: Trichloroethylene; Tetrachloroethylene (aka Perchloroethylene); TCE; TCA; trans and cis 1,2 dichloroethylene; vinyl chloride)
	Polychlorinated Biphenyls (PCB)						Any of a family of industrial compounds produced by chlorination of biphenyl, noted primarily as an environmental pollutant that accumulates in animal tissue with resultant pathogenic and teratogenic effects
	Dioxin/dibenzofuran compounds (see notes at bottom)						A family of more than 70 compounds of chlorinated dioxins or furans. (Examples: Dioxin; Furan; Dioxin TEQ; PCDD; PCDF; TCDD; TCDF; OCDD; OCDF). *Do not use for 'dibenzofuran', which is a non-chlorinated compound that is detected using the semivolatile organics analysis 8270*
Metals	Metals - Other						Metals other than arsenic, lead, or mercury. (Examples: cadmium, antimony, zinc, copper, silver)
	Lead	B	C				Lead
	Mercury						Mercury
	Arsenic						Arsenic
Pesticides	Non-halogenated pesticides						Pesticides without halogens (Examples: parathion, malathion, diazinon, phosmet, carbaryl (sevin), fenoxycarb, aldicarb)
	Halogenated pesticides						Pesticides with halogens (Examples: DDT; DDE; Chlordane; Heptachlor; alpha-beta and delta BHC; Aldrin; Endosulfan, dieldrin, endrin)

CONTAMINANT GROUP	CONTAMINANT	*SOIL*	*GROUNDWATER*	*SURFACE WATER*	*AIR*	*BEDROCK*	DESCRIPTION
Other Contaminants	Radioactive Wastes						Wastes that emit more than background levels of radiation.
	Conventional Contaminants, Organic						Unspecified organic matter that imposes an oxygen demand during its decomposition (Example: Total Organic Carbon)
	Conventional Contaminants, Inorganic						Non-metallic inorganic substances or indicator parameters that may indicate the existence of contamination if present at unusual levels (Examples: Sulfides, ammonia)
	Asbestos						All forms of Asbestos. Asbestos fibers have been used in products such as building materials, friction products and heat-resistant materials.
	Other Deleterious Substances						Other contaminants or substances that cause subtle or unexpected harm to sediments (Examples: Wood debris; garbage (e.g., dumped in sediments))
	Benthic Failures						Failures of the benthic analysis standards from the Sediment Management Standards.
	Bioassay Failures						For sediments, a failure to meet bioassay criteria from the Sediment Management Standards. For soils, a failure to meet TEE bioassay criteria for plant, animal or soil biota toxicity.
Reactive Wastes	Unexploded Ordinance						Weapons that failed to detonate or discarded shells containing volatile material.
	Other Reactive Wastes						Other Reactive Wastes (Examples: phosphorous, lithium metal, sodium metal)
	Corrosive Wastes						Corrosive wastes are acidic or alkaline (basic) wastes that can readily corrode or dissolve materials they come into contact with. Wastes that are highly corrosive as defined by the Dangerous Waste Regulation (WAC 173-303-090(6)). (Examples: Hydrochloric acid; sulfuric acid; caustic soda)

Status choices for contaminants	
Contaminant Status	**Definition**
B - Below Cleanup Levels (Confirmed)	The contaminant was tested and found to be below cleanup levels. (Generally, we would not enter each and every contaminant that was tested; for example if an SVOC analysis was done we would not enter each SVOC with a status of "below". We would use this for contaminants that were believed likely to be present but were found to be below standards when tested
S - Suspected	The contaminant is suspected to be present; based on some knowledge about the history of the site, knowledge of regional contaminants, or based on other contaminants known to be present
C - Confirmed Above Cleanup Levels	The contaminant is confirmed to be present above any cleanup level. For example - above MTCA method A, B, or C; above Sediment Quality Standards; or above a presumed site-specific cleanup level (such as human health criteria for a sediment contaminant).
RA - Remediated - Above	The contaminant was remediated, but remains on site above the cleanup standards (for example - capped area).
RB - Remediated - Below	The contaminant was remediated, and no area of the site contains this contaminant above cleanup standards (for example - complete removal of contaminated soils).

Halogenated chemicals and solvents: Any chemical compound with chloro, bromo, iodo or fluoro is halogenated; those with eight or fewer carbons are generally solvents (e.g. halogenated methane, ethane, propane, butane, pentane, hexane, heptane or octane) and may also be used for or registered as pesticides or fumigants. Most are dangerous wastes, either listed or categorical. Organic compounds with more carbons are almost always halogenated pesticides or a contaminant or derivitive. Referral to the HSDB is recommended you are unfamiliar with a chemical name or compound, as it contains useful information about synonyms, uses, trade names, waste codes, and other regulatory information about most toxic or potentially toxic chemicals.

Dibenzodioxins and dibenzofurans are normalized to a combined equivalent toxicity based on 2,3,7,8-tetrachloro-p-dibenzodioxin as set out in Ch. 173-340-708(8)(d) and in the Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures using Toxicity Equivalency Factors Focus Sheet (https://fortress.wa.gov/ecy/clarc/FocusSheets/tef.pdf). Results may be reported as individual compounds and isomers (usually lab results), or as a toxic equivalency value (reports).

FOR ECOLOGY II REVIEWER USE ONLY (For Listing Sites):

How did the Site come to be known: ☐ **Site Discovery (received a report):** _____ (Date Report Received)
☐ **ERTS Complaint**
☒ **Other (please explain):** During VCP NW2812 review.

Does an Early Notice Letter need to be sent: ☒ Yes ☐ No
If *No*, please explain why: _____

NAICS Code (if known): _____
Otherwise, briefly explain how property is/was used (i.e., gas station, dry cleaner, paint shop, vacant land, etc.):
Affordable housing

Site Unit(s) to be created (Unit Type): ☒ Upland (includes VCP & LUST) ☐ Sediment
If multiple Units needed, please explain why: _____

Cleanup Process Type (for the Unit): ☒ No Process ☐ Independent Action
☐ Voluntary Cleanup Program ☐ Ecology-supervised or conducted
☐ Federal-supervised or conducted

Site Status: ☒ Awaiting Cleanup ☐ Construction Complete – Performance Monitoring
☐ Cleanup Started ☐ Cleanup Complete – Active O&M/Monitoring
☐ No Further Action Required

Site Manager (Default: Donna Musa): Donna Musa

Specific confirmed contaminants include:

Gas & Benzene in Soil

Gas, Benzene, & Lead in Groundwater

_____ in Other (specify matrix: _____)

Facility/Site ID No. (if known):
7909
Cleanup Site ID No. (if known):
12517

COUNTY ASSESSOR INFO:

Please attach to this report a copy of the tax parcel/ownership information for each parcel associated with the site, as well as a parcel map illustrating the parcel boundary and location.

DEPARTMENT OF ECOLOGY State of Washington

Underground Storage Tank System Summary

UST ID: 620185

Site Name: Mason Apartments

Glossary

UST ID:	620185	**Facility/Site ID:**	7909	**Latitude:**	47.63929	**Active Tag(s):**	N/A
Address:	2401 E LYNN ST SEATTLE, WA 98112			**Longitude:**	-122.30167	**Responsible Unit:**	Northwest
				County:	King		

Tank Summary

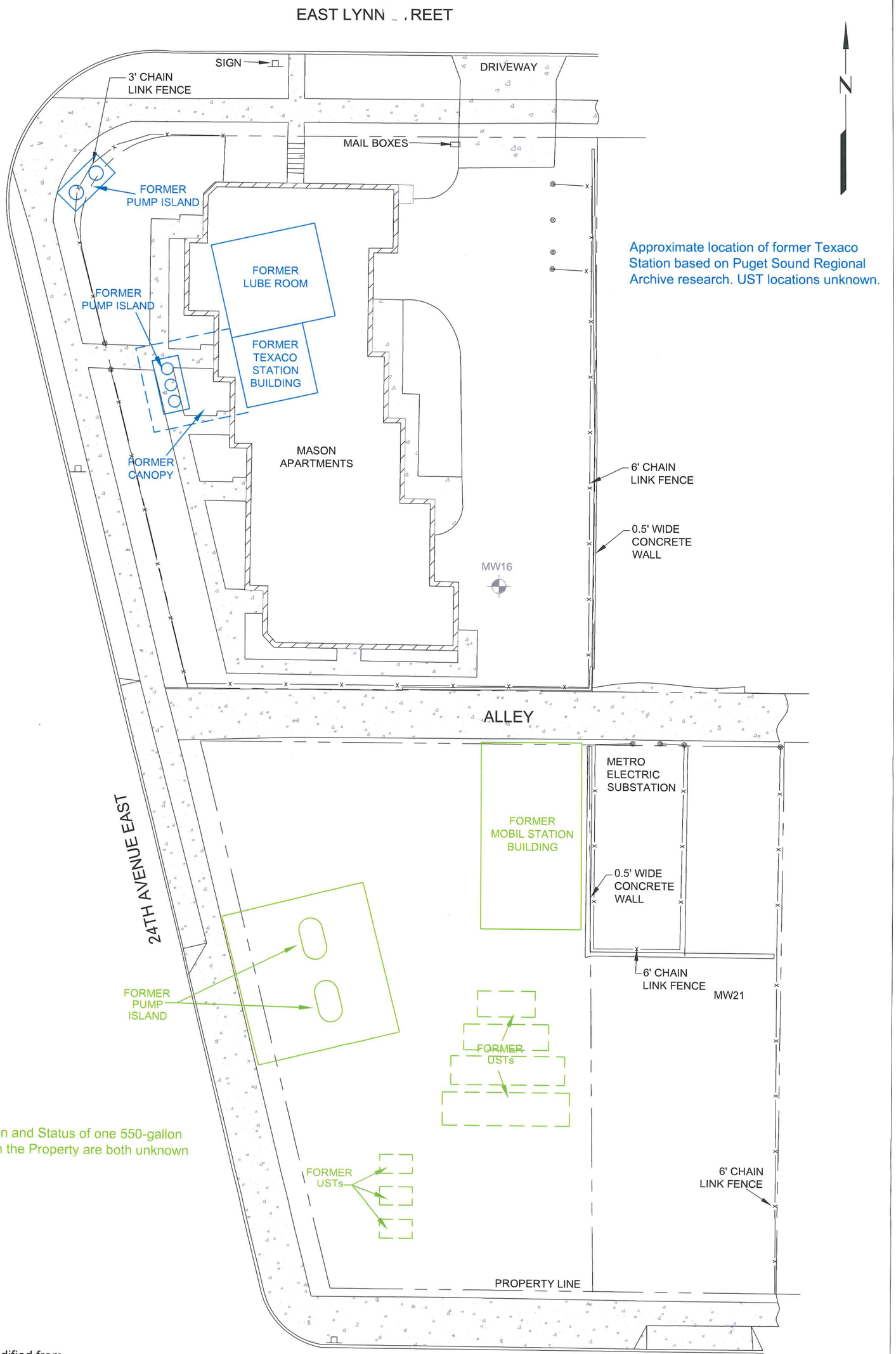
Tank Name	Tank Status	Tank Install Date
1	Unknown	1/1/0001

Tank Name: 1 — Tank Status: Unknown

Tank Installation:	1/1/0001	**Tank Upgrade:**	**Business License Endorsement Expiration:**
Tank Status Date:	12/26/2014	**Piping Installation:**	**Tank Permanently Closed Date:**

Tank Information		Piping Information	
Material:		**Material:**	
Construction:		**Construction:**	
Corrosion Protection:		**Corrosion Protection:**	
Manifolded Tank:		**SFC* at Tank:**	
Release Detection:		**SFC* at Dispenser/Pump:**	
Tank Manufacturer:		**Primary Release Detection:**	
Spill Prevention:		**Secondary Release Detection:**	
Overfill Prevention:		**Pumping System:**	
Actual Capacity:	500 Gallons	**Piping Manufacturer:**	
Capacity Range:		*SFC = Steel Flex Connector	

Compartment	Substance Stored	Substance Used	Capacity
1	Leaded Gasoline	Motor Fuel for Vehicles	500 Gallons



SOURCE: Modified from a map provided by Kleinfelder

FN 0311630002

Cardno ERI
Shaping the Future

POTENTIAL HYDROCARBON SOURCES MAP

FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

EXPLANATION
Concrete
Former Texaco Station and Equipment Location
Former Mobil Station and Equipment Location

PROJECT NO.
031163

PLATE
7
LEC: 07/07/14

Laboratory Results in µg/L

MW20	Well ID
04/18/14	Sample Date
7,710	Total Petroleum Hydrocarbons as Gasoline
757	Total Petroleum Hydrocarbons as Diesel
111	Total Petroleum Hydrocarbons as Motor Oil
19.5	Benzene
7.28	Toluene
53.2	Ethylbenzene
66.2	Total Xylenes
12.6	Total Lead
<5.00	Dissolved Lead

-- = Not Analyzed or Sampled
<1.00 = Less than the Stated Laboratory Reporting Limit
3.50 = NAPL Thickness in feet
NS = Not Sampled

- Numbers or Well Symbols in Red Indicate Dissolved Hydrocarbon Concentrations Which Exceed MTCA Method A Cleanup Levels
- Numbers or Well Symbols in Blue Indicate Dissolved Hydrocarbon Concentrations Below the MTCA Method A Cleanup Levels
- No Data Available for Numbers and Well Symbols in Black
- Numbers or Symbols in Magenta Indicate the Presence of NAPL

MW17			
07/15/13	10/22/13	01/31/14	04/18/14
5.76	4.87	3.50	1.77
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--

MW20		
10/22/13	01/31/14	04/18/14
31,000	14,400	7,710
2,590	1,700	757
<95.2	278	111
299	41.7	19.5
240	34.6	7.28
761	193	53.2
1,210	325	66.2
67.4	9.00	12.6
12.7	12.7	<5.00

MW16			
07/15/13	10/22/13	01/31/14	04/18/14
0.30	0.30	34,600	0.26
--	--	6,100	--
--	--	<100	--
--	--	154	--
--	--	360	--
--	--	862	--
--	--	3,980	--
--	--	11.8	--
--	--	10.9	--

MW8			
07/15/13	10/22/13	01/31/14	04/18/14
<100	<100	<100	<100
<95.2	<95.2	<95.2	<99.0
<95.2	<95.2	<95.2	<99.0
<1.00	<1.00	<1.00	<0.500
3.54	1.15	<1.00	<0.500
<1.00	4.91	<1.00	<0.500
<3.00	19.0	<3.00	<1.50
7.80	18.6	<5.00	<5.00
<5.00	<5.00	<5.00	<5.00

MW18		
10/22/13	01/31/14	04/18/14
13,500	21,700	0.58
1,210	1,040	--
<95.2	<96.2	--
10.0	33.0	--
271	394	--
489	700	--
805	1,330	--
37.7	<5.00	--
7.60	<5.00	--

MW10			
07/15/13	10/22/13	01/31/14	04/18/14
5,330	8,450	2,380	2,790
1,400	2,000	1,970	215
472	1,410	2,100	170
12.0	11.6	<1.00	<0.500
109	143	16.4	0.852
159	343	77.5	78.2
507	754	199	190
16.2	39.1	6.50	<5.00
5.60	10.6	10.6	<5.00

MW19		
10/22/13	01/31/14	04/18/14
206	2,370	2,150
<95.2	138	163
<95.2	190	<94.8
<1.00	<1.00	<0.500
<1.00	<1.00	<0.500
<1.00	<1.00	<0.500
<2.00	<3.00	<1.50
156	13.9	38.5
5.60	5.60	<5.00

MW15			
07/15/13	10/22/13	01/31/14	04/18/14
2,380	6,670	442	266
548	1,520	129	<99.0
95.2	<111	97.4	<99.0
2.88	5.67	<1.00	<0.500
10.8	23.1	<1.00	<0.500
106	194	3.40	2.04
106	309	6.60	4.19
19.6	7.70	<5.00	<5.00
<5.00	6.10	<5.00	<5.00

MW9			
07/15/13	10/22/13	01/31/14	04/18/14
<100	<100	<100	<100
<95.2	<95.2	<95.2	<108
113	<95.2	<95.2	<108
<1.00	<1.00	<1.00	<0.500
<1.00	<1.00	<1.00	<0.500
<1.00	<1.00	<1.00	<0.500
<3.00	<2.00	<5.00	<1.50
<5.00	12.3	<5.00	<5.00
<5.00	<5.00	<5.00	<5.00

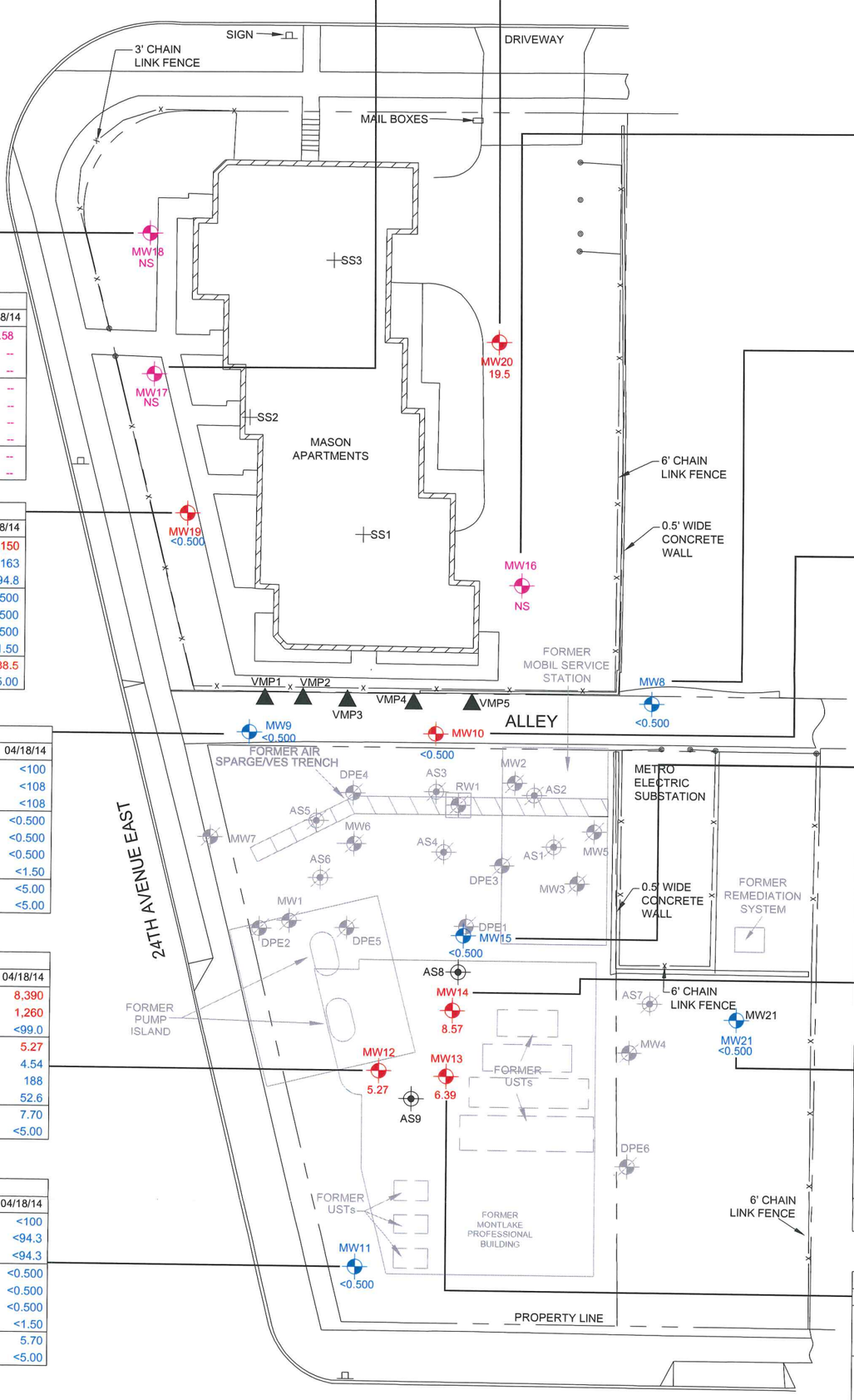
MW14			
07/15/13	10/22/13	01/31/14	04/18/14
1,860	3,630	6,980	7,140
1,060	160	1,040	1,130
890	<95.2	<95.2	<94.8
3.68	1.34	3.16	8.57
1.52	1.69	11.6	13.0
41.8	18.6	143	141
6.97	10.9	95.6	161
6.50	5.50	<5.00	8.60
<5.00	6.00	<5.00	<5.00

MW12			
07/15/13	10/22/13	01/31/14	04/18/14
4,500	4,050	11,400	8,390
984	905	1,770	1,260
145	<95.2	<96.2	<99.0
1.19	4.55	4.35	5.27
1.05	1.66	6.29	4.54
121	46.3	376	188
7.15	17.3	71.1	52.6
8.60	8.30	<5.00	7.70
<5.00	7.40	<5.00	<5.00

MW21
05/02/14
<100
<93.9
<93.9
<0.500
<0.500
<0.500
<1.50
<5.00
<5.00

MW11			
07/15/13	10/22/13	01/31/14	04/18/14
<100	<100	<100	<100
<95.2	<95.2	<95.2	<94.3
<95.2	<95.2	<95.2	<94.3
<1.00	<1.00	<1.00	<0.500
<1.00	<1.00	<1.00	<0.500
<1.00	<1.00	<1.00	<0.500
<3.00	<2.00	<3.00	<1.50
<5.00	22.6	<5.00	5.70
<5.00	<5.00	<5.00	<5.00

MW13			
07/15/13	10/22/13	01/31/14	04/18/14
1,770	1,950	2,440	3,910
417	487	735	1,290
<95.2	<95.2	<100	<98.0
6.40	5.30	3.62	6.39
2.61	2.03	2.43	4.70
91.8	80.8	61.9	168
7.56	8.89	11.9	35.6
7.70	9.40	<5.00	7.30
5.60	<5.00	<5.00	<5.00



SOURCE: Modified from a map provided by Kleinfelder

FN 0311630002

APPROXIMATE SCALE

0 25 50 Feet

Cardno ERI
Shaping the Future

GROUNDWATER SAMPLE ANALYSES MAP - 04/18 & 05/02/14

FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

EXPLANATION

- MW21 — Groundwater Monitoring Well
- <0.500 — Benzene Concentration
- AS9 — Air Sparge Well
- VMP5 — Vapor Monitoring Point
- SS3 — Sub Slab Vapor Sampling Point
- MW7 — Destroyed Groundwater Monitoring Well
- DPE6 — Destroyed Dual Phase Extraction Well
- RW1 — Destroyed Recovery Well
- AS7 — Destroyed Air Sparge Well

PROJECT NO. 031163

PLATE 8

LEC: 05/23/14

Cardno ERI
Shaping the Future

November 14, 2013
Cardno ERI 03116309.LR23

Cardno ERI
License ENVIRRI044JD

801 Second Avenue
Suite 700
Seattle, WA 98108
USA

Phone 206 269 0104
Toll-free 877 470 4334
Fax 206 269 0098
www.cardno.com

www.cardnoeri.com

Voluntary Cleanup Program Coordinator
Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue Southeast
Bellevue, Washington 98008-5452

SUBJECT **Site Summary and Voluntary Cleanup Program Application**
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Voluntary Cleanup Program Coordinator:

At the request of ExxonMobil Environmental Services (EMES), on behalf of ExxonMobil Oil Corporation, Cardno ERI has prepared the enclosed *Site Summary and Voluntary Cleanup Program Application,* dated November 14, 2013, for your review. The purpose of this report is to enter the subject site into the Voluntary Cleanup Program and to request an opinion on the proposed site-wide excavation during redevelopment as an effective means to move toward a property-specific no further action determination under the Model Toxics Control Act.

Cardno ERI and EMES greatly appreciate your cooperation in this matter. Please contact Mr. Justin Foslien, Cardno ERI Project Manager for this site, at 206 394 7230, or Mr. Lee Hanley, EMES Project Manager for this site, at 805 527 4860, with any questions.

Sincerely,

Robert Thompson
Staff Scientist
for Cardno ERI
Direct Line 206 575 9504
Email: robert.thompson@cardno.com

Justin Foslien, L.G. 2540
Project Manager
for Cardno ERI
Direct Line 206 394 7230
Email: justin.foslien@cardno.com

ENCLOSURE

Cardno ERI's ExxonMobil Environmental Services *Site Summary and Voluntary Cleanup Program Application* dated November 14, 2013

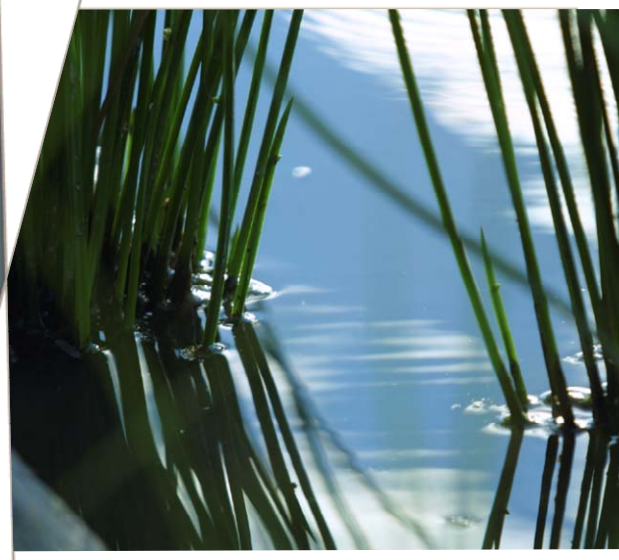
cc: w/enclosure:
Mr. Andrew Rigel, LanePowell PC *(electronic copy)*
Mr. Jacobus Joubert, Exxon Mobil Corporation *(electronic copy)*
Mr. Lee Hanley, ExxonMobil Environmental Services *(electronic copy)*
Office of General Counsel, Seattle Housing Authority *(electronic copy)*
Ms. Annette M. Moore, Independent Counsel to Exxon Mobil Corporation *(electronic copy)*
Director, Housing Finance & Asset Management, Seattle Housing Authority *(electronic copy)*

Site Summary and Voluntary Cleanup Program Application

Former Mobil Station 99MPB

2200 24th Avenue East
Seattle, Washington

Cardno ERI 03116309.R23



Prepared for
ExxonMobil Environmental Services

November 14, 2013

Cardno ERI
Shaping the Future

Site Summary and Voluntary Cleanup Program Application

Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington
Cardno ERI 03116309.R23

November 14, 2013

on behalf of:

Robert Thompson
Staff Scientist
for Cardno ERI
Direct Line 206 575 9504
Email: robert.thompson@cardno.com



Justin Foslien, L.G. 2540
Project Manager
for Cardno ERI
Direct Line 206 394 7230
Email justin.foslien@cardno.com

© Cardno 2012. Copyright in the whole and every part of this document belongs to Cardno and may not be used, sold, transferred, copied or reproduced in whole or in part in any manner or form or in or on any media to any person other than by agreement with Cardno.

This document is produced by Cardno solely for the benefit and use by the client in accordance with the terms of the engagement. Cardno does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by any third party on the content of this document.

Table of Contents

1 Introduction 1

2 Background 2

2.1 Site Description 2

2.1.1 Site Definition 2

2.1.2 Area Description 2

2.1.3 Property History and Use 2

2.1.4 Sources of Hydrocarbon Concentrations and History of Releases 2

2.1.5 Physiographic Setting 2

2.1.6 Surface Water 2

2.1.7 Ecological Setting 2

2.1.8 Geology 2

2.1.9 Groundwater 3

2.1.10 Water Use 3

2.2 Previous Work 3

2.2.1 Historical Fueling System Activities 3

2.2.2 Historical Assessment Activities 3

2.2.3 Historical Remediation Activities 4

2.2.4 Off-Site Assessment Activities 5

2.2.5 Groundwater Monitoring Activities 5

3 Current Site Conditions 6

3.1 Soil 6

3.2 Groundwater 6

4 Voluntary Cleanup Program Application and Agreement 7

4.1 Voluntary Cleanup Program 7

4.2 Terrestrial Ecological Evaluation 7

5 Proposed Work 8

6 Recommendations 9

7 Limitations 10

8 References 11

9 Acronym List 13

Plates

Plate 1 Site Location Map
Plate 2 Generalized Site Plan
Plate 3 Cumulative Soil Sample Analyses Map
Plate 4 Groundwater Sample Analyses Map – 07/15/13
Plate 5 Groundwater Elevation Contour Map – 07/15/13
Plate 6 Proposed Excavation Zones Map
Plate 7 Geologic Cross Section E-E'

Tables

Table 1 Cumulative Soil Analytical Results
Table 2 Groundwater Monitoring and Sampling Schedule and Well Construction Details
Table 3 Cumulative Groundwater Analytical Results
Table 4 Cumulative Soil Vapor Analytical Results

Appendices

Appendix A Voluntary Cleanup Program Application
Appendix B Terrestrial Ecological Evaluation
Appendix C Voluntary Cleanup Program Agreement

1 Introduction

At the request of ExxonMobil Environmental Services (EMES), on behalf of ExxonMobil Oil Corporation, Cardno ERI prepared this site summary, Voluntary Cleanup Program (VCP) Application, and summary of proposed work at the subject site. The purpose of this report is to summarize remedial activities at the subject site and enroll the site in the VCP. Review of historical data from the subject site indicates that concentrations of hydrocarbons in soil and groundwater are not protective of human health and the environment in accordance with the MTCA Cleanup Regulations (Washington Administrative Code (WAC) 173-340). Cardno ERI recommends requesting an opinion from the Washington State Department of Ecology (Ecology) on the proposed site-wide excavation during redevelopment as an effective means to move toward a property-specific no further action (NFA) determination under the MTCA.

2 Background

2.1 Site Description

2.1.1 Site Definition

The site is defined by the extent of release to soil and ground water of gasoline range petroleum TPHg, TPHd, TPHmo, and BTEX associated with 2200 24th Avenue East in Seattle, Washington (the Property). The Property contains a vacant lot, unpaved, overgrown with brush and weeds. Prior to demolition, the site was previously occupied by a two-story professional building and two paved parking lots. An electric substation remains on the northeastern portion of the Property.

2.1.2 Area Description

The Property is located on the south side of Highway 520 and east of Interstate 5 in Seattle, King County, Washington (Plate 1). The area comprises commercial and residential properties. The King County Assessor tax parcel for the property which comprises the site is: 871210-0035, with a description of Township 25N; Range 04E; Section 21; Quarter-Quarter SWNE. The property coordinates are: Latitude 47 Degrees, 38 Minutes, 20 Seconds; Longitude -122 Degrees, 18 Minutes, 05 Seconds (King County, 2013).

2.1.3 Property History and Use

The property contains a vacant lot, unpaved, overgrown with brush and weeds. Prior to demolition, the site was previously occupied by a two-story professional building and two paved parking lots. An electric substation remains on the northeastern portion of the property. Seven underground storage tanks (USTs) of varying size were reported onsite. It is unknown when these tanks were installed or removed. The tanks held the following volumes: 2,000-gallons, 3,000-gallons, 5,000-gallons, and 8,000-gallons. The other three tanks were 750-gallons in size and removed in May of 2007. The locations of the former station building, former USTs and dispenser islands, and other select site features are shown on Plate 2.

2.1.4 Sources of Hydrocarbon Concentrations and History of Releases

The potential sources of the hydrocarbon concentrations present at the site include the former USTs.

2.1.5 Physiographic Setting

The approximate elevation of the site is 70 feet above mean sea level, and the topography of the site slopes generally toward the southeast. The site is currently not paved comprised of overgrown brush and weeds. Zoning is primarily residential, with a couple of commercial zones in the area (Google, 2013).

2.1.6 Surface Water

The nearest surface water body is Union Bay of Lake Washington located approximately 0.3 miles north of the site. There is an unnamed stream and unnamed wetland located approximately 0.25 miles to the east of the site (Cardno, 2012a).

2.1.7 Ecological Setting

There is little terrestrial habitat in the immediate vicinity of the Property. The area is heavily developed as residential and commercial properties (Cardno, 2012a).

2.1.8 Geology

The surficial formations of primary hydrogeologic interest are Vashon recessional outwash deposits and Vashon till. Vashon recessional outwash has been identified as a minor aquifer in the Puget Lowland. It is composed of stratified sand and gravel, and moderately- to well-sorted and well-bedded silty sand to silty

clay deposited in proglacial and ice-marginal environments. Vashon till is considered a semi-confining unit composed of unsorted and unstratified glacial deposits varying widely in size. It is a water source for shallow domestic wells in the Puget Lowland region. The primary deep aquifer in the area of the study site is the Puget Aquifer. It is composed of undifferentiated glacial and interglacial deposits and is generally more than 400 feet thick (Vaccaro, 1998). Soil assessments by Cardno ERI and previous consultants indicate the site is generally underlain by silt and sand deposits with variable moisture content from the surface to approximately 19 to 25 feet bgs, underlain by dry to damp silty clay to clayey silt (Cardno ERI, 2012).

2.1.9 Groundwater

Groundwater observed occurs in the shallow aquifer present beneath the site within this unstratified silt, sand and gravel. The average groundwater gradient historically ranged from north to west and groundwater is typically encountered at depths ranging from approximately 2 to 17 feet bgs (Cardno ERI, 2013).

2.1.10 Water Use

The public water source utilized at the site is from the City of Seattle. The City of Seattle draws water from the Tolt and Cedar River Watersheds. There are no public water wells within 1,500 meters of the site (Cardno, 2012a).

2.2 Previous Work

Environmental activities have been conducted at the site since 1991. In 2001, Environmental Resolutions, Inc. (ERI) became the designated environmental consultant for the site. All available previous consultants' records, reports, and files were transferred to ERI at that time. Cumulative soil analytical results are summarized in Table 1 and Plate 3. Well construction details are summarized in Table 2. Cumulative groundwater analytical results are summarized in Table 3. Cumulative soil vapor results are summarized in Table 4.

2.2.1 Historical Fueling System Activities

The site operated reportedly operated as a retail Mobil service station from 1933 to approximately 1977. The site historically contained six USTs; three were removed at an unknown time between 1969 and 1981, and three unregistered and unregulated 750-gallon single-walled steel USTs located in the southwestern portion of the site were removed in May and June 2007 (ERI, 2007b).

2.2.2 Historical Assessment Activities

In March 1991, Science & Engineering Analysis Corporation (SEACOR) observed the advancement of soil borings B-1, B-2 and B-3 to depths ranging from 18 to 21.5 feet bgs as part of a Phase II soil investigation. Laboratory results indicated that soil samples collected during drilling contained hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels in boring B-2 (SEACOR, 1991).

In September 1992, Kleinfelder, Inc. (Kleinfelder) observed the advancement of six soil borings to depths ranging from 20 to 25 feet bgs. Four of the borings were completed as groundwater monitoring wells MW1 through MW4. Laboratory results indicated hydrocarbon concentrations exceeded the MTCA Method A Cleanup Levels in wells MW1, MW2, and MW3 (Kleinfelder, 1992).

In April 1993, Kleinfelder observed the installation of groundwater monitoring wells MW5, MW6, and MW7. Additionally, hand auger borings HB01 and HB02 were advanced to depths of 7 to 8 feet bgs during the investigation. No data or laboratory analytical results for the hand auger borings could be located. Laboratory results indicated hydrocarbon concentrations exceeded the MTCA Method A Cleanup Levels in wells MW5 and MW6 (Kleinfelder, 1993).

In July 1996, Kleinfelder observed the installation of groundwater monitoring well MW8 to a depth of 20 feet bgs off-site in the alley located north of the site. Laboratory results indicated all soil samples collected were below the MTCA Method A Cleanup Levels (Kleinfelder, 1996).

In May 2003, ERI observed the advancement of borings B1 and B2 and subsequent completion as groundwater monitoring wells MW9 and MW10, respectively. The wells were installed off-site in the alley located north of the site, to a depth of 20 feet bgs. Laboratory results indicated that all soil samples contained hydrocarbon concentrations above the MTCA Method A Cleanup Levels (ERI, 2003a).

In August 2003, ERI observed the advancement of borings B1 through B13 with subsequent completions as AS wells AS1 through AS7 and DPE wells DPE1 through DPE6, respectively. Laboratory results indicated that soil samples collected from borings B4, B6, B7, and B8 contained hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels (ERI, 2003b).

In January 2006, ERI observed the installation of vapor monitoring points VMP1 through VMP5 in the alley off-site to the north. The vapor monitoring points were installed to evaluate potential vapor intrusion into the adjacent building to the north. Laboratory results indicated that soil samples collected from the bottom of each boring were below the MTCA Method A Cleanup Levels (ERI, 2006).

In May 2006, ERI collected soil vapor samples from VMP1 through VMP5. Results indicated that the samples were below soil gas screening levels in accordance with Washington State's draft *Guidance for Evaluating Soil Vapor Intrusion in Washington State, October 2009* (Table 4).

In March 2007, ERI observed the removal of the former remediation system equipment, compound, and associated wells in anticipation of planned excavation and redevelopment by the property owner. This work included the decommissioning of groundwater monitoring wells MW1 through MW7, AS wells AS1 through AS7, DPE wells DPE1 through DPE6, and recovery well RW1 (ERI, 2007a).

In May and June 2007, ERI observed the advancement of soil borings P1 through P38 to depths ranging from 8 to 22.5 to characterize soil at the subject site. Laboratory results indicated that select soil samples collected at depths between 5 and 21.5 feet bgs contained hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels. Laboratory results indicated none of the samples collected below approximately 21.5 feet bgs contained any hydrocarbon concentrations exceeding the laboratory MRL (ERI, 2007a).

In August 2007, ERI observed the advancement of soil borings P39 through P43 to vertically delineate soil at the subject site. The total depths of the borings ranged from 25.5 to 28 feet bgs. Laboratory results indicated that select soil samples collected at depths ranging between 14 and 23.5 feet bgs contained benzene concentrations exceeding the MTCA Method A Cleanup Level (ERI, 2007c).

In October 2007, ERI observed the advancement of borings P44 through P50 to depths ranging between 24 and 26.5 feet bgs. Samples were collected at 5-foot intervals within the upper silt and sand unit from the surface to 14 to 22 feet bgs where the silty clay to clayey silt layer identified during prior investigations was encountered. Samples were then collected at 1- to 2-foot intervals within the underlying silty clay to clayey silt to further evaluate the vertical extent of soil exceeding the MTCA Method A Cleanup Levels. Laboratory results indicated that select soil samples collected between 11 and 24.5 feet bgs contained hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels (ERI, 2007d).

In May 2010, ERI observed the advancement of soil borings B14 through B20 to total depths of 20 to 21 feet bgs. Borings B14 through B17 and B19 were completed as groundwater monitoring/SVE wells MW11 through MW15, respectively. Borings B18 and B20 were completed as AS wells AS8 and AS9, respectively. Laboratory results indicated 9 of 16 soil samples collected contained hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels. None of the remaining samples collected contained any analyte concentrations exceeding the MTCA Method A Cleanup Levels (ERI, 2010a).

2.2.3 Historical Remediation Activities

In July 1995, Kleinfelder observed the installation of a remedial trench with subsurface, horizontal AS and SVE piping and a dewatering well. In September 1995, a trench ventilation/AS test was performed utilizing the remedial trench and wells RW1, MW2, MW3 and MW5. Prior to the test, the trench was de-watered by removing water from recovery well RW1. Vacuum was applied to the trench SVE line while induced vacuum was recorded at wells RW1, MW2, MW5 and MW6. The effective radius of influence outside the trench

boundary during the trench ventilation test was less than 4.5 feet for the applied maximum vacuum of 8 inches of water. Soil vapors collected during the combination trench ventilation/AS test indicated trench ventilation was an effective method for capturing elevated concentrations of hydrocarbons. DO measurements collected during the test indicated sufficient AS of the shallow groundwater within the remedial trench to volatilize organic compounds and enhance existing microbial activities (Kleinfelder, 1995).

Between August and September 2000, Kleinfelder conducted an in-well air stripping remedial method pilot test (pilot test). For the pilot test, monitoring well MW5 was retro-fitted to be utilized as an air injection point. Air was then injected into the bottom portion of the screened interval of well MW5 where aeration of the groundwater occurred causing a spherical convection flow cell between the top and bottom of the screened interval of the well to increase the rate of volatizing VOCs in the groundwater. Vacuum readings were collected from monitoring wells MW2, MW3, MW4 and MW6, but results showed that induced vacuum was not observed. The radius of influence was thus determined to be smaller than the closest well (18 feet). A slight increase in BTEX concentrations in well MW5 suggested that VOCs were being mobilized and that with a minimum of two remediation wells, in-well air stripper remediation would be an efficacious option for on-site remediation (Kleinfelder, 2001).

In 2006, a combined AS/DPE soil and groundwater remediation system was installed to recover hydrocarbons from soil and groundwater beneath the site. During the system's operation from May 16, 2006 to March 6, 2007, the system extracted an estimated 955 pounds of TPHg from the subject site. In March 2007, the former remediation system equipment, compound, and associated wells were removed in anticipation of planned excavation and redevelopment by the property owner.

In May 2010, ERI conducted an AS/SVE feasibility test at the subject site. Monitoring well MW13 was utilized as the extraction well and AS well AS9 was utilized as the sparge well. Over the duration of the 7.5-hour test, an estimated 0.125 pound of TPHg and 0.0015 pound of benzene were removed from monitoring well MW13. It was determined that a dual phase AS/SVE system would not be an effective means for lowering concentrations below applicable cleanup levels (ERI, 2010b).

2.2.4 Off-Site Assessment Activities

In April 2012, Cardno ERI observed the advancement of soil borings B21 and B22 on the western and eastern portions of the Mason Apartments property located directly north of the subject property. Borings B21 and B22 were completed as groundwater monitoring wells MW17 and MW16, respectively, to total depths of 25 feet bgs. Laboratory results indicated soil samples collected from borings B21 and B22 exceeded the MTCA Method A Cleanup Levels (Cardno ERI, 2012).

2.2.5 Groundwater Monitoring Activities

Groundwater monitoring and sampling activities have been performed at the site since September 1992. The groundwater gradient direction has typically been to the northeast, shifting occasionally to the northwest. Data indicates that hydrocarbon concentrations have historically exceeded the MTCA Method A Cleanup Levels in samples collected from on- and off-site wells, with the exception of well MW8. NAPL was historically detected in monitoring wells MW1 through MW3, MW6, and DPE1 through DPE6 prior to their removal in March 2007. NAPL has historically been detected in existing monitoring wells MW10, MW14, MW16, and MW17. Results of groundwater monitoring activities are presented on Table 3 and Plates 4 and 5.

3 Current Site Conditions

3.1 Soil

Concentrations of residual hydrocarbons exceeding the MTCA Method A Cleanup Levels have been observed on the subject site. The detected concentrations extend to depths ranging from 9 through 12 feet on the southeast portion of the subject site, 6 through 21 feet on the central portion of the site, and 5 through 24.5 feet on the north portion of the site. In addition, laboratory results indicate concentrations of residual hydrocarbons exceeding the MTCA Method A Cleanup Levels in the alleyway to the north of the subject property and in the vicinity of the Mason Apartments (Plate 3).

3.2 Groundwater

Results of groundwater sampling conducted in July 2013 indicated concentrations of dissolved phase hydrocarbons which exceeded the MTCA Method A Cleanup Levels in four of five on-site groundwater monitoring wells and in one of three off-site groundwater monitoring wells located in the alley. NAPL was detected in off-site wells MW16 and MW17 located on the Mason Apartments property with, thicknesses of 0.30 and 5.76 feet, respectively (Plates 4 and 5).

4 Voluntary Cleanup Program Application and Agreement

4.1 Voluntary Cleanup Program

Cardno ERI prepared the enclosed VCP Application (Appendix A), Terrestrial Ecological Evaluation (TEE) (Appendix B) and VCP Agreement (Appendix C) for submittal to Ecology under the VCP with a request for an opinion from Ecology on the proposed remedial activities. A site location map, local area map, and site aerial map are included with the VCP Application in Appendix A as Plate A, Plate B, and Plate C, respectively.

4.2 Terrestrial Ecological Evaluation

The TEE Exclusion Form was completed by Cardno ERI in accordance with WAC 173-340-7491. Per WAC 173-340-7491(1)(c), the subject site is eligible for TEE exclusion as there is less than 1.5 acres of contiguous undeveloped land on or within 500 feet of any area of the site (Plate C).

5 Proposed Work

As part of the subject property redevelopment, a third party contractor has developed a work plan for the excavation and removal of soil exceeding the MTCA Method A Cleanup Levels from the subject site (Plates 6 and 7). Redevelopment requires excavation to 10 feet bgs for one level of underground parking. Additional over-excavation to an estimated 12 feet bgs in the central portion and an estimated 23 feet bgs in the northwestern corner of the site will be conducted to remove soil exceeding the MTCA Method A Cleanup Levels on the subject site. As part of the oversight for the excavation Cardno ERI personnel will conduct soil sampling activities during the excavation. Soil samples will be collected to confirm that soil exceeding The MTCA Method A Cleanup Levels is removed from the subject site.

6 Recommendations

Based on the proposed redevelopment plan, Cardno ERI recommends submitting a copy of this report to Ecology for review under the VCP with a request for an opinion on the proposed site-wide excavation during redevelopment as an effective means to move toward a property-specific NFA determination under The MTCA.

7 Limitations

For any documents cited that were not generated by Cardno ERI, the data taken from those documents is used “as is” and is assumed to be accurate. Cardno ERI does not guarantee the accuracy of this data and makes no warranties for the referenced work performed nor the inferences or conclusions stated in these documents.

This report and the works performed have been undertaken in good faith, with due diligence and with the expertise, experience capability and specialized knowledge necessary to perform the Work in a good and workmanlike manner and within all accepted standards pertaining to providers of environmental services, in Washington at the time of investigation. No soil engineering or geotechnical references are implied or should be inferred. The evaluation of the geologic conditions at the site for this investigation is made from a limited number of data points. Subsurface conditions may vary away from these data points.

8 References

Cardno ERI. February 23, 2012a. *Sensitive Receptor Survey*, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.

Cardno ERI. July 27, 2012b. *Off-Site Soil and Groundwater Assessment Report*, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.

Cardno ERI. September 11, 2013. *Groundwater Monitoring Report Third Quarter 2013*, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.

Environmental Resolutions, Inc. (ERI). July 31, 2003a. *Groundwater Monitoring Well Installation*, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington.

Environmental Resolutions, Inc. (ERI). September 23, 2003b. *Air Sparge and Dual Phase Extraction Well Installation*, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington.

Environmental Resolutions, Inc. (ERI). March 27, 2006. *Vapor Monitoring Point Installation Report*, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington.

Environmental Resolutions, Inc. (ERI). August 1, 2007a. *Soil Assessment and Underground Storage Tank Removal Report*, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington.

Environmental Resolutions, Inc. (ERI). August 10, 2007b. *Underground Storage Tank Removal Report*, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington.

Environmental Resolutions, Inc. (ERI). October 10, 2007c. *Additional Soil Assessment Report*, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington.

Environmental Resolutions, Inc. (ERI). December 28, 2007d. *Supplemental Soil Assessment Report*, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington.

Environmental Resolutions, Inc. (ERI). September 8, 2010a. *Remediation Well Installation and Groundwater Monitoring Report*, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.

Environmental Resolutions, Inc. (ERI). September 8, 2010b. *Air Sparge-Soil Vapor Extraction Feasibility Test Technical Memo*, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.

Google Map Data (Google). 2013. https://maps.google.com/. Accessed October 28, 2013.

King County GIS Center (King County). August 22, 2013. *Parcel Viewer 2.0*. http://www.kingcounty.gov/operations/GIS/PropResearch/ParcelViewer.aspx. Accessed October 28, 2013.

Kleinfelder, Inc. (Kleinfelder). November 2, 1992. *Subsurface Exploration*, Former Mobil Service Station #99-MPB, 2200 24th Avenue East, Seattle, Washington.

Kleinfelder, Inc. (Kleinfelder). July 8, 1993. *Additional Subsurface Exploration*, Former Mobil Service Station #99-MPB, 2200 24th Avenue East, Seattle, Washington.

Kleinfelder, Inc. (Kleinfelder). October 13, 1995. *Trench Ventilation/Air-Sparging Testing*, Former Mobil Service Station #99-MPB, 2200 24th Avenue East, Seattle, Washington.

Kleinfelder, Inc. (Kleinfelder). October 2, 1996. *Installation of Monitor Well MW08*, Former Mobil Service Station #99-MPB, 2200 24th Avenue East, Seattle, Washington.

Kleinfelder, Inc. (Kleinfelder). November 2, 2000. *Focused Feasibility Study*, Former Mobil Retail Facility #99-MPB, 2200 24th Avenue East, Seattle, Washington.

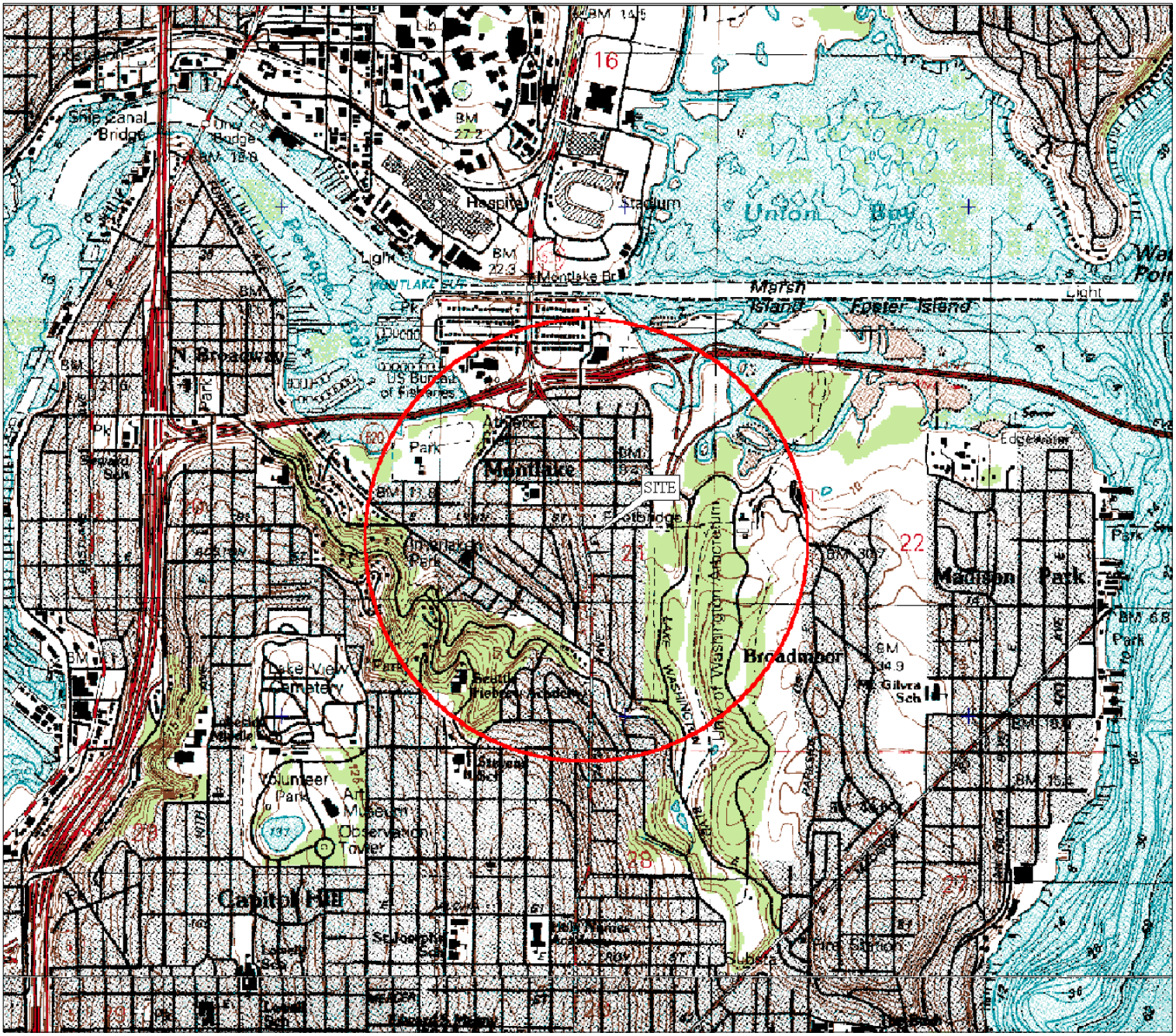
Kleinfelder, Inc. (Kleinfelder). January 5, 2001. *In-Well Air Stripper Pilot Test*, Former Mobil Retail Facility #99-MPB, 2200 24th Avenue East, Seattle, Washington.

Science & Engineering Analysis Corporation (SEACOR). April 3, 1991. *Phase II Soil Investigation*, Montlake Professional Building, Seattle, Washington, SEACOR Job No. 0013-001-01.

Vaccaro, J. J., and others (Vaccaro). 1998. *Hydrogeologic Framework of the Puget Sound aquifer system, Washington and British Columbia*: USGS Professional Paper 1424-B, p. 82.

9 Acronym List

µg/L	Micrograms per liter
µs	Microsiemens
1,2-DCA	1,2-dichloroethane
acfm	Actual cubic feet per minute
AS	Air sparge
bgs	Below ground surface
BTEX	Benzene, toluene, ethylbenzene, and total xylenes
CEQA	California Environmental Quality Act
cfm	Cubic feet per minute
COC	Chain of Custody
CPT	Cone Penetration (Penetrometer) Test
DIPE	Di-isopropyl ether
DO	Dissolved oxygen
DOT	Department of Transportation
DPE	Dual-phase extraction
DTW	Depth to water
EDB	1,2-dibromoethane
EPA	Environmental Protection Agency
ESL	Environmental screening level
ETBE	Ethyl tertiary butyl ether
FID	Flame-ionization detector
fpm	Feet per minute
GAC	Granular activated carbon
gpd	Gallons per day
gpm	Gallons per minute
GWPTS	Groundwater pump and treat system
HVOC	Halogenated volatile organic compound
J	Estimated value between MDL and PQL (RL)
LEL	Lower explosive limit
LPC	Liquid-phase carbon
LRP	Liquid-ring pump
LUFT	Leaking underground fuel tank
LUST	Leaking underground storage tank
MCL	Maximum contaminant level
MDL	Method detection limit
mg/kg	Milligrams per kilogram
mg/L	Milligrams per liter
mg/m^3	Milligrams per cubic meter
MPE	Multi-phase extraction
MRL	Method reporting limit
msl	Mean sea level
MTBE	Methyl tertiary butyl ether
MTCA	Model Toxics Control Act
NAI	Natural attenuation indicators
NAPL	Non-aqueous phase liquid
NEPA	National Environmental Policy Act
NGVD	National Geodetic Vertical Datum
NPDES	National Pollutant Discharge Elimination System
O&M	Operations and Maintenance
ORP	Oxidation-reduction potential
OSHA	Occupational Safety and Health Administration
OVA	Organic vapor analyzer
P&ID	Process & Instrumentation Diagram
PAH	Polycyclic aromatic hydrocarbon
PCB	Polychlorinated biphenyl
PCE	Tetrachloroethene or perchloroethylene
PID	Photo-ionization detector
PLC	Programmable logic control
POTW	Publicly owned treatment works
ppmv	Parts per million by volume
PQL	Practical quantitation limit
psi	Pounds per square inch
PVC	Polyvinyl chloride
QA/QC	Quality assurance/quality control
RBSL	Risk-based screening levels
RCRA	Resource Conservation and Recovery Act
RL	Reporting limit
scfm	Standard cubic feet per minute
SSTL	Site-specific target level
STLC	Soluble threshold limit concentration
SVE	Soil vapor extraction
SVOC	Semivolatile organic compound
TAME	Tertiary amyl methyl ether
TBA	Tertiary butyl alcohol
TCE	Trichloroethene
TOC	Top of well casing elevation; datum is msl
TOG	Total oil and grease
TPHd	Total petroleum hydrocarbons as diesel
TPHg	Total petroleum hydrocarbons as gasoline
TPHmo	Total petroleum hydrocarbons as motor oil
TPHs	Total petroleum hydrocarbons as stoddard solvent
TRPH	Total recoverable petroleum hydrocarbons
UCL	Upper confidence level
USCS	Unified Soil Classification System
USGS	United States Geologic Survey
UST	Underground storage tank
VCP	Voluntary Cleanup Program
VOC	Volatile organic compound
VPC	Vapor-phase carbon



FN 0311630001

EXPLANATION

1/2-mile radius circle

N

APPROXIMATE SCALE

0 0.5 1 mile

SOURCE:
Modified from a map
provided by
DeLorme 3-D TopoQuads

Cardno ERI
Shaping the Future

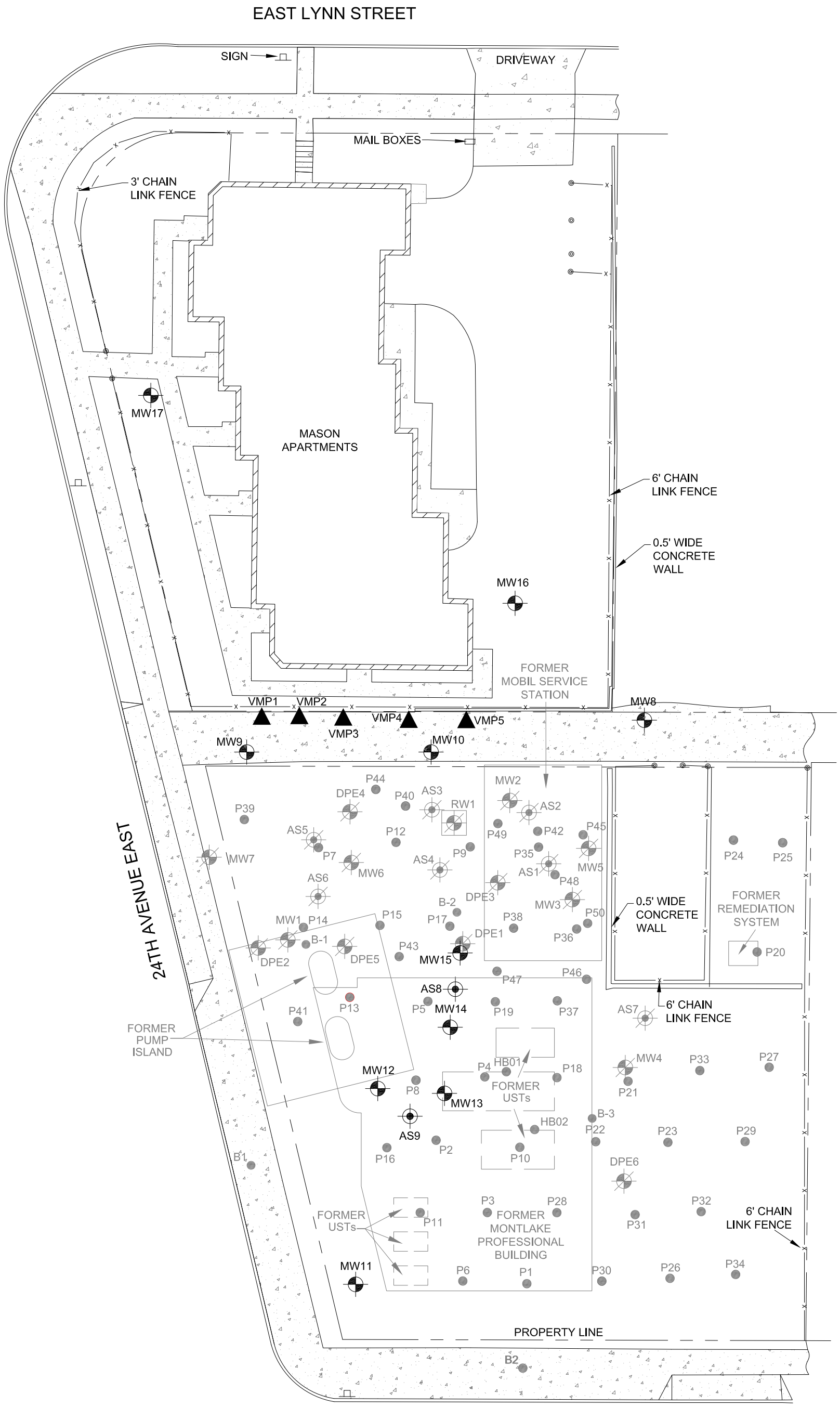
SITE LOCATION MAP

FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

PROJECT NO.
031163

PLATE
1

SY: 12/21/11



SOURCE: Modified from a map provided by Kleinfelder

FN 0311630002

Cardno ERI
Shaping the Future

GENERALIZED SITE PLAN

FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

EXPLANATION

- MW17 — Groundwater Monitoring Well
- AS9 — Air Sparge Well
- VMP5 — Vapor Monitoring Point
- MW7 — Destroyed Groundwater Monitoring Well
- DPE6 — Destroyed Dual Phase Extraction Well
- RW1 — Destroyed Recovery Well
- AS7 — Destroyed Air Sparge Well
- P50 — Historic Soil Boring
- Concrete

PROJECT NO. 031163

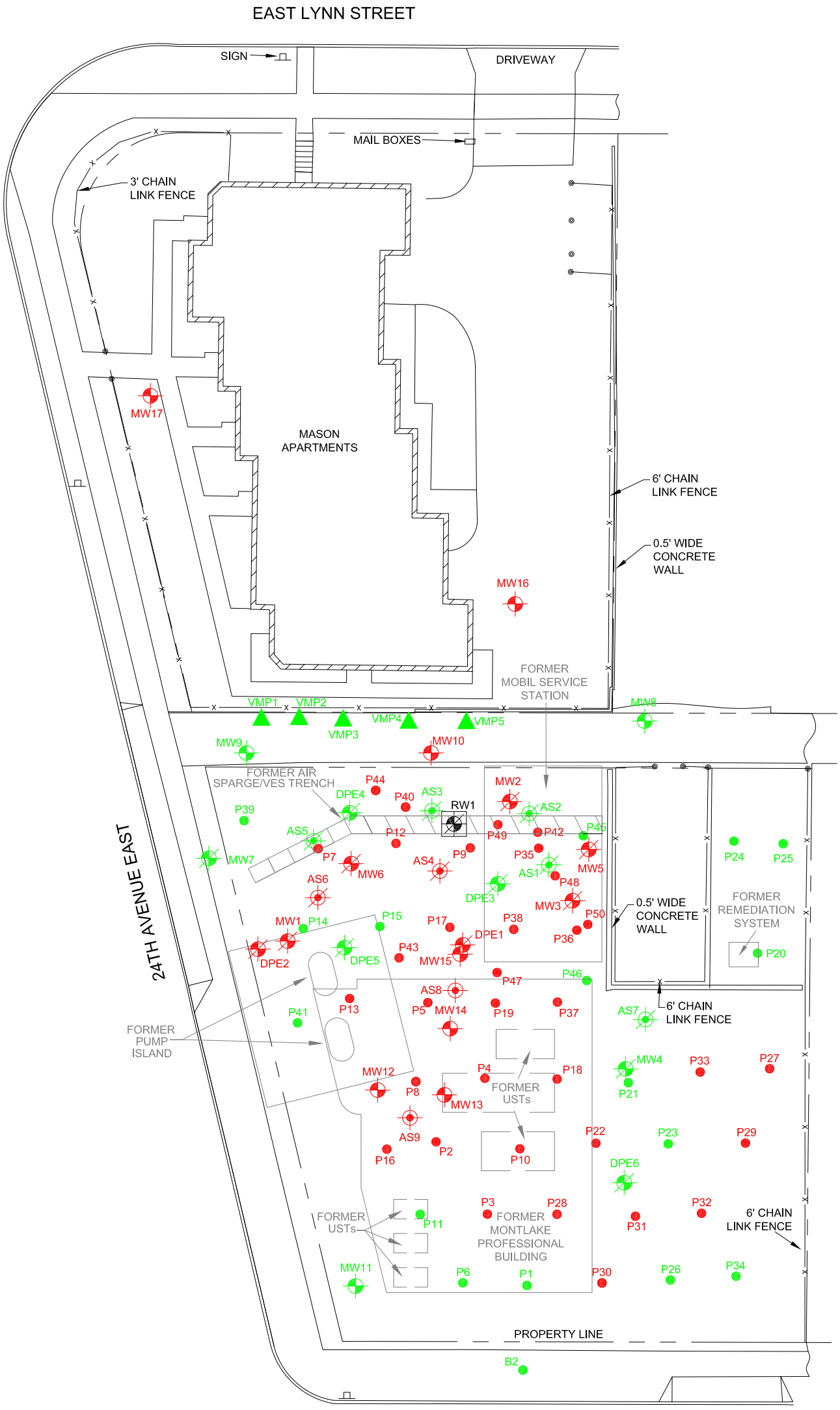
PLATE 2

EJB: 11/5/12

Numbers or Symbols in Red Indicate Residual Hydrocarbon Concentrations Exceeding MTCA Method A Cleanup Levels

Numbers or Symbols in Green Indicate Residual Hydrocarbon Concentrations Below MTCA Method A Cleanup Levels

No Data Available for Numbers or Symbols in Black



SOURCE: Modified from a map provided by Kleinfelder

FN 0311630002

APPROXIMATE SCALE

0 25 50 Feet

Cardno ERI

Shaping the Future

CUMULATIVE SOIL SAMPLE ANALYSES MAP

FORMER MOBIL STATION 99MPB

2200 24th Avenue East

Seattle, Washington

EXPLANATION

- MW17 Groundwater Monitoring Well
- AS9 Air Sparge Well
- VMP5 Vapor Monitoring Point
- MW7 Destroyed Groundwater Monitoring Well
- DPE6 Destroyed Dual Phase Extraction Well
- RW1 Destroyed Recovery Well
- AS7 Destroyed Air Sparge Well
- P50 Historical Soil Boring

PROJECT NO. 031163

PLATE 3

RRT: 07/01/13

Laboratory Results in µg/L

MW10	Well ID
07/15/13	Sample Date
5,330	Total Petroleum Hydrocarbons as Gasoline
1,400	Total Petroleum Hydrocarbons as Diesel
472	Total Petroleum Hydrocarbons as Motor Oil
12.0	Benzene
109	Toluene
159	Ethylbenzene
507	Total Xylenes
16.2	Total Lead
5.60	Dissolved Lead

-- = Not Analyzed or Sampled
<1.00 = Less than the Stated Laboratory Reporting Limit
5.76 = Depth of NAPL

- Numbers or Well Symbols in Red Indicate Dissolved Hydrocarbon Concentrations Which Exceed MTCA Method A Cleanup Levels
- Numbers or Well Symbols in Blue Indicate Dissolved Hydrocarbon Concentrations Below the MTCA Method A Cleanup Levels
- No Data Available for Numbers and Well Symbols in Black
- Numbers or Symbols in Magenta Indicate the Presence of NAPL

One half the laboratory method reporting limit (MRL) used for contouring when result not detected above the MRL

NS: Not Sampled

MW17			
10/10/12	01/07/13	04/10/13	07/15/13
5.34	1.42	1.36	5.76
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--

MW10			
10/10/12	01/07/13	04/10/13	07/15/13
9,850	2,380	1,350	5,330
3,040	1,270	<95.2	1,400
716	1,110	<95.2	472
19.3	<1.00	1.10	12.0
172	3.88	11.3	109
526	80.1	15.1	159
1,590	175	45.9	507
7.20	11.7	11.1	16.2
5.70	5.70	5.70	5.60

MW9			
10/10/12	01/07/13	04/10/13	07/15/13
<100	<100	<100	<100
<96.2	<95.2	397	<95.2
<96.2	<95.2	303	113
<1.00	<1.00	<1.00	<1.00
<1.00	<1.00	<1.00	<1.00
<1.00	<1.00	<1.00	<1.00
<3.00	<3.00	<3.00	<3.00
<5.00	<5.00	<5.00	<5.00
<5.00	<5.00	<5.00	<5.00

MW12			
10/10/12	01/07/13	04/10/13	07/15/13
3,310	5,030	11,300	4,500
822	1,760	434	984
<96.2	<95.2	<95.2	145
8.62	6.94	3.35	1.19
2.05	6.87	3.02	1.05
38.1	377	227	121
13.8	85.3	28.1	7.15
<5.00	<5.00	8.10	8.60
<5.00	<5.00	<5.00	<5.00

MW11			
10/10/12	01/07/13	04/10/13	07/15/13
<100	<100	<100	<100
<96.2	<95.2	1,840	<95.2
<96.2	<95.2	<94.3	<95.2
<1.00	<1.00	<1.00	<1.00
<1.00	<1.00	<1.00	<1.00
<1.00	<1.00	<1.00	<1.00
<3.00	<3.00	<3.00	<3.00
<5.00	<5.00	<5.00	<5.00
<5.00	<5.00	<5.00	<5.00

MW16			
10/10/12	01/07/13	04/10/13	07/15/13
0.13	0.10	0.06	0.30
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--

MW8			
10/10/12	01/07/13	04/10/13	07/15/13
<100	<100	<100	<100
<96.2	<95.2	<95.2	<95.2
<96.2	<95.2	<95.2	<95.2
<1.00	<1.00	<1.00	<1.00
<1.00	<1.00	<1.00	3.54
1.04	<1.00	<1.00	<1.00
<3.00	<3.00	<3.00	<3.00
<5.00	6.90	6.10	7.80
<5.00	<5.00	<5.00	<5.00

MW15			
10/10/12	01/07/13	04/10/13	07/15/13
4,690	806	1,720	2,380
1,430	424	454	548
<96.2	<95.2	<95.2	95.2
7.32	<1.00	<1.00	2.88
19.0	1.42	2.06	10.8
152	22.9	31.4	106
241	39.3	68.9	106
<5.00	<5.00	<5.00	19.6
<5.00	<5.00	<5.00	<5.00

MW14			
10/10/12	01/07/13	04/10/13	07/15/13
0.02	3,350	4,860	1,860
--	1,220	1,090	1,060
--	<100	<94.3	890
--	3.76	5.57	3.68
--	3.06	13.2	1.52
--	103	153	41.8
--	95.9	152	6.97
--	5.00	<5.00	6.50
--	<5.00	<5.00	<5.00

MW13			
10/10/12	01/07/13	04/10/13	07/15/13
1,930	589	997	1,770
856	314	1,200	417
<96.2	<95.2	<93.5	<95.2
20.7	1.99	2.22	6.40
1.09	1.80	1.97	2.61
40.1	53.2	86.7	91.8
5.10	8.57	11.8	7.56
8.60	<5.00	<5.00	7.70
<5.00	<5.00	<5.00	5.60

EAST LYNN STREET
SIGN
DRIVEWAY
MAIL BOXES
3' CHAIN LINK FENCE
MW17 NS
MASON APARTMENTS
6' CHAIN LINK FENCE
0.5' WIDE CONCRETE WALL
MW16 NS
FORMER MOBIL SERVICE STATION
MW8 <1.00
VMP1 VMP2 VMP3 VMP4 VMP5
MW10 5,330 1,400 12.0
MW9 <1.00
MW2 MW7 MW6 MW5 MW1 MW3 MW4
AS1 AS2 AS3 AS4 AS5 AS6 AS7 AS8 AS9
DPE1 DPE2 DPE3 DPE4 DPE5 DPE6
RW1
MW15 2.88
MW14 3.68
MW12 1.19
MW13 5 6.40
MW11 <1.00
24TH AVENUE EAST
FORMER PUMP ISLAND
FORMER USTs
FORMER REMEDIATION SYSTEM
FORMER MONTLAKE PROFESSIONAL BUILDING
PROPERTY LINE
EAST BOSTON STREET

SOURCE: Modified from a map provided by Kleinfelder

FN 0311630002

APPROXIMATE SCALE
0 25 50 Feet

Cardno ERI
Shaping the Future

GROUNDWATER SAMPLE ANALYSES MAP - 07/15/13

FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

EXPLANATION
- MW15 — Groundwater Monitoring Well
- 2.88 — Benzene Concentration
- Inferred Benzene Concentration Contour Line
- AS9 — Air Sparge Well
- VMP5 — Vapor Monitoring Point
- MW7 — Destroyed Groundwater Monitoring Well
- DPE6 — Destroyed Dual Phase Extraction Well
- RW1 — Destroyed Recovery Well
- AS7 — Destroyed Air Sparge Well

PROJECT NO. 031163

PLATE 4

RRT: 08/13/13

Numbers or Well Symbols in Red Indicate Dissolved Hydrocarbon Concentrations which Exceed MTCA Method A Cleanup Levels

Numbers or Well Symbols in Blue Indicate Dissolved Hydrocarbon Concentrations Below MTCA Method A Cleanup Levels

No Data Available for Numbers or Well Symbols in Black

Number or Symbols in Magenta Indicate the Presence of NAPL

N

EAST LYNN STREET

SIGN

DRIVEWAY

MAIL BOXES

3' CHAIN LINK FENCE

MW17
57.52

MASON APARTMENTS

6' CHAIN LINK FENCE

0.5' WIDE CONCRETE WALL

57

MW16
56.73

FORMER MOBIL SERVICE STATION

VMP1 VMP2 VMP3 VMP4 VMP5

MW8
57.90

58

MW9
58.03

MW10
58.32

MW2 AS2 AS3 RW1 DPE4 AS5 MW7 MW6 AS6 AS4 AS1 MW5 DPE3 MW3 59

MW1 DPE2 DPE5

MW15
59.46

DPE1

0.5' WIDE CONCRETE WALL

FORMER REMEDIATION SYSTEM

AS8

MW14
59.72

AS7

6' CHAIN LINK FENCE

MW4

FORMER PUMP ISLAND

60

MW12
60.18

MW13
60.11

AS9

FORMER USTs

DPE6

61

FORMER USTs

FORMER MONTLAKE PROFESSIONAL BUILDING

6' CHAIN LINK FENCE

MW11
61.90

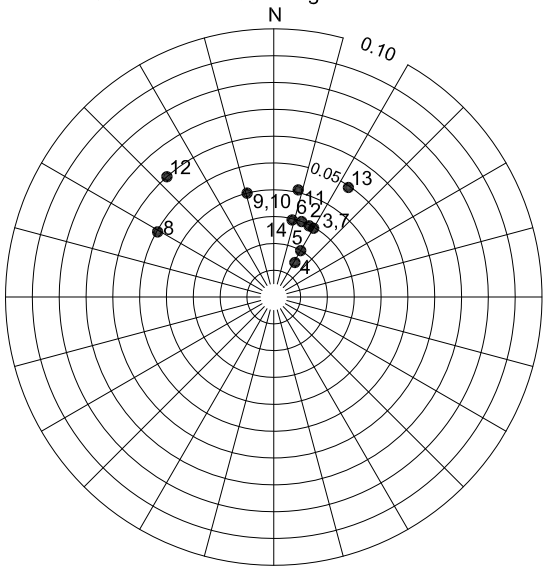
PROPERTY LINE

24TH AVENUE EAST

EAST BOSTON STREET

AVERAGE GRADIENT DIRECTION

Groundwater Rose Diagram for MW13



Direction of hydraulic gradient at MW13 for dates shown

1. 05/18/10
2. 08/18/10
3. 11/10/10
4. 02/18/11
5. 05/06/11
6. 08/19/11
7. 10/21/11
8. 01/04/12
9. 04/27/12
10. 07/17/12
11. 10/10/12
12. 01/07/13
13. 04/10/13
14. 07/15/13

SOURCE: Modified from a map provided by Kleinfelder

FN 0311630002

APPROXIMATE SCALE

0 25 50 Feet

Cardno ERI
Shaping the Future

GROUNDWATER ELEVATION CONTOUR MAP - 07/15/13

FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

EXPLANATION

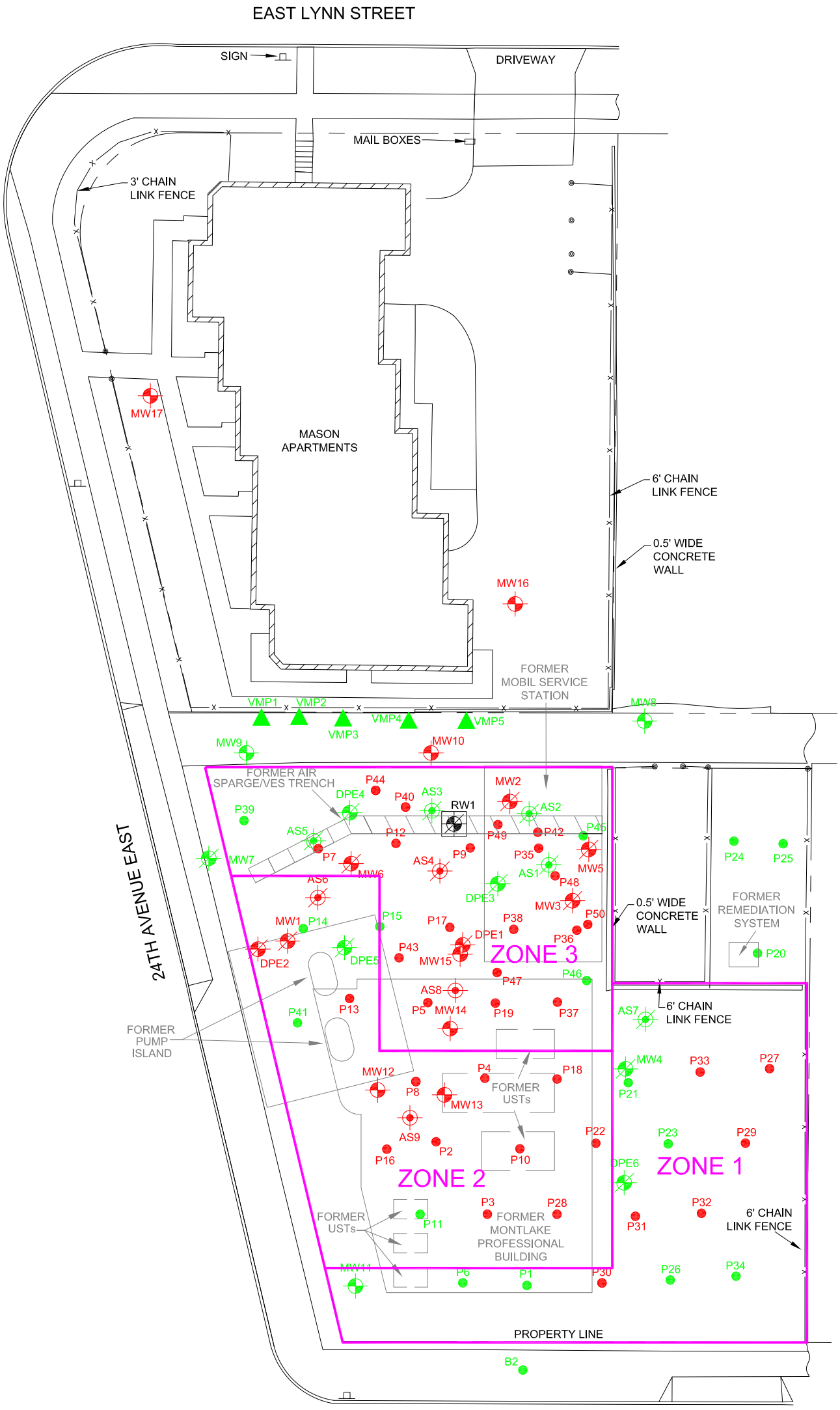
- MW17 — Groundwater Monitoring Well
- 57.52 — Groundwater Elevation
- Groundwater Elevation Contour Line
- AS9 — Air Sparge Well
- VMP5 — Vapor Monitoring Point
- DPE6 — Destroyed Dual Phase Extraction Well
- RW1 — Destroyed Recovery Well
- AS7 — Destroyed Air Sparge Well
- MW7 — Destroyed Groundwater Monitoring Well

PROJECT NO. 031163

PLATE 5

EJB: 09/03/13

- Numbers or Symbols in Red Indicate Residual Hydrocarbon Concentrations Exceeding MTCA Method A Cleanup Levels
- Numbers or Symbols in Green Indicate Residual Hydrocarbon Concentrations Below MTCA Method A Cleanup Levels
- No Data Available for Numbers or Symbols in Black



ZONE 1: Excavate to ~10 feet bgs (less than 10 feet in most places due to site gradient)

ZONE 2: Excavate to 10 feet bgs, overexcavate to 12 feet bgs.

ZONE 3: Excavate to 10 feet bgs, overexcavate to 23 feet bgs.

SOURCE: Modified from a map provided by Kleinfelder

FN 0311630002

APPROXIMATE SCALE

0 25 50 Feet

Cardno ERI
Shaping the Future

PROPOSED EXCAVATION ZONES MAP

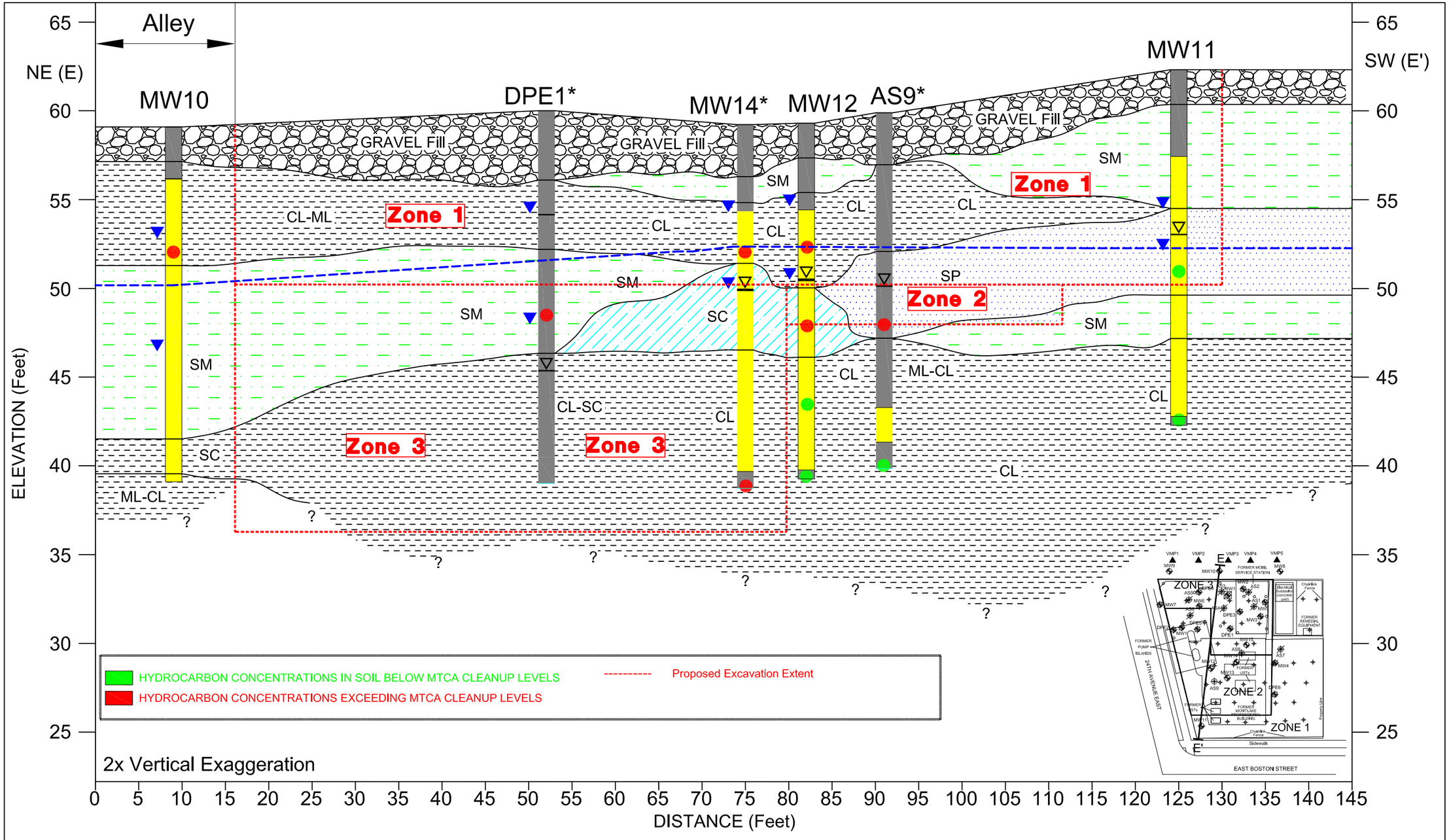
FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

EXPLANATION

- MW17 Groundwater Monitoring Well
- AS9 Air Sparge Well
- VMP5 Vapor Monitoring Point
- MW7 Destroyed Groundwater Monitoring Well
- DPE6 Destroyed Dual Phase Extraction Well
- RW1 Destroyed Recovery Well
- AS7 Destroyed Air Sparge Well
- P50 Historical Soil Boring

PROJECT NO.
031163

PLATE
6
RRT: 07/01/13



Cardno ERI
801 Second Avenue, Suite 700
Seattle, Washington

Project # 031163

Cardno ERI
Shaping the Future

Plate 7

GEOLOGIC CROSS SECTION E-E'

FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

LEGEND

- GRAVEL Fill
- Silty SAND, (SM)
- Silty CLAY and CLAY, (CL/ML)
- Clayey SAND, (SC)
- SAND, Poorly Graded, (SP)
- ▼ Historic High/Low Groundwater Level
- ▽ Water Encountered During Drilling
- * Well Projected onto Cross-Section
- ------ Inferred Static Water Level

TABLE 1
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Sample Name/ Location	Well ID	Sample Date	Sample Depth (ft bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHmo (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Pb (mg/kg)	FOC (mg/kg)
Science & Engineering Analysis Corporation (SEACOR) - Phase II Soil investigation - April 3, 1991:												
B-1	NA	3/20/1991	5	5.8	37	--	<0.05	<0.10	<0.10	<0.10	--	--
B-2	NA	3/20/1991	15	**1,900**	<10	--	**5**	**7.8**	**24**	**150**	--	--
B-2	NA	3/20/1991	19	89	32	--	**0.25**	0.38	1.1	6.2	--	--
B-3	NA	3/21/1991	9	2.6	<10	--	<0.05	<0.10	<0.10	0.19	--	--
B-3	NA	3/21/1991	14	2.7	<10	--	<0.05	<0.10	<0.10	0.24	--	--
Kleinfelder, Inc. (Kleinfelder) - Subsurface Exploration - November 2, 1992:												
MW1-09102B	MW1	9/10/1992	10	**259**	<10	--	<0.05	<0.05	0.32	0.69	--	--
MW1-09102D	MW1	9/10/1992	20	--	--	--	<0.05	<0.05	<0.05	<0.10	--	--
MW2-09102C	MW2	9/10/1992	15	--	--	--	<0.05	0.08	<0.05	0.29	--	--
MW2-09102D	MW2	9/10/1992	20	--	--	--	**0.14**	0.094	0.45	1.4	--	--
MW3-09102B	MW3	9/10/1992	10	**900**	23	--	<0.050	<0.050	5	**13**	--	--
MW3-09102D	MW3	9/10/1992	20	--	--	--	<0.050	<0.050	<0.050	<0.10	--	--
MW3-09102E	MW3	9/10/1992	25	--	--	--	<0.050	<0.050	<0.050	<0.10	--	--
MW4-09102B	MW4	9/10/1992	10	--	--	--	<0.050	<0.050	<0.050	<0.10	--	--
MW4-09102C	MW4	9/10/1992	15	--	--	--	<0.050	<0.050	<0.050	<0.10	--	--
B1-09102B	NA	9/10/1992	10	<1.0	--	--	<0.05	<0.05	<0.05	<0.10	--	--
B1-09102D	NA	9/10/1992	20	<1.0	--	--	<0.05	<0.05	<0.05	<0.10	--	--
B2-09102B	NA	9/10/1992	10	<1.0	--	--	<0.05	<0.05	<0.05	<0.10	--	--
B2-09102D	NA	9/10/1992	20	<1.0	--	--	<0.05	<0.05	<0.05	<0.10	--	--
Kleinfelder, Inc. (Kleinfelder) - Additional Subsurface Exploration - July 8, 1993:												
MW5-04243-10	MW5	4/24/1993	10	**5,700**	760	--	**2.2**	<0.20	**26**	**110**	--	--
MW5-04243-20	MW5	4/24/1993	20	--	--	--	**0.28**	<0.05	1.3	6.1	--	--
MW6-04243-10	MW6	4/24/1993	10	**1,300**	130	--	**0.74**	1.3	3.8	**16**	--	--
MTCA Method A Cleanup Levels				30/100[a]	2,000	2,000	0.03	7	6	9	250	N/A

Continued on page 2

TABLE 1
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Sample Name/ Location	Well ID	Sample Date	Sample Depth (ft bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHmo (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Pb (mg/kg)	FOC (mg/kg)
Kleinfelder, Inc. (Kleinfelder) - Additional Subsurface Exploration - July 8, 1993 (Continued):												
MW6-04243-11.5	MW6	4/24/1993	11.5	**2,800**	220	--	**5.1**	6.6	**23**	**89**	--	--
MW6-04243-13.5	MW6	4/24/1993	13.5	--	--	--	<0.080	0.19	0.19	0.57	--	--
MW7-04243-10.5	MW7	4/24/1993	10.5	--	--	--	<0.050	<0.050	<0.050	<0.10	--	--
MW7-04243-18	MW7	4/24/1993	18	--	--	--	<0.050	<0.050	<0.050	<0.10	--	--
HB01	NA	4/24/1993	7-8	--	--	--	--	--	--	--	--	--
HB02	NA	4/24/1993	7-8	--	--	--	--	--	--	--	--	--
Kleinfelder, Inc. (Kleinfelder) - Installation of Monitor Well MW08 - October 2, 1996:												
(MW8)SS-05-07236	MW8	7/23/1996	5	<1.0	--	--	<0.05	<0.05	<0.05	<0.10	--	--
(MW8)SS-10-07236	MW8	7/23/1996	10	<1.0	--	--	<0.05	<0.05	<0.05	<0.10	--	--
(MW8)SS-15-07236	MW8	7/23/1996	15	<1.0	--	--	<0.05	<0.05	<0.05	<0.10	--	--
(MW8)SS-20-07236	MW8	7/23/1996	20	<1.0	--	--	<0.05	<0.05	<0.05	<0.10	--	--
Environmental Resolutions, Inc. (ERI) - Groundwater Monitoring Well Installation - July 31, 2003a:												
S-5-B1	MW9	05/10/03	5	<5.90	<0.0012	<0.0012	<0.0012	<0.0012	4.64	--	--	--
S-5-B2	MW10	05/10/03	5	<6.87	<0.0014	<0.0014	<0.0014	<0.0014	**8.7**	--	--	--
Environmental Resolutions, Inc. (ERI) - Air Sparge and Dual Phase Extraction Well Installation - September 23, 2003b:												
S-10-B1	AS1	08/09/03	10	<5	--	--	0.0012	0.0022	0.0066	0.0419	4.37	--
S-15-B2	AS2	08/09/03	15	<5	--	--	0.0051	0.0024	0.0021	0.0074	1.35	--
S-15-B3	AS3	08/09/03	15	<5	--	--	0.0014	<0.001	<0.001	<0.001	1.36	--
S-10-B4	AS4	08/09/03	10	**3,410**	--	--	**3.87**	3.16	**13.5**	**105**	8.25	--
S-10-B5	AS5	08/09/03	10	<5	--	--	<0.001	<0.001	<0.001	<0.001	7.2	--
S-10-B6	AS6	08/10/03	10	**578**	--	--	**0.435**	0.8	1.88	2.74	1.18	--
S-10-B7	DPE1	08/10/03	10	**229**	--	--	**0.52**	0.2	2.42	**11.8**	3.69	--
S-10-B8	DPE2	08/10/03	10	**160**	--	--	0.0049	0.0082	0.0317	0.525	1.58	--
MTCA Method A Cleanup Levels				30/100[a]	2,000	2,000	0.03	7	6	9	250	N/A

Continued on page 3

TABLE 1
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Sample Name/ Location	Well ID	Sample Date	Sample Depth (ft bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHmo (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Pb (mg/kg)	FOC (mg/kg)
Environmental Resolutions, Inc. (ERI) - Air Sparge and Dual Phase Extraction Well Installation - September 23, 2003 (Continued):												
S-10-B9	DPE3	08/10/03	10	11.2	--	--	0.0263	0.0089	0.0252	0.17	2.15	--
S-10-B10	DPE4	08/10/03	10	<5	--	--	<0.001	<0.001	<0.001	<0.001	4.78	--
S-10-B11	DPE5	08/10/03	10	<5	--	--	0.0029	0.0012	0.0133	0.0115	1.18	--
S-10-B12	DPE6	08/23/03	10	<5.93	--	--	0.0043	0.0024	0.0046	0.0221	1.36	--
S-10-B13	AS7	08/23/03	10	<6.97	--	--	<0.0014	<0.0014	<0.0014	<0.0014	4.06	--
Environmental Resolutions, Inc. (ERI) - Vapor Monitoring Point Installation - March 27, 2006:												
VMP1 - 5.3'	VMP1	01/27/06	5.3	<5.36	<5.82	<116	<0.0536	<0.0536	<0.0536	<0.107	3.59	--
VMP2 - 6.16'	VMP2	01/27/06	6.16	<6.53	<5.50	<110	<0.0653	<0.0653	<0.0653	<0.131	3.1	--
VMP3 - 5.4'	VMP3	01/27/06	5.4	<8.03	<7.41	<148	<0.0803	<0.0803	<0.0803	<0.161	11.8	--
VMP4 - 5.75'	VMP4	01/27/06	5.75	<4.70	<7.54	<151	<0.0470	<0.0470	<0.0470	<0.0940	9.8	--
VMP5 - 5.5'	VMP5	01/27/06	5.5	<6.11	<7.22	<144	<0.0611	<0.0611	<0.0611	<0.122	10.7	--
Environmental Resolutions, Inc. (ERI) - Underground Storage Tank Removal Report - August 10, 2007a:												
UST1	N/A	05/31/07	6	<6.72	<5.40	<5.40	<0.0336	<0.0672	<0.0672	<0.202	7.73	--
UST2	N/A	05/31/07	6	<6.81	<5.30	<5.30	<0.0340	<0.0681	<0.0681	<0.204	8.14	--
UST3	N/A	05/31/07	6	<6.61	<5.26	5.72	<0.0330	<0.0661	<0.0661	<0.198	8.32	--
Environmental Resolutions, Inc. (ERI) - Soil Assessment and Underground Storage Tank Removal Report - August 1, 2007b:												
S-P1-5	N/A	06/04/07	5	<5.33	<5.08	<5.08	<0.0267	<0.0533	<0.0533	<0.160	--	--
S-P1-8	N/A	06/04/07	8	<4.95	<4.51	<4.51	<0.0248	<0.0495	<0.0495	<0.149	--	--
S-P1-15	N/A	06/04/07	15	<5.00	<4.91	<4.91	<0.0250	<0.0500	<0.0500	<0.150	1.76	--
S-P2-5	N/A	06/04/07	5	<6.35	<5.46	<5.46	<0.0318	<0.0635	<0.0635	<0.191	--	--
S-P2-11	N/A	06/04/07	11	**184**	9.63	<5.43	**0.758**	0.445	1.29	0.435	--	--
S-P2-16	N/A	06/04/07	16	<4.83	<4.45	<4.45	<0.0241	<0.0483	<0.0483	<0.145	2.16	--
S-P3-5	N/A	06/04/07	5	<5.33	<5.02	<5.02	<0.0267	<0.0533	<0.0533	<0.160	--	--
S-P3-9	N/A	06/05/07	9	**9,430**	<5.62	<5.62	**28.0**	**19.6**	**58.5**	**20.2**	--	--
MTCA Method A Cleanup Levels				30/100[a]	2,000	2,000	0.03	7	6	9	250	N/A

Continued on page 4

TABLE 1
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Sample Name/ Location	Well ID	Sample Date	Sample Depth (ft bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHmo (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Pb (mg/kg)	FOC (mg/kg)
Environmental Resolutions, Inc. (ERI) - Soil Assessment and Underground Storage Tank Removal Report - August 1, 2007b (Continued):												
S-P3-13	N/A	06/05/07	13	5.40	<4.50	<4.50	<0.0251	<0.0502	<0.0502	<0.151	2.21	--
S-P4-5	N/A	06/04/07	5	<6.05	<5.71	<5.71	<0.0303	<0.0605	<0.0605	<0.182	--	--
S-P4-8	N/A	06/04/07	8	**102**	<5.16	<5.16	**0.234**	0.191	0.211	<0.177	--	--
S-P4-11	N/A	06/05/07	11	<4.28	<4.26	<4.26	<0.0214	<0.0428	<0.0428	<0.128	--	--
S-P4-18	N/A	06/05/07	18	10.3	<4.30	5.54	**0.152**	0.0458	0.146	<0.125	1.30	--
S-P5-5	N/A	06/04/07	5	62.5	200	690	<0.0247	<0.0493	<0.0493	<0.148	--	--
S-P5-11	N/A	06/05/07	11	**124**	<4.40	<4.40	**0.454**	0.253	0.670	1.72	--	--
S-P5-19	N/A	06/05/07	19	4.92	<4.54	<4.54	<0.0235	<0.0471	<0.0471	<0.141	<1.11	--
S-P6-5	N/A	06/05/07	5	<5.18	<4.71	6.79	<0.0259	<0.0518	<0.0518	<0.155	--	--
S-P6-11	N/A	06/05/07	11	<4.61	<4.34	<4.34	<0.0231	<0.0461	<0.0461	<0.138	1.68	--
S-P7-5	N/A	06/05/07	5	<6.66	<4.64	5.12	<0.0333	<0.0666	<0.0666	<0.200	--	--
S-P7-11	N/A	06/05/07	11	**406**	<4.44	<4.44	**0.127**	<0.0514	0.317	<0.154	--	--
S-P7-14	N/A	06/05/07	14	**462**	<4.55	<4.55	**0.485**	<0.0448	0.380	0.662	--	--
S-P7-20	N/A	06/05/07	20	10.5	<4.50	<4.50	<0.0221	<0.0442	<0.0442	<0.133	--	--
S-P7-22	N/A	06/05/07	22	<5.10	<4.50	<4.50	<0.0255	<0.0510	<0.0510	<0.153	1.29	--
S-P7-22.5	N/A	06/08/07	22.5	<6.25	<4.46	<4.46	<0.0313	<0.0625	<0.0625	<0.188	5.14	--
S-P8-5	N/A	06/05/07	5	<6.93	<5.42	10.8	<0.0347	<0.0693	<0.0693	<0.208	--	--
S-P8-11	N/A	06/05/07	11	**3,120**	30.4	9.29	**8.27**	5.68	**16.1**	**27.7**	--	--
S-P8-16	N/A	06/05/07	16	<4.26	<4.36	<4.36	<0.0213	<0.0426	<0.0426	<0.128	--	--
S-P8-18	N/A	06/05/07	18	<5.44	<4.24	<4.24	<0.0272	<0.0544	<0.0544	<0.163	2.05	--
S-P9-5	N/A	06/05/07	5	<5.41	<4.85	5.40	<0.0270	<0.0541	<0.0541	<0.162	--	--
S-P9-12	N/A	06/05/07	12	**5,330**	11.7	<4.81	**11.1**	**10.5**	**34.5**	**84.4**	--	--
S-P9-20	N/A	06/05/07	20	24.9	<4.41	4.78	**0.300**	0.105	0.158	0.213	1.41	--
S-P9-21.5	N/A	06/08/07	21.5	8.95	<4.55	<4.55	**1.19**	0.0911	<0.0705	<0.211	3.44	--
S-P10-5	N/A	06/05/07	5	5.28	<4.42	51.6	<0.0233	<0.0466	<0.0466	<0.140	--	--
S-P10-11	N/A	06/05/07	11	**998**	32.4	9.84	**5.85**	4.43	**10.9**	8.58	--	--
MTCA Method A Cleanup Levels				30/100a	2000	2000	0.03	7.0	6	9	250.00	N/A

Continued on page 5

TABLE 1
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Sample Name/ Location	Well ID	Sample Date	Sample Depth (ft bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHmo (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Pb (mg/kg)	FOC (mg/kg)
Environmental Resolutions, Inc. (ERI) - Soil Assessment and Underground Storage Tank Removal Report - August 1, 2007b (Continued):												
S-P10-15	N/A	06/05/07	15	12.0	<4.43	7.33	<0.0206	<0.0413	<0.0413	<0.124	1.67	--
S-P11-5	N/A	06/05/07	5	29.4	<5.56	9.20	<0.0337	<0.0674	<0.0674	<0.202	--	--
S-P11-12	N/A	06/05/07	12	6.29	<4.32	8.86	<0.0232	<0.0464	<0.0464	<0.139	2.22	--
S-P12-5	N/A	06/05/07	5	<6.48	133	**2,200**	<0.0324	<0.0648	<0.0648	<0.194	--	--
S-P12-11	N/A	06/05/07	11	6.46	<5.55	<5.55	<0.0320	<0.0640	<0.0640	<0.192	--	--
S-P12-20	N/A	06/05/07	20	8.37	<4.44	5.96	**0.0364**	<0.0428	<0.0428	<0.128	1.35	--
S-P13-5	N/A	06/05/07	5	<6.84	<5.33	17.8	<0.0342	<0.0684	<0.0684	<0.205	11.9	--
S-P13-11	N/A	06/06/07	11	**3,980**	267	<21.5	**4.65**	4.90	**11.3**	7.10	--	--
S-P13-18	N/A	06/06/07	18	<4.23	<4.56	<4.56	<0.0211	<0.0423	<0.0423	<0.127	3.00	--
S-P13-20.5	N/A	06/08/07	20.5	7.50	<4.42	<4.42	**0.254**	0.0670	0.239	<0.160	3.95	--
S-P14-5	N/A	06/06/07	5	12.1	<4.50	<4.50	<0.0546	<0.0546	<0.0546	<0.164	--	--
S-P14-11	N/A	06/06/07	11	6.63	<4.42	<4.42	<0.0578	<0.0578	<0.0578	<0.176	--	--
S-P14-16	N/A	06/06/07	16	<4.38	<4.59	<4.59	<0.0438	<0.0438	<0.0438	<0.131	--	--
S-P14-20	N/A	06/06/07	20	<4.08	<4.31	<4.31	<0.0408	<0.0408	<0.0408	<0.122	2.15	--
S-P14-22	N/A	06/08/07	22	<5.38	<4.63	<4.63	<0.0269	<0.0538	<0.0538	<0.161	2.87	--
S-P15-5	N/A	06/06/07	5	<4.57	<4.63	10.6	<0.0457	<0.0457	<0.0457	<0.137	--	--
S-P15-11	N/A	06/06/07	11	10.0	52.1	<4.50	<0.0504	<0.0504	<0.0504	<0.151	--	--
S-P15-20	N/A	06/06/07	20	5.29	<4.44	<4.44	<0.0449	<0.0449	<0.0449	<0.135	2.33	--
S-P15-22	N/A	06/08/07	22	<5.61	<4.45	<4.45	<0.0280	<0.0561	<0.0561	<0.168	3.12	--
S-P16-5	N/A	06/06/07	5	<6.44	<5.38	<5.38	<0.0644	<0.0644	<0.0644	<0.193	--	--
S-P16-11	N/A	06/06/07	11	**2,540**	106	<4.73	**7.44**	**7.02**	**22.5**	**63.2**	--	--
S-P16-16	N/A	06/06/07	16	24.3	<4.34	<4.34	<0.0512	<0.0512	0.0598	0.154	2.96	--
S-P17-5	N/A	06/06/07	5	9.49	<6.22	15.5	<0.0750	<0.0750	<0.0750	<0.225	--	--
S-P17-12	N/A	06/06/07	12	**36.2**	<5.59	<5.59	**0.126**	0.107	0.182	0.274	--	--
S-P17-14	N/A	06/06/07	14	**5,750**	164	<4.69	**10.1**	**25.5**	**59.7**	**251**	--	--
S-P17-20	N/A	06/06/07	20	12.1	<4.54	<4.54	**0.0366**	0.0418	0.0796	0.224	2.80	--
MTCA Method A Cleanup Levels				30/100a	2000	2000	0.03	7.0	6	9	250.00	N/A

Continued on page 6

TABLE 1
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Sample Name/ Location	Well ID	Sample Date	Sample Depth (ft bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHmo (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Pb (mg/kg)	FOC (mg/kg)
Environmental Resolutions, Inc. (ERI) - Soil Assessment and Underground Storage Tank Removal Report - August 1, 2007b (Continued):												
S-P17-21	N/A	06/08/07	21	10.3	<4.37	<4.37	**1.72**	<0.0723	<0.0723	<0.217	3.22	--
S-P18-6	N/A	06/06/07	6	**304**	10.3	20.5	**0.800**	0.622	1.42	0.884	--	--
S-P18-11	N/A	06/06/07	11	**278**	39.6	5.81	**0.187**	<0.0479	1.26	1.40	4.59	--
S-P19-5	N/A	06/06/07	5	12.3	6.69	54.2	<0.0485	<0.0485	<0.0485	0.146	20.8	--
S-P19-10	N/A	06/08/07	10	**4,560**	**615**	<44.4	**35.8**	**23.3**	**62.9**	**194**	--	--
S-P19-20	N/A	06/08/07	20	20.2	<4.39	<4.39	**0.0876**	<0.0444	0.0912	0.166	2.74	--
S-P20-5	N/A	06/08/07	5	6.44	10.1	16.7	<0.0204	<0.0408	<0.0408	<0.122	--	--
S-P20-8	N/A	06/08/07	8	5.36	<4.50	<4.50	<0.0250	<0.0501	<0.0501	<0.150	2.27	--
S-P21-5	N/A	06/08/07	5	<7.23	<5.73	<5.73	<0.0362	<0.0723	<0.0723	<0.217	--	--
S-P21-12	N/A	06/08/07	12	<5.44	<4.47	<4.47	<0.0272	<0.0544	<0.0544	<0.163	2.34	--
S-P22-5	N/A	06/08/07	5	<7.26	<5.63	<5.63	<0.0363	<0.0726	<0.0726	<0.218	--	--
S-P22-10	N/A	06/08/07	10	**293**	5.64	5.05	**3.73**	2.38	<0.903	<2.71	--	--
S-P22-12	N/A	06/08/07	12	4.74	<4.33	<4.33	<0.0228	<0.0456	<0.0456	<0.137	1.72	--
S-P23-5	N/A	06/08/07	5	<7.46	<5.51	<5.51	<0.0373	<0.0746	<0.0746	<0.224	--	--
S-P23-10	N/A	06/08/07	12	<4.91	<4.43	<4.43	<0.0245	<0.0491	<0.0491	<0.147	--	--
S-P23-12	N/A	06/08/07	12	<4.58	<4.37	<4.37	<0.0229	<0.0458	<0.0458	<0.137	2.55	--
S-P24-5	N/A	06/08/07	5	<5.14	<4.53	<4.53	<0.0257	<0.0514	<0.0514	<0.154	--	--
S-P24-12	N/A	06/08/07	12	<4.75	<4.30	<4.30	<0.0238	<0.0475	<0.0475	<0.143	2.48	--
S-P25-5	N/A	06/08/07	5	<7.11	7.89	15.8	<0.0356	<0.0711	<0.0711	<0.213	--	--
S-P25-9	N/A	06/08/07	9	<5.39	<4.48	<4.48	<0.0270	<0.0539	<0.0539	<0.162	5.09	--
S-P26-5	N/A	06/08/07	5	<9.25	<5.53	<5.53	<0.0463	<0.0925	<0.0925	<0.278	--	--
S-P26-8	N/A	06/08/07	8	<5.62	<4.40	<4.40	<0.0281	<0.0562	<0.0562	<0.169	--	--
S-P26-12	N/A	06/08/07	12	<5.04	<4.30	<4.30	<0.0252	<0.0504	<0.0504	<0.151	2.15	--
S-P27-5	N/A	06/08/07	5	<4.98	<4.44	35.3	<0.0249	<0.0498	<0.0498	<0.150	12.7	--
S-P27-11	N/A	06/08/07	11	11.7	<4.41	<4.41	**0.0731**	<0.0597	<0.0597	<0.179	3.36	--
S-P28-5	N/A	06/08/07	5	9.17	<10.4	66.5	<0.0285	<0.0570	<0.0570	<0.171	--	--
MTCA Method A Cleanup Levels				30/100a	2000	2000	0.03	7.0	6	9	250.00	N/A

Continued on page 7

TABLE 1
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Sample Name/ Location	Well ID	Sample Date	Sample Depth (ft bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHmo (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Pb (mg/kg)	FOC (mg/kg)
Environmental Resolutions, Inc. (ERI) - Soil Assessment and Underground Storage Tank Removal Report - August 1, 2007b (Continued):												
S-P28-10	N/A	06/08/07	10	**407**	<4.69	5.28	0.0216	0.601	1.68	1.96	--	--
S-P28-12	N/A	06/08/07	12	11.3	<4.88	<4.88	**0.0881**	<0.0651	<0.0651	<0.184	2.96	--
S-P29-5	N/A	06/08/07	5	5.18	17.3	51.9	<0.0255	<0.0510	<0.0510	<0.153	--	--
S-P29-10	N/A	06/08/07	10	4.73	4.21	4.29	<0.0224	<0.0448	<0.0448	<0.134	--	--
S-P29-12	N/A	06/08/07	12	10.9	<4.31	<4.31	**0.101**	<0.0488	<0.0488	<0.146	3.85	--
S-P30-5	N/A	06/08/07	5	5.00	<8.86	75.2	<0.0230	<0.0461	<0.0461	<0.138	--	--
S-P30-10	N/A	06/08/07	10	<5.13	<4.17	<4.17	<0.0256	<0.0513	<0.0513	<0.154	--	--
S-P30-12	N/A	06/08/07	12	16.2	<4.33	<4.33	**0.217**	0.0955	0.0699	<0.204	2.87	--
S-P31-5	N/A	06/08/07	5	<11.8	<5.96	18.6	<0.0592	<0.118	<0.118	<0.355	--	--
S-P31-9	N/A	06/08/07	9	13.4	<4.81	<4.81	**0.0539**	<0.0489	<0.0489	0.147	--	--
S-P31-12	N/A	06/08/07	12	5.21	<4.44	<4.44	0.0236	<0.0472	<0.0472	<0.142	2.41	--
S-P32-5	N/A	06/08/07	5	<7.83	<5.61	<5.61	<0.0392	<0.0783	<0.0783	<0.235	--	--
S-P32-10	N/A	06/08/07	10	16.7	<4.29	<4.29	**0.159**	<0.0472	<0.0472	<0.142	--	--
S-P32-12	N/A	06/08/07	12	7.23	<4.42	6.18	**0.0454**	<0.0505	<0.0505	<0.151	2.66	--
S-P33-5	N/A	06/08/07	5	<6.48	<5.78	<5.78	<0.0324	<0.0648	<0.0648	<0.194	--	--
S-P33-10	N/A	06/08/07	10	11.9	<4.34	<4.34	**0.131**	<0.0557	<0.0557	<0.167	2.73	--
S-P34-5	N/A	06/08/07	5	8.67	<5.35	<5.35	<0.0396	<0.0792	<0.0792	<0.238	--	--
S-P34-10	N/A	06/08/07	10	<4.83	<4.43	<4.43	<0.0241	<0.0483	<0.0483	<0.145	--	--
S-P34-12	N/A	06/08/07	12	8.24	<4.19	<4.19	<0.0315	<0.0631	<0.0631	<0.189	2.13	--
S-P35-6	N/A	06/08/07	6	24.9	<4.93	<4.93	**0.330**	0.0694	0.0745	<0.193	--	--
S-P35-10	N/A	06/08/07	10	5.92	<5.01	<5.01	<0.0288	<0.0576	<0.0576	<0.173	--	--
S-P35-11	N/A	06/08/07	11	**1,690**	<4.48	<4.48	<0.0230	6.03	**141**	**592**	--	--
S-P35-15	N/A	06/08/07	15	23.9	<4.49	<4.49	**0.185**	0.184	0.294	1.25	--	--
S-P35-18	N/A	06/08/07	18	**41.9**	<4.47	<4.47	**0.673**	0.0758	1.09	1.66	3.84	--
S-P36-5	N/A	06/08/07	5	<6.65	<5.03	5.53	<0.0332	<0.0665	<0.0665	<0.199	--	--
S-P36-11	N/A	06/08/07	11	**9,940**	<4.45	<4.45	<0.0239	6.70	**10.7**	**9.12**	--	--
MTCA Method A Cleanup Levels				30/100[a]	2,000	2,000	0.03	7	6	9	250	N/A

Continued on page 8

TABLE 1
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Sample Name/ Location	Well ID	Sample Date	Sample Depth (ft bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHmo (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Pb (mg/kg)	FOC (mg/kg)
Environmental Resolutions, Inc. (ERI) - Soil Assessment and Underground Storage Tank Removal Report - August 1, 2007b (Continued):												
S-P36-15	N/A	06/08/07	15	**292**	<4.44	<4.44	<0.0238	1.51	2.77	**9.26**	--	--
S-P36-20	N/A	06/08/07	20	13.1	<4.56	<4.56	**0.489**	<0.0695	<0.0695	<0.209	2.96	--
S-P37-6	N/A	06/08/07	6	6.99	<5.06	<5.06	<0.0308	<0.0616	<0.0616	<0.185	--	--
S-P37-11	N/A	06/08/07	11	24.3	<4.40	<4.40	**0.303**	<0.0542	0.309	0.948	--	--
S-P37-20	N/A	06/08/07	20	16.2	<4.67	<4.67	**0.211**	<0.0573	0.136	<0.172	3.52	--
S-P38-5	N/A	06/08/07	5	<5.01	<4.77	<4.77	<0.0251	<0.0501	<0.0501	<0.150	--	--
S-P38-11	N/A	06/08/07	11	**154**	<4.41	10.3	**1.39**	0.840	2.27	**10.9**	--	--
S-P38-18	N/A	06/08/07	18	7.12	<4.56	<4.56	**0.0310**	<0.0572	<0.0572	<0.172	--	--
S-P38-20	N/A	06/08/07	20	21.0	<4.60	<4.60	**0.282**	0.110	0.447	<0.184	3.86	--
Environmental Resolutions, Inc. (ERI) - Additional Soil Assessment Report - October 10, 2007c:												
S-P39-5	N/A	08/13/07	5.0	<5.77	<4.57	<4.57	<0.0288	<0.0577	<0.0577	<0.173	--	--
S-P39-15	N/A	08/13/07	15.0	<4.28	<4.55	<4.55	<0.0214	<0.0428	<0.0428	<0.128	--	--
S-P39-20	N/A	08/13/07	20.0	<5.57	<4.56	<4.56	<0.0278	<0.0557	<0.0557	<0.167	--	--
S-P39-22	N/A	08/13/07	22.0	<6.41	<4.29	<4.29	<0.0320	<0.0641	<0.0641	<0.192	--	--
S-P39-25	N/A	08/13/07	25.0	<6.06	<4.55	<4.55	<0.0303	<0.0606	<0.0606	<0.182	4.47	--
S-P40-5.5	N/A	08/13/07	5.5	<7.27	11.4	104	<0.0363	<0.0727	<0.0727	<0.218	--	--
S-P40-14	N/A	08/13/07	14.0	15.7	<4.61	<4.61	**0.0742**	0.0623	0.157	0.232	--	--
S-P40-22	N/A	08/13/07	22.0	13.0	<4.61	<4.61	**0.110**	<0.0488	<0.0488	<0.146	--	--
S-P40-25	N/A	08/13/07	25.0	<5.92	<4.69	<4.69	<0.0296	<0.0592	<0.0592	<0.178	2.07	--
S-P41-5	N/A	08/13/07	5.0	<6.21	<4.61	<4.61	<0.0310	<0.0621	<0.0621	<0.186	--	--
S-P41-16	N/A	08/13/07	16.0	<4.60	<4.53	<4.53	<0.0230	<0.0460	<0.0460	<0.138	--	--
S-P41-21	N/A	08/13/07	21.0	<5.45	<4.66	<4.66	<0.0272	<0.0545	<0.0545	<0.163	--	--
S-P41-22.5	N/A	08/13/07	22.5	<5.91	<4.68	<4.68	<0.0295	<0.0591	<0.0591	<0.177	--	--
S-P41-24	N/A	08/13/07	24.0	<5.74	<4.84	<4.84	<0.0287	<0.0574	<0.0574	<0.172	3.83	--
S-P42-15.5	N/A	08/13/07	15.5	<6.30	<4.48	<4.48	<0.0315	<0.0630	<0.0630	<0.189	--	--
S-P42-22	N/A	08/13/07	22.0	<4.59	<4.34	<4.34	**0.425**	<0.0459	<0.0459	<0.138	--	--
MTCA Method A Cleanup Levels				30/100a	2000	2000	0.03	7.000	6	9	250	N/A

Continued on page 9

TABLE 1
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Sample Name/ Location	Well ID	Sample Date	Sample Depth (ft bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHmo (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Pb (mg/kg)	FOC (mg/kg)
Environmental Resolutions, Inc. (ERI) - Additional Soil Assessment Report - October 10, 2007c (Continued):												
S-P42-23.5	N/A	08/13/07	23.5	<5.62	<4.58	<4.58	<0.0281	<0.0562	<0.0562	<0.169	3.12	--
S-P43-23.5	N/A	08/13/07	23.5	17.8	<4.33	<4.33	**0.193**	<0.0762	<0.0762	<0.229	3.45	--
Environmental Resolutions, Inc. (ERI) - Supplemental Soil Assessment Report - December 28, 2007d:												
S-P44-5'	N/A	10/23/07	5	<5.50	<4.67	13.8	<0.0332	<0.0948	<0.0948	<0.237	--	--
S-P44-10'	N/A	10/25/07	10	<5.04	<4.97	<4.97	<0.0413	<0.118	<0.118	<0.295	--	--
S-P44-15'	N/A	10/25/07	15	**91.0**	<4.64	<4.64	<0.0292	0.378	**10.4**	**30.8**	--	--
S-P44-20'	N/A	10/25/07	20	<4.02	<4.52	6.46	<0.0261	<0.0746	<0.0746	<0.187	--	--
S-P44-21.5'	N/A	10/25/07	21.5	<5.33	<4.39	7.32	<0.0299	<0.0854	<0.0854	0.213	--	--
S-P44-23'	N/A	10/25/07	23	<5.71	<4.47	6.60	<0.0357	<0.102	<0.102	<0.255	--	--
S-P45-5'	N/A	10/23/07	5	<6.93	<49.8	667	<0.0461	<0.132	<0.132	<0.329	--	--
S-P45-10'	N/A	10/23/07	10	17.6	<4.31	<4.31	<0.0353	<0.101	<0.101	<0.252	--	--
S-P45-15'	N/A	10/23/07	15	<7.22	<4.81	<4.81	<0.0458	<0.131	0.170	<0.327	--	--
S-P45-23'	N/A	10/23/07	23	<6.28	<4.47	4.57	<0.0450	<0.129	<0.129	<0.322	--	--
S-P45-24'	N/A	10/23/07	24	<4.96	<4.16	<4.16	<0.0351	<0.100	<0.100	<0.251	--	--
S-P46-11'	N/A	10/23/07	11	47.8	<4.42	<4.42	<0.0311	<0.0890	0.112	<0.222	--	--
S-P46-16'	N/A	10/23/07	16	<4.51	<4.43	4.59	<0.0318	<0.0909	<0.0909	<0.227	--	--
S-P46-21'	N/A	10/23/07	21	<4.93	<4.52	<4.52	<0.0324	<0.0925	<0.0925	<0.231	--	--
S-P46-22.5'	N/A	10/23/07	22.5	<4.41	<4.66	<4.66	<0.0328	<0.0938	<0.0938	<0.235	--	--
S-P46-25.5'	N/A	10/23/07	25.5	<5.88	<4.71	<4.71	<0.0294	<0.0840	<0.0840	<0.210	--	--
S-P47-11.5'	N/A	10/25/07	11.5	**3,570**	289	<22.5	<0.352	2.12	**30.6**	**124**	--	--
S-P47-16.5'	N/A	10/25/07	16.5	15.3	<4.57	<4.57	**0.0736**	<0.106	<0.106	<0.265	--	--
S-P47-21.5'	N/A	10/25/07	21.5	8.59	<4.40	<4.40	**0.0394**	<0.102	<0.102	<0.256	--	--
S-P47-23'	N/A	10/25/07	23	8.98	<4.54	<4.54	**0.124**	<0.108	<0.108	<0.269	--	--
S-P47-24.5'	N/A	10/25/07	24.5	8.04	<4.65	4.95	**0.352**	<0.108	<0.108	<0.271	--	--
S-P48-11'	N/A	10/23/07	11	**2,220**	11.1	<4.56	<0.0384	<0.110	2.14	**13.6**	--	--
S-P48-16'	N/A	10/23/07	16	<5.71	<4.40	<4.40	**0.0510**	<0.101	0.248	0.280	--	--
MTCA Method A Cleanup Levels				30/100[a]	2,000	2,000	0.03	7	6	9	250	N/A

Continued on page 10

TABLE 1
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Sample Name/ Location	Well ID	Sample Date	Sample Depth (ft bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHmo (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Pb (mg/kg)	FOC (mg/kg)
Environmental Resolutions, Inc. (ERI) - Supplemental Soil Assessment Report - December 28, 2007d (Continued):												
S-P48-21'	N/A	10/23/07	21	<5.64	<4.60	<4.60	<0.0386	<0.110	<0.110	<0.276	--	--
S-P48-22.5'	N/A	10/23/07	22.5	<5.85	<4.39	<4.39	<0.0415	<0.119	<0.119	<0.297	--	--
S-P49-10'	N/A	10/25/07	10	<7.65	<5.22	<5.22	<0.0536	<0.153	<0.153	<0.383	--	--
S-P49-15'	N/A	10/25/07	15	**7,890**	36.9	<4.37	**2.52**	**41.9**	**50.7**	**243**	--	--
S-P49-20'	N/A	10/25/07	20	11.4	<4.59	<4.59	<0.0422	<0.121	<0.121	0.302	--	--
S-P49-20.5'	N/A	10/25/07	20.5	20.5	<4.51	<4.51	**0.295**	0.125	0.674	0.805	--	--
S-P50-11.5'	N/A	10/25/07	11.5	**492**	61.0	<4.48	<0.0362	<0.103	1.99	6.20	--	--
S-P50-15.5'	N/A	10/25/07	15.5	48.1	14.1	<4.42	<0.0333	<0.0950	1.03	3.61	--	--
S-P50-23'	N/A	10/25/07	23	<6.25	<4.44	<4.44	<0.0394	<0.113	<0.113	<0.282	--	--
Environmental Resolutions, Inc. (ERI) - Remediation Well Installation and Groundwater Monitoring Report - September 8, 2010:												
S-11-B14	MW11	05/11/10	11	<4.55	<4.40	<4.40	<0.0228	<0.0455	<0.0455	<0.137	--	--
S-20.5-B14	MW11	05/11/10	20.5	<4.26	<4.56	7.54	<0.0213	<0.0426	<0.0426	<0.128	--	--
S-6-B15	MW12	05/10/10	6	**204**	<5.25	<5.25	**0.706**	<0.0708	1.71	4.21	--	1.63
S-11-B15	MW12	05/10/10	11	5.27	<4.31	<4.31	**0.0485**	<0.0466	0.0590	<0.140	--	<0.581
S-16-B15	MW12	05/10/10	16	<5.68	<4.39	5.47	<0.0284	<0.0568	<0.0568	<0.170	--	<0.581
S-20.5-B15	MW12	05/10/10	20.5	<5.21	<4.39	<4.30	<0.0260	<0.0521	<0.0521	<0.156	--	<0.581
S-11-B16	MW13	05/10/10	11	<5.61	<4.83	<4.83	<0.0281	<0.0561	<0.0561	<0.168	--	--
S-21-B16	MW13	05/10/10	21	7.35	<4.73	<4.73	**0.388**	<0.0708	<0.0708	<0.212	--	--
S-6-B17	MW14	05/11/10	6	**140**	5.76	7.53	**0.256**	<0.0539	<0.0539	<0.162	10.5	--
S-21-B17	MW14	05/11/10	21	9.64	<4.71	6.11	**0.123**	<0.0459	<0.0459	0.190	--	--
S-11.5-B18	AS8	05/11/10	11.5	**101**	<4.38	<4.38	**0.657**	<0.0360	0.991	2.40	--	--
S-20.5-B18	AS8	05/11/10	20.5	<5.84	<4.35	<4.35	**0.280**	<0.0584	<0.0584	<0.175	--	--
S-6-B19	MW15	05/10/10	6	<6.06	<5.29	6.21	<0.0303	<0.0606	<0.0606	<0.182	19.4	--
S-21-B19	MW15	05/10/10	21	13.2	<4.74	<4.74	**0.0805**	<0.0455	0.102	0.182	--	--
S-11.5-B20	AS9	05/11/10	11.5	**2,110**	73.8	<4.79	**13.4**	<0.0510	**16.0**	**18.7**	--	--
S-20.5-B20	AS9	05/11/10	20.5	<5.02	<5.05	<5.05	<0.0251	<0.0502	<0.0502	<0.151	--	--
MTCA Method A Cleanup Levels				30/100[a]	2,000	2,000	0.03	7	6	9	250	N/A

Continued on page 11

TABLE 1
CUMULATIVE SOIL ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Sample Name/ Location	Well ID	Sample Date	Sample Depth (ft bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHmo (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	Total Pb (mg/kg)	FOC (mg/kg)
Cardno ERI - Off-Site Soil and Groundwater Assessment Report - July 27, 2012:												
S-5-B21	MW17	04/23/12	5	**1,880**	127	46.7	**0.937**	0.590	**28.2**	4.97	21.4	--
S-10-B21	MW17	04/24/12	10	**4,650**	21.5	<4.84	**0.572**	1.8	5.65	**21.8**	3.38	--
S-20-B21	MW17	04/24/12	20	17.0	<4.80	<4.80	0.00803	0.0226	0.104	0.285	--	--
S-25-B21	MW17	04/24/12	25	14.1	<4.43	<4.43	0.00303	0.0113	0.0406	0.144	--	--
S-30-B21	MW17	04/24/12	30	11.5	4.55	<4.53	<0.00179	<0.00179	<0.00179	<0.0046	--	--
S-5-B22	MW16	04/23/12	5	5.59	<4.74	<4.74	<0.00206	<0.00206	0.0187	<0.00514	--	--
S-9.5-B22	MW16	04/24/12	9.5	<6.16	<5.11	<5.11	<0.00228	<0.00228	<0.00228	<0.00570	--	--
S-15-B22	MW16	04/24/12	15	22.6	29.6	<4.64	<0.0580	0.283	0.921	5.02	4.61	--
S-20-B22	MW16	04/24/12	20	8.86	<4.76	<4.76	**0.0310**	0.0189	0.0824	0.169	--	--
S-25-B22	MW16	04/24/12	25	**43.8**	<4.72	<4.72	**0.0826**	0.00283	0.0119	0.0620	--	--
MTCA Method A Cleanup Levels				30/100[a]	2,000	2,000	0.03	7	6	9	250	N/A

EXPLANATION:
ft bgs = feet below ground surface
mg/kg = milligram per kilogram
TPH = Total Petroleum Hydrocarbons in accordance with EPA Method 418.1
TPHg = Total Petroleum Hydrocarbons as Gasoline in accordance with Ecology Method NWTPH-Gx or WTPH-G, refer to laboratory reports
TPHd and TPHmo = Total Petroleum Hydrocarbons as Diesel and Motor Oil in accordance with Ecology Method NWTPH-Dx or WTPH-D, refer to laboratory reports
B = Benzene; T = Toluene; E = Ethylbenzene; X = Total Xylenes
BTEX = Aromatic compounds in accordance with EPA Method 8020, 8020A, 8021B, 8260B, or Ecology Method VPH, refer to laboratory reports
Total Pb = Total Lead in accordance with Ecology Method 7420 or 6010B, refer to laboratory reports
FOC = Fractional Organic Carbon in accordance with ASTM D2974
< = Less than the stated laboratory reporting limit
-- = Not Analyzed or Sampled; N/A = Not Applicable
Shaded values equal or exceed MTCA Method A Cleanup Levels
a = TPHg soil cleanup level is 30 mg/kg, unless benzene is not detected in the sample, or if toluene, ethylbenzene, and total xylenes constitute less than 1% of the TPHg present in the sample. If these conditions are met, the cleanup level for TPHg may be elevated to 100 mg/kg.

TABLE 2
GROUNDWATER MONITORING AND SAMPLING SCHEDULE AND WELL CONSTRUCTION DETAILS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Well Activity	Frequency of Gauging	Frequency of Sampling	Date of Installation	Wellhead Elevation (feet)	Screened Interval (feet bgs)	Total Well Depth (feet bgs)	Casing/Borehole Diameter (inches)	Slot Size (inches)
MW8	P	Quarterly	Quarterly	July 23, 1996	65.80	5-20	20	4/12	0.020
MW9	P	Quarterly	Quarterly	May 10, 2003	70.84	3-20	20	4/10	0.010
MW10	P	Quarterly	Quarterly	May 10, 2003	69.17	3-20	20	4/10	0.010
MW11	P	Quarterly	Quarterly	May 11, 2010	72.50	5-20	20	4/12	0.010
MW12	P	Quarterly	Quarterly	May 10, 2010	69.41	5-20	20	4/12	0.010
MW13	P	Quarterly	Quarterly	May 10, 2010	69.23	5-20	20	4/12	0.010
MW14	P	Quarterly	Quarterly	May 11, 2010	69.34	5-20	20	4/12	0.010
MW15	P	Quarterly	Quarterly	May 10, 2010	69.89	5-20	20	4/12	0.010
MW16	NS - NAPL Present	Quarterly	NS - NAPL Present	April 24, 2012	70.71	5-25	25	2/8.25	0.020
MW17	NS - NAPL Present	Quarterly	NS - NAPL Present	April 24, 2012	70.39	5-25	25	2/8.25	0.020

EXPLANATION:

feet bgs = feet below ground surface

P = Purge

NS = Not Sampled

NAPL = Non-aqueous Phase Liquid

Wellhead elevations were resurveyed on 04/25/12 by Cardno WRG using NAVD 88

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
Screened Interval 5-25 ft bgs \ Total Depth 25 ft bgs															
MW1	09/14/92	61.05	11.30	0.00	49.75	**15,000**	--	--	**75**	60	440	**1,200**	--	8.7	--
MW1	09/14/92 b	61.05	NM	--	--	--	--	--	**54**	39	320	880	--	--	--
MW1	09/14/92	61.05	11.30	0.00	49.75	--	--	--	**54**	39	320	880	--	--	--
MW1	09/14/92 b	61.05	NM	--	--	**15,000**	--	--	**75**	60	440	**1,200**	--	8.7	--
MW1	04/25/93	61.05	9.77	**0.04**	51.31	400	--	--	**160**	83	**800**	**1,700**	--	**21**	--
MW1	02/11/95	61.05	8.95	0.00	52.10	**7,800**	--	--	**67**	22	200	470	--	<2.0	--
MW1	03/28/96	61.05	10.83	**0.18**	50.36	**NAPL Present**									
MW1	08/06/96	61.05	11.33	**0.13**	49.82	**NAPL Present**									
MW1	02/19/97	61.05	7.83	**0.08**	53.28	**NAPL Present**									
MW1	05/26/97	61.05	6.57	0.00	54.48	**582,000**	--	--	<100	124	462	**1,380**	--	--	--
MW1	09/23/97	61.05	11.35	**0.04**	49.73	**NAPL Present**									
MW1	12/05/97	61.05	11.83	0.00	49.22	**4,550**	--	--	**20.2**	72	88.6	389	--	--	--
MW1	03/23/98	61.05	9.45	0.00	51.60	**13,000**	--	--	**40**	60	300	660	--	<39	--
MW1	06/22/98	61.05	10.81	0.00	50.24	**12,000**	--	--	**44**	76	370	830	--	**29.3**	--
MW1	09/21/98	61.05	11.79	0.00	49.26	**11,000**	--	--	**40**	55	390	520	--	**23**	--
MW1	12/14/98	61.05	10.57	0.00	50.48	**11,000**	--	--	**19**	51	220	490	--	**93**	--
MW1	03/10/99	61.05	8.02	0.00	53.03	**18,000**	--	--	**40**	40	320	890	--	6.5	--
MW1	04/22/99	61.05	8.67	0.00	52.38	**15,000**	--	--	**30**	20	220	640	--	**84**	--
MW1	08/18/99	61.05	10.90	**0.02**	50.17	**23,000**	--	--	**40**	40	220	640	--	**556**	--
MW1	11/11/99	61.05	11.58	0.00	49.47	**11,000**	--	--	**57**	43	320	570	--	**147**	--
MW1	03/23/00	61.05	7.55	0.00	53.50	**8,300**	--	--	<10	22	200	320	--	5.3	--
MW1	05/10/00	61.05	9.80	0.00	51.25	--	--	--	--	--	--	--	--	**85**	--
MW1	06/05/00	61.05	10.00	0.00	51.05	**25,000**	--	--	**52**	48	340	430	--	--	--
MW1	08/03/00	61.05	11.28	0.00	49.77	**11,000**	--	--	**30**	41	330	450	--	**410**	--
MW1	07/16/01	61.05	11.11	**0.10**	50.02	**NAPL Present**									
MW1	10/31/01	61.05	12.46	**0.10**	48.67	**NAPL Present**									
MW1	02/22/02	61.05	8.31	**0.01**	52.75	**NAPL Present**									
MW1	08/20/02	61.05	7.85	**0.03**	53.22	**NAPL Present**									
MW1	02/07/03	61.05	8.15	0.00	52.90	**139,000**	--	--	**320**	220	640	850	--	--	--
MW1	06/20/03	61.05	NM	**Trace**	--	**NAPL Present**									
MW1	12/19/03	61.05	NM	**Trace**	--	**NAPL Present**									
MW1	06/25/04 c	61.05	12.18	**Trace**	48.87	**15,100**	--	--	**164**	66.0	384	366	--	--	--
MW1	12/31/04 c	61.05	10.06	**0.02**	51.01	**NAPL Present**									
MW1	09/15/05	61.05	13.33	**Trace**	47.72	**12,600**	--	--	**67.0**	21.7	312	141	--	--	--
MW1	02/24/06	61.05	8.10	**Trace**	52.95	**NAPL Present**									
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
MW1	08/28/06	61.05	11.56	0.00	49.49	**4,140**	**64,900**	<9,520	**22.9**	<1.00	114	50.5	--	**244**	5.74
MW1	11/17/06	61.05	10.09	0.00	50.96	**6,060**	**9,010**	**10,200**	**59.2**	8.67	121	49.5	--	<5.00	<5.00
MW1	02/07/07	61.05	8.00	0.00	53.05	**3,940**	**6,110**	**4,720**	**28.9**	<25.0	36.3	<75.0	--	<5.00	<5.00
Destroyed															
Screened Interval 8-18 ft bgs \ Total Depth 18 ft bgs															
MW2	09/14/92	61.54	13.20	0.00	48.34	**48,000**	--	--	**4,200**	**2,400**	**1,500**	**7,800**	--	12	--
MW2	04/25/93	61.54	9.85	0.00	51.69	**21,000**	--	--	**200**	190	570	**2,400**	--	**200**	--
MW2	02/11/95	61.54	9.62	0.00	51.92	**22,000**	--	--	**220**	180	550	**2,200**	--	5.2	--
MW2	02/11/95 b	61.54	NM	--	--	**23,000**	--	--	**200**	180	550	**2,100**	--	--	--
MW2	02/11/95 b	61.54	NM	--	--	**22,000**	--	--	**220**	180	550	**2,200**	--	5.2	--
MW2	02/11/95	61.54	9.62	0.00	51.92	**23,000**	--	--	**200**	180	550	**2,100**	--	--	--
MW2	03/28/96	61.54	12.68	**0.11**	48.94	**NAPL Present**									
MW2	08/06/96	61.54	12.78	**0.08**	48.82	**NAPL Present**									
MW2	02/19/97	61.54	8.52	0.00	53.02	**21,600**	--	--	**176**	89.4	321	**1,430**	--	--	--
MW2	05/26/97	61.54	7.58	0.00	53.96	**9,500**	--	--	**58.4**	24.9	95.3	337	--	--	--
MW2	09/23/97	61.54	12.03	0.00	49.51	**1,000,000**	--	--	**612**	589	**1,910**	**3,810**	--	**275**	--
MW2	12/05/97	61.54	11.65	0.00	49.89	**496**	--	--	4.63	8.69	5.36	32.6	--	--	--
MW2	03/23/98	61.54	10.40	0.00	51.14	**7,100**	--	--	**18**	<10	35	90	--	**120**	--
MW2	06/22/98	61.54	10.55	0.00	50.99	**6,000**	--	--	**15**	22	77	220	--	**17.4**	--
MW2	09/21/98	61.54	12.98	0.00	48.56	**11,000**	--	--	**280**	130	100	280	--	13	--
MW2	12/14/98	61.54	11.89	0.00	49.65	**4,400**	--	--	<5	16	22	99	--	**19**	--
MW2	03/10/99	61.54	6.94	0.00	54.60	**3,700**	--	--	**10**	22	8	20	--	**59**	--
MW2	04/22/99	61.54	9.10	0.00	52.44	**1,100**	--	--	<1	9	<5	7	--	**41**	--
MW2	08/18/99	61.54	12.26	0.00	49.28	**6,000**	--	--	**25**	38	23	63	--	**101**	--
MW2	11/11/99	61.54	12.44	0.00	49.10	**16,000**	--	--	**110**	99	47	120	--	**424**	--
MW2	03/23/00	61.54	7.50	0.00	54.04	**3,600**	--	--	<2.0	<10	3	19	--	**76**	--
MW2	05/10/00	61.54	10.30	0.00	51.24	--	--	--	--	--	--	--	--	1,640	--
MW2	06/05/00	61.54	10.66	0.00	50.88	**11,000**	--	--	**25**	61	43	110	--	--	--
MW2	08/03/00	61.54	12.56	0.00	48.98	**7,400**	--	--	**19**	16	33	93	--	**201**	--
MW2	07/16/01	61.54	12.49	0.00	49.05	**4,200**	--	--	**41**	42	34	79	<0.5	--	--
MW2	10/31/01	61.54	12.70	0.00	48.84	**6,500**	--	--	**67**	61	72	220	--	--	--
MW2	02/22/02	61.54	7.26	0.00	54.28	**1,500**	--	--	**6.40**	2.50	6.40	17.5	5.60	--	--
MW2	08/20/02	61.54	9.30	0.00	52.24	**3,280**	--	--	**38.8**	21.7	66.1	156	--	--	--
MW2	02/07/03	61.54	8.65	0.00	52.89	**3,850**	--	--	**18.0**	18.5	32.0	62.5	--	--	--
MW2	06/20/03	61.54	12.20	0.00	49.34	**3,420**	--	--	**10.8**	7.3	17.5	33.6	--	--	--
MW2	12/19/03	61.54	10.96	0.00	50.58	**2,380**	--	--	4.70	10.1	27.9	50.8	--	--	--
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
MW2	06/25/04	61.54	12.71	0.00	48.83	**1,340**	--	--	**20.2**	32.4	62.3	121	--	--	--
MW2	12/31/04	61.54	9.45	0.00	52.09	736	--	--	**6.50**	2.9	9.1	15.3	--	--	--
MW2	09/15/05	61.54	13.47	0.00	48.07	**1,090**	--	--	<1.00	21.2	38.0	49.6	--	--	--
MW2	02/24/06	61.54	7.79	0.00	53.75	641	**683**	<119	**9.42**	2.62	13.3	4.92	--	**34.2**	<5.00
MW2	08/28/06	61.54	13.15	0.00	48.39	**6,500**	**5,150**	<556	**99.5**	90.6	185	799	--	**294**	13.4
MW2	11/17/06	61.54	10.00	0.00	51.54	**4,660**	**1,390**	**1,440**	**69.0**	48.1	67.2	239	--	<5.00	<5.00
MW2	02/07/07	61.54	Inaccessible		--	--	--	--	--	--	--	--	--	--	--
Destroyed															
Screened Interval 5-20 ft bgs \ Total Depth 20 ft bgs															
MW3	09/14/92	60.87	11.80	0.00	49.07	**1,400**	--	--	**42**	5.7	30	110	--	3.7	--
MW3	04/25/93	60.87	8.25	0.00	52.62	**17,000**	--	--	**170**	76	520	**1,300**	--	**110**	--
MW3	02/11/95	60.87	8.07	0.00	52.80	**15,000**	--	--	**240**	94	530	**1,200**	--	5.1	--
MW3	03/28/96	60.87	10.58	0.00	50.29	**11,000**	--	--	**240**	140	330	790	--	--	--
MW3	08/06/96	60.87	11.53	0.00	49.34	--	--	--	--	--	--	--	--	--	--
MW3	02/19/97	60.87	7.08	0.00	53.79	--	--	--	--	--	--	--	--	--	--
MW3	05/26/97	60.87	5.88	0.00	54.99	**865**	--	--	1.11	0.894	10.4	20.2	--	--	--
MW3	09/23/97	60.87	10.62	0.00	50.25	**10,700**	--	--	**120**	98.2	623	**1,110**	--	7.29	--
MW3	12/05/97	60.87	10.40	0.00	50.47	169	--	--	1.75	3.17	3.57	10	--	--	--
MW3	03/23/98	60.87	9.90	0.00	50.97	**2,700**	--	--	**25**	11	100	140	--	<39	--
MW3	06/22/98	60.87	9.98	0.00	50.89	**7,300**	--	--	**100**	40	300	630	--	9.5	--
MW3	09/21/98	60.87	12.37	0.00	48.50	**11,000**	--	--	**110**	92	**710**	890	--	7.2	--
MW3	12/14/98	60.87	10.23	0.00	50.64	320	--	--	**6**	3	7	18	--	**24**	--
MW3	03/10/99	60.87	6.73	0.00	54.14	200	--	--	2	1	4	7	--	6.9	--
MW3	04/22/99	60.87	8.66	0.00	52.21	**7,900**	--	--	**80**	50	320	570	--	**21**	--
MW3	08/18/99	60.87	11.40	0.00	49.47	**11,000**	--	--	**250**	130	650	910	--	**52**	--
MW3	11/11/99	60.87	10.83	0.00	50.04	**7,300**	--	--	**260**	130	650	800	--	**21**	--
MW3	03/23/00	60.87	7.30	0.00	53.57	**1,400**	--	--	**32**	15	80	88	--	12.9	--
MW3	05/10/00	60.87	9.60	0.00	51.27	--	--	--	--	--	--	--	--	10.2	--
MW3	06/05/00	60.87	10.00	0.00	50.87	**3,400**	--	--	**67**	32	230	170	--	--	--
MW3	08/03/00	60.87	11.88	0.00	48.99	**7,700**	--	--	**180**	98	630	820	--	**35.1**	--
MW3	07/16/01	60.87	11.53	0.00	49.34	**3,800**	--	--	**75**	34	330	140	<0.5	--	--
MW3	10/31/01	60.87	12.38	0.00	48.49	**5,200**	--	--	**100**	55	370	310	--	--	--
MW3	02/22/02	60.87	7.65	0.00	53.22	**1,650**	--	--	**18.8**	6.80	90.8	21.9	10.3	--	--
MW3	08/20/02	60.87	7.32	0.00	53.55	**<100**	--	--	<1.0	<1.0	2.1	<1.0	--	--	--
MW3	02/07/03	60.87	3.19	0.00	57.68	**2,300**	--	--	**42.8**	11.8	130	60.1	--	--	--
MW3	06/20/03	60.87	11.40	0.00	49.47	**7,620**	--	--	**90.4**	32.9	287	195	--	--	--
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
MW3	12/19/03	60.87	10.13	0.00	50.74	**2,260**	--	--	**49.2**	15.5	116	39.6	--	--	--
MW3	06/25/04	60.87	11.61	0.00	49.26	**5,140**	--	--	**118**	34.5	244	244	--	--	--
MW3	12/31/04	60.87	7.80	**0.03**	53.09	**NAPL Present**									
MW3	09/15/05	60.87	12.50	0.00	48.37	**839**	--	--	<1.00	4.47	24.9	17.5	--	--	--
MW3	02/24/06	60.87	6.47	0.00	54.40	**<100**	124	<100	1.38	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW3	08/28/06	60.87	12.20	0.00	48.67	**2,270**	**572**	<108	**42.1**	30.7	136	29.5	--	9.43	<5.00
MW3	11/17/06	60.87	7.26	0.00	53.61	**<100**	<103	<103	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW3	02/07/07	60.87	7.87	0.00	53.00	**<100**	<101	<101	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
Destroyed															
Screened Interval 8-18 ft bgs \ Total Depth 18 ft bgs															
MW4	09/14/92	60.26	8.40	0.00	51.86	**2,500**	--	--	**11**	<0.5	15	4.2	--	3.2	--
MW4	04/25/93	60.26	5.93	0.00	54.33	**3,100**	--	--	**24**	1.20	27	6.5	--	**42**	--
MW4	02/11/95	60.26	6.42	0.00	53.84	**5,600**	--	--	**33**	3.80	230	81	--	<2.0	--
MW4	03/28/96	60.26	6.90	0.00	53.36	**3,900**	--	--	**36**	<0.5	38	12	--	--	--
MW4	08/06/96	60.26	8.25	0.00	52.01	--	--	--	--	--	--	--	--	--	--
MW4	02/19/97	60.26	4.65	0.00	55.61	--	--	--	--	--	--	--	--	--	--
MW4	05/26/97	60.26	5.05	0.00	55.21	**3,490**	--	--	**9.07**	<2.5	120	35.5	--	--	--
MW4	09/23/97	60.26	7.24	0.00	53.02	**3,850**	--	--	**22.4**	<5.0	95.3	15.8	--	<2.0	--
MW4	12/05/97	60.26	8.03	0.00	52.23	281	--	--	1.93	2.56	<0.5	5.04	--	--	--
MW4	03/23/98	60.26	7.60	0.00	52.66	**1,300**	--	--	**6**	0.8	33	6	--	<39	--
MW4	06/22/98	60.26	7.75	0.00	52.51	**3,400**	--	--	**68**	21	61	20	--	4	--
MW4	09/21/98	60.26	10.12	0.00	50.14	**1,800**	--	--	2	2	16	4	--	<6.5	--
MW4	12/14/98	60.26	7.13	0.00	53.13	**1,900**	--	--	3	3	19	4	--	<6.5	--
MW4	03/10/99	60.26	5.33	0.00	54.93	**3,000**	--	--	**45**	16	49	20	--	<6.5	--
MW4	04/22/99	60.26	6.46	0.00	53.80	**3,300**	--	--	<50	10	80	20	--	<6.5	--
MW4	08/18/99	60.26	8.95	0.00	51.31	**2,800**	--	--	**25**	14	38	8	--	<7.9	--
MW4	11/11/99	60.26	6.60	0.00	53.66	**2,400**	--	--	<50	18	18	8.1	--	<7.9	--
MW4	03/23/00	60.26	5.30	0.00	54.96	**2,600**	--	--	<5	<5	55	16	--	1.99	--
MW4	05/10/00	60.26	6.35	0.00	53.91	--	--	--	--	--	--	--	--	1.22	--
MW4	06/05/00	60.26	7.41	0.00	52.85	**2,100**	--	--	**22**	32	230	170	--	--	--
MW4	08/03/00	60.26	9.65	0.00	50.61	**1,800**	--	--	2.2	2	20	4.2	--	**32.2**	--
MW4	07/16/01	60.26	NM	--	--	--	--	--	--	--	--	--	--	--	--
MW4	10/31/01	60.26	8.84	0.00	51.42	**1,200**	--	--	3.3	1.5	4.2	3.9	--	--	--
MW4	02/22/02	60.26	4.41	0.00	55.85	**1,940**	--	--	**7.70**	3.30	20.4	6.30	18.5	--	--
MW4	08/20/02	60.26	5.56	0.00	54.70	**2,420**	--	--	**69.7**	4.1	93.6	17.8	--	--	--
MW4	02/07/03	60.26	5.63	0.00	54.63	**3,160**	--	--	**19.6**	4.6	72.1	25.2	--	--	--
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
MW4	06/20/03	60.26	8.89	0.00	51.37	**4,950**	--	--	**38.5**	8.5	24.7	11.6	--	--	--
MW4	12/19/03	60.26	6.75	0.00	53.51	**2,820**	--	--	**15.8**	3.9	8.5	4.7	--	--	--
MW4	06/25/04	60.26	8.83	0.00	51.43	**2,760**	--	--	**31.6**	1.0	15.0	7.0	--	--	--
MW4	12/31/04	60.26	5.70	0.00	54.56	**2,770**	--	--	**22.2**	<1.0	12.5	3.1	--	--	--
MW4	09/15/05	60.26	9.36	0.00	50.90	**4,060**	--	--	**49.5**	<1.00	2.29	3.52	--	--	--
MW4	02/24/06	60.26	5.68	0.00	54.58	**3,450**	**1,070**	<100	**69.5**	3.35	11.2	5.72	--	<5.00	<5.00
MW4	08/28/06	60.26	10.55	0.00	49.71	**1,310**	**794**	492	<1.00	1.83	4.99	4.63	--	**51.6**	<5.00
MW4	11/17/06	60.26	5.96	0.00	54.30	**<100**	--	--	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW4	02/07/07	60.26	5.95	0.00	54.31	**3,910**	450	202	**41.2**	6.79	9.86	3.98	--	<5.00	<5.00
Destroyed															
Screened Interval 5-20 ft bgs \ Total Depth 20 ft bgs															
MW5	04/25/93	61.50	8.82	0.00	52.68	**6,800**	--	--	**24**	22	150	620	--	**34**	--
MW5	02/11/95	61.50	8.95	0.00	52.55	**10,000**	--	--	**84**	16	180	740	--	11	--
MW5	03/28/96	61.50	11.71	0.00	49.79	**6,000**	--	--	**50**	10	110	210	--	--	--
MW5	08/06/96	61.50	12.37	0.00	49.13	**2,890**	--	--	**41.9**	<25	53.9	83.5	--	--	--
MW5	11/12/96	61.50	11.25	0.00	50.25	**5,870**	--	--	**34**	10.2	103	198	--	--	--
MW5	02/19/97	61.50	7.96	0.00	53.54	**5,140**	--	--	**24.1**	5.05	36.1	182	--	--	--
MW5	05/26/97	61.50	7.54	0.00	53.96	**7,700**	--	--	**37**	6.67	22.3	244	--	--	--
MW5	09/23/97	61.50	11.36	0.00	50.14	**12,300**	--	--	**96.6**	25.6	250	266	--	**23.9**	--
MW5	12/05/97	61.50	11.10	0.00	50.40	**845**	--	--	**9.17**	10.5	13.9	48	--	--	--
MW5	03/23/98	61.50	9.90	0.00	51.60	**2,600**	--	--	**35**	10	77	200	--	<39	--
MW5	06/22/98	61.50	12.12	0.00	49.38	**4,200**	--	--	**63**	16	88	290	--	**24**	--
MW5	09/21/98	61.50	13.23	0.00	48.27	620	--	--	2	2	5	12	--	**15**	--
MW5	12/14/98	61.50	11.02	0.00	50.48	**800**	--	--	0.9	1	9	19	--	11	--
MW5	03/10/99	61.50	9.54	0.00	51.96	490	--	--	4	1	5	13	--	**24**	--
MW5	04/22/99	61.50	9.54	0.00	51.96	**1,400**	--	--	**14**	2	9	36	--	**26**	--
MW5	08/18/99	61.50	12.14	0.00	49.36	**2,600**	--	--	**52**	15	84	57	--	9.9	--
MW5	11/11/99	61.50	11.55	0.00	49.95	**2,700**	--	--	**58**	17	100	70	--	**29**	--
MW5	03/23/00	61.50	8.90	0.00	52.60	**<48**	--	--	0.39	0.26	0.58	1.6	--	14.4	--
MW5	05/10/00	61.50	10.25	0.00	51.25	--	--	--	--	--	--	--	--	**59.1**	--
MW5	06/05/00	61.50	10.68	0.00	50.82	**2,100**	--	--	**31**	9.7	42	130	--	--	--
MW5	08/03/00	61.50	12.53	0.00	48.97	**1,600**	--	--	**18**	3.1	37	32	--	**127**	--
MW5	07/16/01	61.50	NM	--	--	--	--	--	--	--	--	--	--	--	--
MW5	10/31/01	61.50	NM	--	--	--	--	--	--	--	--	--	--	--	--
MW5	02/22/02	61.50	6.70	0.00	54.80	667	--	--	4.10	2.00	21.0	74.3	2.40	--	--
MW5	08/20/02	61.50	9.60	0.00	51.90	**2,250**	--	--	**64.1**	16.3	18.4	69.4	--	--	--
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
MW5	02/07/03	61.50	8.17	0.00	53.33	380	--	--	4.3	6.6	11.6	31.5	--	--	--
MW5	06/20/03	61.50	12.25	0.00	49.25	**2,820**	--	--	**19.5**	6.5	57.9	102	--	--	--
MW5	12/19/03	61.50	9.70	0.00	51.80	**2,070**	--	--	**28.5**	11.9	30.1	66.4	--	--	--
MW5	06/25/04	61.50	11.40	0.00	50.10	**1,680**	--	--	**18.8**	7.1	36.6	74.4	--	--	--
MW5	12/31/04	61.50	8.15	0.00	53.35	<100	--	--	<1.00	<1.0	<1.0	<1.0	--	--	--
MW5	09/15/05	61.50	12.44	0.00	49.06	**1,550**	--	--	**13.6**	5.58	51.5	40.3	--	--	--
MW5	02/24/06	61.50	7.90	0.00	53.60	<100	101	<100	1.32	<1.00	<1.00	<3.00	--	12.3	<5.00
MW5	08/28/06	61.50	12.96	0.00	48.54	**2,350**	**1,400**	<97.1	**16.5**	17.9	97.9	168	--	11.7	<5.00
MW5	11/17/06	61.50	8.58	0.00	52.92	277	<103	<103	2.33	<1.00	6.82	36.8	--	11.5	<5.00
MW5	02/07/07	61.50	9.03	0.00	52.47	235	**691**	152	<1.00	<1.00	3.38	14.1	--	<5.00	<5.00
Destroyed															
Screened Interval 5-20 ft bgs \ Total Depth 20 ft bgs															
MW6	04/25/93 b	60.85	8.42	0.00	52.43	**25,000**	--	--	**140**	500	**1,200**	**3,800**	--	**73**	--
MW6	04/25/93	60.85	8.42	0.00	52.43	**33,000**	--	--	**130**	480	**1,200**	**3,700**	--	--	--
MW6	04/25/93 b	60.85	8.42	0.00	52.43	**33,000**	--	--	**130**	480	**1,200**	**3,700**	--	--	--
MW6	04/25/93	60.85	8.42	0.00	52.43	**25,000**	--	--	**140**	500	**1,200**	**3,800**	--	**73**	--
MW6	02/11/95	60.85	8.48	0.00	52.37	**20,000**	--	--	**140**	500	530	**2,100**	--	2.9	--
MW6	03/28/96	60.85	11.81	**0.01**	49.05	**NAPL Present**									
MW6	08/06/96	60.85	11.38	0.00	49.47	**19,400**	--	--	**156**	261	536	**1,890**	--	--	--
MW6	11/12/96	60.85	10.23	0.00	50.62	**25,600**	--	--	**134**	433	508	**2,460**	--	--	--
MW6	02/19/97	60.85	7.10	0.00	53.75	**23,200**	--	--	**206**	513	**715**	**2,610**	--	--	--
MW6	05/26/97	60.85	6.40	0.00	54.45	**30,500**	--	--	**208**	884	**891**	**3,510**	--	--	--
MW6	09/23/97	60.85	10.65	**0.02**	50.22	**NAPL Present**									
MW6	12/05/97	60.85	10.60	0.00	50.25	**5,160**	--	--	**145**	239	230	709	--	--	--
MW6	03/23/98	60.85	9.80	0.00	51.05	**26,000**	--	--	**330**	490	**770**	**2,200**	--	<39	--
MW6	06/22/98	60.85	9.59	0.00	51.26	**28,000**	--	--	**360**	630	**880**	**3,200**	--	9.5	--
MW6	09/21/98	60.85	11.80	0.00	49.05	**26,000**	--	--	**300**	640	**790**	**2,400**	--	6.8	--
MW6	12/14/98	60.85	10.01	0.00	50.84	**25,000**	--	--	**140**	390	610	**1,900**	--	**42**	--
MW6	03/10/99	60.85	6.42	0.00	54.43	**16,000**	--	--	**140**	280	390	**1,600**	--	**35**	--
MW6	04/22/99	60.85	6.30	0.00	54.55	**20,000**	--	--	**120**	310	390	**1,900**	--	**47**	--
MW6	08/18/99	60.85	11.06	**0.02**	49.81	**37,000**	--	--	**390**	710	**820**	**3,100**	--	**80**	--
MW6	11/11/99	60.85	11.43	0.00	49.42	**24,000**	--	--	**380**	730	**890**	**2,500**	--	**39**	--
MW6	03/23/00	60.85	7.00	0.00	53.85	**17,000**	--	--	**270**	400	680	**1,800**	--	7.4	--
MW6	05/10/00	60.85	9.15	0.00	51.70	--	--	--	--	--	--	--	--	**28.6**	--
MW6	06/05/00	60.85	9.71	0.00	51.14	**18,000**	--	--	**300**	370	610	**1,100**	--	--	--
MW6	08/03/00	60.85	11.57	0.00	49.28	**24,000**	--	--	**250**	450	690	**1,600**	--	**399**	--
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
MW6	07/16/01	60.85	11.35	0.00	49.50	**29,000**	--	--	**250**	490	**780**	**3,000**	<20	--	--
MW6	10/31/01	60.85	12.55	0.00	48.30	**29,000**	--	--	**200**	550	**890**	**3,400**	--	--	--
MW6	02/22/02	60.85	8.34	0.00	52.51	**21,400**	--	--	**200**	535	**875**	**3,240**	**135**	--	--
MW6	08/20/02	60.85	7.61	0.00	53.24	**19,300**	--	--	**90.6**	101	420	**2,220**	--	--	--
MW6	02/07/03	60.85	8.47	0.00	52.38	**30,900**	--	--	**340**	560	**1,040**	**2,270**	--	--	--
MW6	06/20/03	60.85	10.95	0.00	49.90	**45,800**	--	--	**333**	482	688	**2,030**	--	--	--
MW6	12/19/03	60.85	NM	**0.01**	--	**NAPL Present**									
MW6	06/25/04 c	60.85	12.30	**0.01**	48.56	**NAPL Present**									
MW6	12/31/04 c	60.85	8.47	**0.01**	52.39	**NAPL Present**									
MW6	09/15/05	60.85	12.54	**0.22**	48.48	**NAPL Present**									
MW6	02/24/06	60.85	6.54	0.00	54.31	**5,100**	**194,000**	<10,100	**402**	561	**1,080**	**3,430**	--	12.3	14.1
MW6	08/28/06	60.85	12.10	**0.01**	48.76	**NAPL Present**									
MW6	11/17/06	60.85	8.92	0.00	51.93	**9,670**	**3,200**	<200	**56.8**	77.0	268	693	--	13.7	14.6
MW6	02/07/07	60.85	Inaccessible		--	--	--	--	--	--	--	--	--	--	--
Destroyed															
Screened Interval 5-20 ft bgs \ Total Depth 20 ft bgs															
MW7	04/25/93	61.66	9.90	0.00	51.76	110	--	--	<0.5	<0.5	<0.5	1.0	--	12	--
MW7	02/11/95	61.66	9.67	0.00	51.99	120	--	--	<0.5	<0.5	1.1	4.3	--	<2.0	--
MW7	03/28/96	61.66	11.72	0.00	49.94	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--
MW7	08/06/96	61.66	12.20	0.00	49.46	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--
MW7	11/12/96	61.66	11.48	0.00	50.18	56.5	--	--	<0.5	<0.5	0.824	3.58	--	--	--
MW7	02/19/97	61.66	8.95	0.00	52.71	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--
MW7	05/26/97	61.66	8.00	0.00	53.66	111	--	--	<0.5	<0.5	<0.5	1.3	--	--	--
MW7	09/23/97	61.66	11.65	0.00	50.01	63.8	--	--	1.21	<0.5	0.691	<0.5	--	<2.0	--
MW7	12/05/97	61.66	12.03	0.00	49.63	99.5	--	--	2.23	6.56	3.67	10.6	--	--	--
MW7	03/23/98	61.66	10.15	0.00	51.51	<50	--	--	<0.2	<0.2	<0.2	<0.6	--	<39	--
MW7	06/22/98	61.66	10.62	0.00	51.04	<50	--	--	<0.2	<0.2	<0.2	<0.6	--	<3.4	--
MW7	09/21/98	61.66	12.17	0.00	49.49	66	--	--	<0.2	0.4	1	6	--	<6.5	--
MW7	12/14/98	61.66	11.36	0.00	50.30	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.5	--
MW7	03/10/99	61.66	8.22	0.00	53.44	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.5	--
MW7	04/22/99	61.66	9.69	0.00	51.97	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	12	--
MW7	08/18/99	61.66	11.70	0.00	49.96	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.5	--
MW7	11/11/99	61.66	12.46	0.00	49.20	180	--	--	<0.2	<0.2	0.3	0.64	--	11	--
MW7	01/26/00	61.66	9.45	0.00	52.21	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	--	--
MW7	03/23/00	61.66	7.80	0.00	53.86	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.7	--
MW7	05/10/00	61.66	10.55	0.00	51.11	--	--	--	--	--	--	--	--	**85**	--
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
MW7	06/05/00	61.66	10.79	0.00	50.87	<48	--	--	<0.2	0.27	<0.2	<0.6	--	--	--
MW7	08/03/00	61.66	11.97	0.00	49.69	ND	--	--	ND	ND	ND	ND	--	14.9	--
MW7	07/16/01	61.66	11.87	0.00	49.79	<48	--	--	0.26J	<0.20	0.29J	0.78J	<0.30	--	--
MW7	10/31/01	61.66	8.84	0.00	52.82	260	--	--	0.52J	1.3	4.1	20	--	--	--
MW7	02/22/02	61.66	8.80	0.00	52.86	<100	--	--	<1.00	<1.00	<1.00	<1.00	<1.00	--	--
MW7	08/20/02	61.66	9.40	0.00	52.26	<100	--	--	<1.0	<1.0	<1.0	<1.0	--	--	--
MW7	02/07/03	61.66	8.87	0.00	52.79	104	--	--	<1.0	<1.0	2.3	7.5	--	--	--
MW7	06/20/03	61.66	11.51	0.00	50.15	509	--	--	3.40	6.2	11.6	43.0	--	--	--
MW7	12/19/03	61.66	11.16	0.00	50.50	<100	--	--	<1.00	<1.0	<1.0	<1.0	--	--	--
MW7	06/25/04	61.66	11.98	0.00	49.68	148	--	--	1.50	<1.0	4.4	7.5	--	--	--
MW7	12/31/04	61.66	9.80	0.00	51.86	<100	--	--	<1.00	<1.0	<1.0	<1.0	--	--	--
MW7	09/15/05	61.66	12.68	0.00	48.98	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	--	--
MW7	02/24/06	61.66	7.95	0.00	53.71	<100	**560**	**727**	<1.00	<1.00	<1.00	<3.00	--	--	--
MW7	08/28/06	61.66	12.08	0.00	49.58	<100	<105	413	<1.00	<1.00	<1.00	<3.00	--	**51.2**	<5.00
MW7	11/17/06	61.66	11.01	0.00	50.65	188	--	--	<1.00	<1.00	5.39	6.32	--	5.10	<5.00
MW7	02/07/07	61.66	9.00	0.00	52.66	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
Destroyed															
Screened Interval 5-20 ft bgs \ Total Depth 20 ft bgs															
MW8	08/06/96	56.30	9.70	0.00	46.60	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--
MW8	11/12/96	56.30	8.11	0.00	48.19	<50	--	--	<0.5	<0.5	0.595	2.79	--	--	--
MW8	02/19/97	56.30	4.30	0.00	52.00	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--
MW8	05/26/97	56.30	3.58	0.00	52.72	<50	--	--	<0.5	<0.5	<0.5	1.98	--	--	--
MW8	09/23/97	56.30	7.68	0.00	48.62	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	<2.0	--
MW8	12/05/97	56.30	7.45	0.00	48.85	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--
MW8	03/23/98	56.30	6.90	0.00	49.40	<50	--	--	<0.2	<0.2	<0.2	<0.6	--	<39	--
MW8	06/22/98	56.30	6.74	0.00	49.56	<50	--	--	<0.2	<0.2	<0.2	<0.6	--	<3.4	--
MW8	09/21/98	56.30	NM	0.00	--	<50	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.5	--
MW8	12/14/98	56.30	8.02	0.00	48.28	<48	--	--	<0.2	<0.2	<0.2	0.7	--	<6.5	--
MW8	03/10/99	56.30	4.75	0.00	51.55	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.5	--
MW8	04/22/99	56.30	5.22	0.00	51.08	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.5	--
MW8	08/18/99	56.30	7.84	0.00	48.46	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<6.5	--
MW8	11/11/99	56.30	7.53	0.00	48.77	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	<7.9	--
MW8	03/23/00	56.30	3.49	0.00	52.81	<48	--	--	<0.2	<0.2	<0.2	<0.6	--	2.66	--
MW8	05/10/00	56.30	6.10	0.00	50.20	--	--	--	--	--	--	--	--	<0.78	--
MW8	06/05/00	56.30	6.41	0.00	49.89	<48	--	--	0.23	0.42	<0.2	0.72	--	--	--
MW8	08/03/00	56.30	8.10	0.00	48.20	ND	--	--	ND	ND	ND	ND	--	**30.1**	--
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
MW8	07/16/01	56.30	7.71	0.00	48.59	<48	--	--	0.24J	0.49J	0.92J	3.5	<0.30	--	--
MW8	10/31/01	56.30	7.67	0.00	48.63	270	--	--	0.88J	1.7	7	22	--	--	--
MW8	02/22/02	56.30	3.41	0.00	52.89	<100	--	--	<1.00	<1.00	<1.00	<1.00	<1.00	--	--
MW8	08/20/02	56.30	6.96	0.00	49.34	<100	--	--	<1.0	<1.0	<1.0	<1.0	--	--	--
MW8	02/07/03	56.30	4.00	0.00	52.30	140	--	--	<1.0	<1.0	3.4	7.6	--	--	--
MW8	06/20/03	56.30	7.47	0.00	48.83	305	--	--	2.30	13.1	8.6	42.4	--	--	--
MW8	12/19/03	56.30	5.35	0.00	50.95	<100	--	--	<1.00	<1.0	<1.0	<1.0	--	--	--
MW8	06/25/04	56.30	7.80	0.00	48.50	253	--	--	3.40	5.3	10.0	29.7	--	--	--
MW8	12/31/04	56.30	9.35	0.00	46.95	<100	--	--	1.10	1.1	1.0	3.1	--	--	--
MW8	09/15/05	56.30	8.87	0.00	47.43	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	--	--
MW8	02/24/06	56.30	3.98	0.00	52.32	<100	<101	<101	<1.00	<1.00	<1.00	<3.00	--	--	--
MW8	08/28/06	56.30	9.34	0.00	46.96	<100	<97.1	<97.1	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW8	11/17/06	56.30	5.77	0.00	50.53	<100	<100	<100	<1.00	<1.00	1.25	3.03	--	**56.5**	<5.00
MW8	02/07/07	56.30	8.72	0.00	47.58	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW8	11/20/07	56.30	8.34	0.00	47.96	<250	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW8	02/20/08	56.30	4.01	0.00	52.29	<100	<97.1	<97.1	1.08	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW8	06/30/08	56.30	7.14	0.00	49.16	181	157	165	<1.00	1.21	1.13	6.86	--	<5.00	<5.00
MW8	08/21/08	56.30	8.73	0.00	47.57	124	120	107	<1.00	<1.00	<1.00	<3.00	--	**57.6**	<5.00
MW8	10/17/08	56.30	9.14	0.00	47.16	<100	<98.0	<98.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW8	01/15/09	56.30	3.22	0.00	53.08	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	**19.4**	<5.00
MW8	04/21/09	56.30	3.62	0.00	52.68	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	6.40	<5.00
MW8	07/09/09	56.30	7.62	0.00	48.68	<100	<100	<100	<1.00	<1.00	<1.00	<3.00	--	**68.4**	<5.00
MW8	11/02/09	56.30	8.67	0.00	47.63	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW8	02/23/10	56.30	3.29	0.00	53.01	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW8	05/18/10	56.30	5.86	0.00	50.44	<100	<97.1	<97.1	<1.00	<1.00	<1.00	<3.00	--	6.30	<5.00
MW8	05/20/10	56.30	NM	--	--	--	--	--	--	--	--	--	--	--	--
MW8	08/18/10	56.30	8.08	0.00	48.22	<100	<105	<105	<1.00	<1.00	<1.00	<3.00	--	5.50	<5.00
MW8	11/10/10	56.30	4.29	0.00	52.01	<100	<97.1	<97.1	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW8	02/18/11	56.30	4.68	0.00	51.62	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW8	05/06/11	56.30	3.37	0.00	52.93	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	**46.5**	<5.00
MW8	08/19/11	56.30	8.31	0.00	47.99	<100	<96.2	<240	<1.00	<1.00	<1.00	<3.00	--	**27.0**	<5.00
MW8	10/21/11	56.30	9.67	0.00	46.63	<100	<100	<250	<1.00	<1.00	<1.00	<3.00	--	9.50	<5.00
MW8	01/04/12	56.30	5.37	0.00	50.93	<100	<94.3	<236	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW8	04/27/12 e	65.80	4.02	0.00	61.78	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW8	07/17/12	65.80	6.84	0.00	58.96	<100	123	187	<1.00	<1.00	1.29	<3.00	--	5.10	<5.00
MW8	10/10/12	65.80	9.48	0.00	56.32	<100	<96.2	<96.2	<1.00	<1.00	1.04	<3.00	--	<5.00	<5.00
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
MW8	01/07/13	65.80	3.00	0.00	62.80	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	6.90	<5.00
MW8	04/10/13	65.80	2.39	0.00	63.41	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	6.10	<5.00
MW8	07/15/13	65.80	7.90	0.00	57.90	<100	<95.2	<95.2	<1.00	3.54	<1.00	<3.00	--	7.80	<5.00
Screened Interval 3-20 ft bgs \ Total Depth 20 ft bgs															
MW9	06/20/03	60.75	12.87	0.00	47.88	482	--	--	**5.00**	10.0	15.8	50.0	--	--	--
MW9	12/19/03	60.75	12.95	0.00	47.80	194	--	--	3.40	1.8	1.2	3.8	--	--	--
MW9	06/25/04	60.75	13.31	0.00	47.44	387	--	--	3.80	4.3	10.4	26.7	--	--	--
MW9	12/31/04	60.75	11.79	0.00	48.96	323	--	--	**5.00**	2.0	1.3	4.2	--	--	--
MW9	09/15/05	60.75	13.82	0.00	46.93	<100	--	--	<1.00	<1.00	<1.00	<3.00	--	--	--
MW9	02/24/06	60.75	10.84	0.00	49.91	<100	111	<101	<1.00	<1.00	<1.00	<3.00	--	--	--
MW9	08/28/06	60.75	14.17	0.00	46.58	<100	<93.9	<93.9	<1.00	<1.00	<1.00	<3.00	--	**22.9**	<5.00
MW9	11/17/06	60.75	13.39	0.00	47.36	105	<100	<100	1.92	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW9	02/07/07	60.75	11.40	0.00	49.35	<100	<101	<101	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW9	11/20/07	60.75	13.40	0.00	47.35	<250	447	307	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW9	02/20/08	60.75	10.08	0.00	50.67	<100	**775**	**695**	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW9	06/30/08	60.75	12.27	0.00	48.48	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	5.04	<5.00
MW9	08/21/08	60.75	13.40	0.00	47.35	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	8.65	<5.00
MW9	10/17/08	60.75	13.54	0.00	47.21	<100	<105	<105	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW9	01/15/09	60.75	7.16	0.00	53.59	184	270	**504**	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW9	04/21/09	60.75	9.64	0.00	51.11	<100	<102	<102	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW9	07/09/09	60.75	12.61	0.00	48.14	<100	<97.1	<97.1	<1.00	5.33	<1.00	<3.00	--	<5.00	<5.00
MW9	11/02/09	60.75	12.42	0.00	48.33	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW9	02/23/10	60.75	5.68	0.00	55.07	139	332	275	<1.00	<1.00	<1.00	<3.00	--	7.10	<5.00
MW9	05/18/10	60.75	11.44	0.00	49.31	<100	<98.0	<98.0	<1.00	<1.00	<1.00	<3.00	--	10.7	<5.00
MW9	05/20/10	60.75	NM	--	--	--	--	--	--	--	--	--	--	--	--
MW9	08/18/10	60.75	12.89	0.00	47.86	<100	<111	<111	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW9	11/10/10	60.75	8.62	0.00	52.13	<100	<99.0	<99.0	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW9	02/18/11	60.75	4.71	0.00	56.04	<100	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW9	05/06/11	60.75	7.62	0.00	53.13	<100	<98.0	<98.0	<1.00	<1.00	<1.00	<3.00	--	**114**	<5.00
MW9	08/19/11	60.75	13.00	0.00	47.75	<100	<95.2	<238	<1.00	<1.00	<1.00	<3.00	--	6.40	<5.00
MW9	10/21/11	60.75	13.89	0.00	46.86	<100	<102	<255	<1.00	<1.00	<1.00	<3.00	--	**27.0**	<5.00
MW9	01/04/12	60.75	8.46	0.00	52.29	<100	<97.1	<243	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW9	04/27/12 e	70.84	8.75	0.00	62.09	<100	<94.3	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW9	07/17/12	70.84	11.99	0.00	58.85	<100	<100	145	<1.00	18.2	<1.00	<3.00	--	5.90	<5.00
MW9	10/10/12	70.84	13.44	0.00	57.40	<100	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
MW9	01/07/13	70.84	5.21	0.00	65.63	**<100**	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW9	04/10/13	70.84	4.68	0.00	66.16	**<100**	397	303	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW9	07/15/13	70.84	12.81	0.00	58.03	**<100**	<95.2	113	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
Screened Interval 3-20 ft bgs \ Total Depth 20 ft bgs															
MW10	06/20/03	59.07	10.75	0.00	48.32	**37,400**	--	--	**286**	**1,670**	**1,010**	**5,300**	--	--	--
MW10	12/19/03	59.07	NM	**0.40**	--	**NAPL Present**									
MW10	06/25/04 c	59.07	NM	**0.01**	--	**NAPL Present**									
MW10	12/31/04 c	59.07	9.80	**0.04**	49.30	**NAPL Present**									
MW10	09/15/05	59.07	13.02	**0.16**	46.17	**NAPL Present**									
MW10	02/24/06	59.07	8.62	**0.01**	50.46	**NAPL Present**									
MW10	08/28/06	59.07	12.42	**0.10**	46.73	**NAPL Present**									
MW10	11/17/06	59.07	10.20	**0.35**	49.13	**NAPL Present**									
MW10	02/07/07	59.07	8.77	**0.03**	50.32	**NAPL Present**									
MW10	11/20/07	59.07	10.52	**0.02**	48.57	**NAPL Present**									
MW10	02/20/08	59.07	7.09	**0.01**	51.99	**NAPL Present**									
MW10	06/30/08	59.07	9.68	0.00	49.39	**16,700**	**29,700**	**11,400**	**36.4**	169	227	834	--	**15.0**	12.0
MW10	08/21/08	59.07	11.23	**0.01**	47.85	**NAPL Present**									
MW10	10/17/08	59.07	11.27	0.00	47.80	**30,100**	**11,500**	**2,690**	**65.7**	755	**1,120**	**4,700**	--	**75.4**	**60.2**
MW10	01/15/09	59.07	8.47	0.00	50.60	**21,200**	**28,300**	**10,100**	2.86	19.1	157	426	--	**22.6**	12.2
MW10	04/21/09	59.07	6.46	0.00	52.61	**6,040**	**8,150**	**8,960**	4.57	34.6	46.8	221	--	6.40	5.70
MW10	07/09/09	59.07	10.41	0.00	48.66	**14,200**	**8,140**	**3,090**	**42.6**	160	69.7	210	--	**26.3**	8.70
MW10	11/02/09	59.07	10.96	0.00	48.11	**21,700**	**35,200**	**8,540**	**57.4**	512	546	**3,660**	--	**63.4**	**74.3**
MW10	02/23/10	59.07	7.49	0.00	51.58	**<100**	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	6.00	<5.00
MW10	05/18/10	59.07	10.20	0.00	48.87	**2,980**	**5,250**	**4,670**	<1.00	1.94	3.77	7.13	--	**38.0**	10.7
MW10	05/20/10	59.07	NM	--	--	**--**	--	--	--	--	--	--	--	--	--
MW10	08/18/10	59.07	10.80	0.00	48.27	**5,880**	**2,350**	**668**	**31.5**	292	309	**1,120**	--	13.2	8.60
MW10	11/10/10	59.07	7.13	0.00	51.94	**3,020**	**3,420**	**2,660**	2.60	53.9	218	**1,170**	--	**27.8**	11.5
MW10	02/18/11	59.07	4.68	0.00	54.39	**1,280**	**766**	**573**	<1.00	<1.00	6.77	25.4	--	**15.7**	<5.00
MW10	05/06/11	59.07	7.07	0.00	52.00	264	**678**	**2,390**	<1.00	2.07	3.66	11.1	--	**15.5**	<5.00
MW10	08/19/11	59.07	11.01	0.00	48.06	**6,930**	**8,550**	**5,500**	**25.2**	313	262	732	--	**15.8**	<5.00
MW10	10/21/11	59.07	12.09	0.00	46.98	**12,400**	**2,380**	**652**	**20.8**	282	657	**2,290**	--	**32.1**	<5.00
MW10	01/04/12	59.07	7.51	0.00	51.56	**218**	411	**3,540**	<1.00	<1.00	<1.00	5.29	--	10.4	<5.00
MW10	04/27/12 e	69.17	7.02	0.00	62.15	**<100**	131	**2,790**	<1.00	<1.00	<1.00	<3.00	--	12.8	<5.00
MW10	07/17/12	69.17	10.44	**Sheen**	58.73	**4,860**	**19,500**	**11,800**	**10.2**	89.5	170	468	--	**18.6**	12.4
MW10	10/10/12	69.17	11.86	0.00	57.31	**9,850**	**3,040**	**716**	**19.3**	172	526	**1,590**	--	7.20	5.70
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
MW10	01/07/13	69.17	5.40	0.00	63.77	**2,380**	**1,270**	**1,110**	<1.00	3.88	80.1	175	--	11.7	<5.00
MW10	04/10/13	69.17	4.99	0.00	64.18	**1,350**	<95.2	<95.2	1.10	11.3	15.1	45.9	--	11.1	<5.00
MW10	07/15/13	69.17	10.85	0.00	58.32	**5,330**	**1,400**	472	**12.0**	109	159	507	--	**16.2**	5.60
Screened Interval 5-20 ft bgs \ Total Depth 20 ft bgs															
MW11	05/18/10	62.36	8.63	0.00	53.73	**<100**	<100	199	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW11	05/20/10	62.36	NM	--	--	--	--	--	--	--	--	--	--	--	--
MW11	08/18/10	62.36	10.46	0.00	51.90	**<100**	<105	<105	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW11	11/10/10	62.36	8.13	0.00	54.23	**<100**	<105	116	<1.00	<1.00	<1.00	<3.00	--	5.00	<5.00
MW11	02/18/11	62.36	4.96	0.00	57.40	**<100**	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW11	05/06/11	62.36	7.63	0.00	54.73	**<100**	<125	<125	<1.00	<1.00	<1.00	<3.00	--	**43.6**	<5.00
MW11	08/19/11	62.36	10.64	0.00	51.72	**<100**	<97.1	273	<1.00	<1.00	2.26	<3.00	--	<5.00	<5.00
MW11	10/21/11	62.36	11.66	0.00	50.70	**<100**	<111	<278	<1.00	<1.00	<1.00	<3.00	--	12.6	<5.00
MW11	01/04/12	62.36	8.70	0.00	53.66	**<100**	<98.0	<245	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW11	04/27/12 e	72.50	7.24	0.00	65.26	**<100**	<94.3	238	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW11	07/17/12	72.50	9.89	0.00	62.61	**<100**	135	219	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW11	10/10/12	72.50	11.95	0.00	60.55	**<100**	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW11	01/07/13	72.50	6.77	0.00	65.73	**<100**	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW11	04/10/13	72.50	4.91	0.00	67.59	**<100**	**1,840**	<94.3	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
MW11	07/15/13	72.50	10.60	0.00	61.90	**<100**	<95.2	<95.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
Screened Interval 5-20 ft bgs \ Total Depth 20 ft bgs															
MW12	05/18/10	59.27	6.16	0.00	53.11	**16,400**	**2,610**	113	**8.04**	13.6	689	335	--	9.50	<5.00
MW12	05/20/10 d	59.27	NM	--	--	**9,280**	**1,460**	<118	**6.19**	9.50	320	114	--	--	--
MW12	08/18/10	59.27	9.07	0.00	50.20	**4,990**	**1,430**	<125	**16.7**	6.12	345	39.5	--	<5.00	<5.00
MW12	11/10/10	59.27	4.89	0.00	54.38	**9,810**	**2,290**	128	**6.06**	10.2	518	144	--	9.80	8.00
MW12	02/18/11	59.27	3.19	0.00	56.08	**7,780**	**1,410**	<95.2	**6.96**	10.9	336	199	--	<5.00	<5.00
MW12	05/06/11	59.27	4.93	0.00	54.34	**8,560**	**1,130**	<94.3	2.88	6.60	408	76.0	--	9.50	<5.00
MW12	08/19/11	59.27	9.34	0.00	49.93	**2,500**	**660**	<250	1.51	1.42	50.3	4.28	--	**73.3**	<5.00
MW12	10/21/11	59.27	10.31	0.00	48.96	**2,780**	**535**	<263	**8.82**	3.10	42.0	29.8	--	**26.2**	<5.00
MW12	01/04/12	59.27	6.41	0.00	52.86	**5,310**	**2,050**	<250	3.57	4.81	314	48.8	--	5.70	<5.00
MW12	04/27/12 e	69.41	4.86	0.00	64.55	**10,400**	**1,860**	<190	1.85	4.00	371	50.8	--	<5.00	<5.00
MW12	07/17/12	69.41	8.10	0.00	61.31	**12,800**	**2,730**	<111	2.30	5.43	557	53.9	--	7.50	<5.00
MW12	10/10/12	69.41	10.44	0.00	58.97	**3,310**	**822**	<96.2	**8.62**	2.05	38.1	13.8	--	<5.00	<5.00
MW12	01/07/13	69.41	4.13	0.00	65.28	**5,030**	**1,760**	<95.2	**6.94**	6.87	377	85.3	--	<5.00	<5.00
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
MW12	04/10/13	69.41	3.01	0.00	66.40	**11,300**	434	<95.2	3.35	3.02	227	28.1	--	8.10	<5.00
MW12	07/15/13	69.41	9.23	0.00	60.18	**4,500**	**984**	145	1.19	1.05	121	7.15	--	8.60	<5.00
Screened Interval 5-20 ft bgs \ Total Depth 20 ft bgs															
MW13	05/18/10	59.08	6.96	0.00	52.12	**6,550**	**1,270**	<94.3	**107**	19.8	382	47.1	--	8.00	<5.00
MW13	05/20/10 d	59.08	NM	--	--	**16,700**	**3,440**	<125	**49.0**	27.5	**869**	142	--	--	--
MW13	08/18/10	59.08	9.01	0.00	50.07	**7,700**	**1,910**	<125	**65.4**	24.2	**809**	73.9	--	**15.6**	<5.00
MW13	11/10/10	59.08	4.75	0.00	54.33	**10,500**	**3,340**	101	**18.9**	16.2	**740**	110	--	10.1	9.50
MW13	02/18/11	59.08	3.05	0.00	56.03	**3,510**	**957**	<95.2	4.36	4.90	189	23.6	--	**19.8**	<5.00
MW13	05/06/11	59.08	4.31	0.00	54.77	**9,560**	**1,920**	<96.2	**12.1**	15.2	695	82.2	--	8.70	<5.00
MW13	08/19/11	59.08	9.33	0.00	49.75	**3,510**	**1,370**	<278	**21.8**	4.07	257	10.4	--	**47.9**	<5.00
MW13	10/21/11	59.08	10.42	0.00	48.66	**2,460**	**893**	<248	**16.0**	1.67	73.9	11.1	--	**190**	<5.00
MW13	01/04/12	59.08	4.10	0.00	54.98	**4,190**	**2,070**	<240	**9.46**	6.53	246	25.6	--	**53.9**	<5.00
MW13	04/27/12 e	69.23	4.50	0.00	64.73	**5,350**	**1,180**	190	**5.26**	3.91	165	24.6	--	<5.00	<5.00
MW13	07/17/12	69.23	8.02	0.00	61.21	**7,490**	**1,820**	119	**20.3**	11.5	687	39.7	--	8.70	<5.00
MW13	10/10/12	69.23	10.62	0.00	58.61	**1,930**	**856**	<96.2	**20.7**	1.09	40.1	5.10	--	8.60	<5.00
MW13	01/07/13	69.23	2.68	**Sheen**	66.55	**589**	314	<95.2	1.99	1.80	53.2	8.57	--	<5.00	<5.00
MW13	04/10/13	69.23	2.99	0.00	66.24	**997**	**1,200**	<93.5	2.22	1.97	86.7	11.8	--	<5.00	<5.00
MW13	07/15/13	69.23	9.12	0.00	60.11	**1,770**	417	<95.2	**6.40**	2.61	91.8	7.56	--	7.70	5.60
Screened Interval 5-20 ft bgs \ Total Depth 20 ft bgs															
MW14	05/18/10	59.20	6.71	0.00	52.49	**4,700**	**1,500**	269	**17.0**	9.33	12.3	151	--	7.20	<5.00
MW14	05/20/10 d	59.20	NM	--	--	**10,200**	**2,240**	161	**26.8**	38.9	184	271	--	--	--
MW14	08/18/10	59.20	9.56	0.00	49.64	**3,660**	**614**	<111	**53.1**	20.3	259	90.4	--	6.80	<5.00
MW14	11/10/10	59.20	5.11	0.00	54.09	**5,430**	**1,110**	<105	**28.3**	24.2	305	212	--	8.10	8.40
MW14	02/18/11	59.20	4.52	0.00	54.68	**2,620**	**1,030**	196	**15.8**	7.79	124	27.7	--	<5.00	<5.00
MW14	05/06/11	59.20	5.28	0.00	53.92	**7,030**	**1,410**	<94.3	**11.0**	24.2	295	183	--	10.8	<5.00
MW14	08/19/11	59.20	9.79	0.00	49.41	**2,250**	**524**	<236	**22.7**	3.31	62.9	16.4	--	6.00	<5.00
MW14	10/21/11	59.20	10.92	0.00	48.28	**2,740**	318	<255	**30.0**	1.62	15.4	8.63	--	9.30	<5.00
MW14	01/04/12	59.20	NM	--	--	--	--	--	--	--	--	--	--	--	--
MW14	04/27/12 e	69.34	4.53	0.00	64.81	**4,880**	**1,210**	329	2.24	8.52	89.7	116	--	<5.00	<50.0
MW14	07/17/12	69.34	8.61	**Sheen**	60.73	**NAPL Present**									
MW14	10/10/12	69.34	11.04	**0.02**	58.32	**NAPL Present**									
MW14	01/07/13	69.34	3.61	0.00	65.73	**3,350**	**1,220**	<100	3.76	3.06	103	95.9	--	5.00	<5.00
MW14	04/10/13	69.34	3.12	0.00	66.22	**4,860**	**1,090**	<94.3	**5.57**	13.2	153	152	--	<5.00	<5.00
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
MW14	07/15/13	69.34	9.62	0.00	59.72	**1,860**	**1,060**	**890**	3.68	1.52	41.8	6.97	--	6.50	<5.00
Screened Interval 5-20 ft bgs \ Total Depth 20 ft bgs															
MW15	05/18/10	59.75	7.71	0.00	52.04	**5,880**	**1,170**	148	4.36	19.7	25.7	382	--	7.00	<5.00
MW15	05/20/10 d	59.75	NM	--	--	**6,670**	**988**	<125	4.26	19.5	55.1	309	--	--	--
MW15	08/18/10	59.75	10.40	0.00	49.35	**8,040**	**2,320**	<105	**24.8**	60.0	570	928	--	**19.9**	<5.00
MW15	11/10/10	59.75	8.85	0.00	50.90	**4,590**	**692**	<111	**6.07**	26.9	158	435	--	8.20	6.90
MW15	02/18/11	59.75	4.14	0.00	55.61	**2,760**	**869**	146	3.82	9.66	110	152	--	7.40	<5.00
MW15	05/06/11	59.75	6.17	0.00	53.58	720	177	<96.2	<1.00	1.69	28.0	12.3	--	7.30	<5.00
MW15	08/19/11	59.75	10.55	0.00	49.20	**8,520**	**1,150**	<248	**17.0**	48.8	453	648	--	<5.00	<5.00
MW15	10/21/11	59.75	11.56	0.00	48.19	**6,870**	**1,730**	<245	**19.5**	51.9	410	402	--	**274**	<5.00
MW15	01/04/12	59.75	6.05	0.00	53.70	**1,210**	**635**	<238	<1.00	2.80	51.3	80.5	--	**33.3**	<5.00
MW15	04/27/12 e	69.89	5.93	0.00	63.96	153	369	227	<1.00	<1.00	1.87	<3.00	--	<5.00	<5.00
MW15	07/17/12	69.89	9.56	0.00	60.33	**7,370**	**2,100**	360	**7.59**	31.9	358	440	--	7.90	<5.00
MW15	10/10/12	69.89	11.75	0.00	58.14	**4,690**	**1,430**	<96.2	**7.32**	19.0	152	241	--	<5.00	<5.00
MW15	01/07/13	69.89	4.16	0.00	65.73	**806**	424	<95.2	<1.00	1.42	22.9	39.3	--	<5.00	<5.00
MW15	04/10/13	69.89	3.81	0.00	66.08	**1,720**	454	<95.2	<1.00	2.06	31.4	68.9	--	<5.00	<5.00
MW15	07/15/13	69.89	10.43	0.00	59.46	**2,380**	**548**	95.2	2.88	10.8	106	106	--	**19.6**	<5.00
Screened Interval 5-25 ft bgs \ Total Depth 25 ft bgs															
MW16	04/27/12 e	70.71	11.78	0.00	58.93	**66,100**	**4,810**	<500	**514**	857	**1,430**	**8,250**	--	**25.2**	<5.00
MW16	07/17/12	70.71	13.45	0.00	57.26	**44,600**	**8,950**	<111	**307**	702	**1,520**	**6,990**	--	**76.9**	**27.0**
MW16	10/10/12	70.71	14.80	**0.13**	56.01	**NAPL Present**									
MW16	01/07/13	70.71	10.39	**0.10**	60.40	**NAPL Present**									
MW16	04/10/13	70.71	10.27	**0.06**	60.49	**NAPL Present**									
MW16	07/15/13	70.71	14.21	**0.30**	56.73	**NAPL Present**									
Screened Interval 5-25 ft bgs \ Total Depth 25 ft bgs															
MW17	04/27/12 e	70.39	10.34	0.00	60.05	**62,900**	**17,800**	<943	**1,320**	**1,080**	**1,650**	**5,200**	--	**640**	<50.0
MW17	07/17/12	70.39	13.42	**0.85**	57.61	**NAPL Present**									
MW17	10/10/12	70.39	16.76	**5.34**	57.64	**NAPL Present**									
MW17	01/07/13	70.39	10.33	**1.42**	61.13	**NAPL Present**									
MW17	04/10/13	70.39	10.08	**1.36**	61.33	**NAPL Present**									
MW17	07/15/13	70.39	17.19	**5.76**	57.52	**NAPL Present**									
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
Screened Interval 11-17 ft bgs \ Total Depth 17 ft bgs															
RW1	03/28/96	61.20	13.85	0.00	47.35	**13,000**	--	--	**360**	630	300	**1,400**	--	--	--
RW1	08/06/96	61.20	11.79	0.00	49.41	**11,500**	--	--	**407**	594	468	**1,510**	--	--	--
RW1	11/11/96	61.20	10.60	0.00	50.60	**<50**	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--
RW1	02/19/97	61.20	7.58	0.00	53.62	**<50**	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--
RW1	05/26/97	61.20	6.21	0.00	54.99	**<50**	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--
RW1	09/23/97	61.20	NM	--	--	--	--	--	--	--	--	--	--	--	--
RW1	12/05/97	61.20	10.91	0.00	50.29	--	--	--	--	--	--	--	--	--	--
RW1	03/23/98	61.20	7.92	0.00	53.28	390	--	--	**14**	3	10	14	--	<39	--
RW1	06/22/98	61.20	9.73	0.00	51.47	**1,600**	--	--	**72**	27	110	69	--	5.3	--
RW1	09/21/98	61.20	NM	--	--	--	--	--	--	--	--	--	--	--	--
RW1	12/14/98	61.20	10.43	0.00	50.77	--	--	--	--	--	--	--	--	--	--
RW1	03/10/99	61.20	NM	--	--	--	--	--	--	--	--	--	--	--	--
RW1	04/22/99	61.20	NM	--	--	--	--	--	--	--	--	--	--	--	--
RW1	08/18/99	61.20	NM	--	--	--	--	--	--	--	--	--	--	--	--
RW1	11/11/99	61.20	NM	--	--	--	--	--	--	--	--	--	--	--	--
RW1	03/23/00	61.20	7.25	0.00	53.95	**<48**	--	--	<0.2	<0.2	<0.2	<0.6	--	2.38	--
RW1	05/10/00	61.20	NM	--	--	--	--	--	--	--	--	--	--	--	--
RW1	06/05/00	61.20	NM	--	--	--	--	--	--	--	--	--	--	--	--
RW1	08/03/00	61.20	NM	--	--	--	--	--	--	--	--	--	--	--	--
RW1	07/16/01	61.20	11.53	0.00	49.67	**8,800**	--	--	**180**	270	400	990	<20	--	--
RW1	10/31/01	61.20	13.38	0.00	47.82	430	--	--	**61**	2.3	29	6.5	--	--	--
RW1	02/22/02	61.20	8.00	0.00	53.20	**1,250**	--	--	**19.1**	53.3	27.9	131	8.50	--	--
RW1	08/20/02	61.20	7.71	0.00	53.49	189	--	--	**5.7**	1.6	7.9	7.2	--	--	--
RW1	02/07/03	61.20	8.09	0.00	53.11	**2,570**	--	--	**68.2**	54.3	72.6	142	--	--	--
RW1	06/20/03	61.20	11.20	0.00	50.00	**6,130**	--	--	**125**	183	257	817	--	--	--
RW1	12/19/03	61.20	10.75	0.00	50.45	**6,500**	--	--	**152**	289	334	912	--	--	--
RW1	06/25/04 c	61.20	11.74	0.00	49.46	**18,300**	--	--	**255**	625	**935**	**3,600**	--	--	--
RW1	12/31/04	61.20	8.80	0.00	52.40	**2,540**	--	--	**71.5**	67.2	173	205	--	--	--
RW1	09/15/05	61.20	12.62	0.00	48.58	**2,400**	--	--	**34.1**	35.5	56.1	256	--	--	--
RW1	02/24/06	61.20	NM	--	--	--	--	--	--	--	--	--	--	--	--
RW1	08/28/06	61.20	NM	--	--	--	--	--	--	--	--	--	--	--	--
RW1	11/17/06	61.20	NM	--	--	--	--	--	--	--	--	--	--	--	--
RW1	02/07/07	61.20	NM	--	--	--	--	--	--	--	--	--	--	--	--
Destroyed															
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
Screened Interval 6-20 ft bgs \ Total Depth 20 ft bgs															
DPE1	12/31/04	60.81	7.15	**0.02**	53.68	**NAPL Present**									
DPE1	09/15/05	60.81	12.37	0.00	48.44	**5,140**	--	--	**74.6**	34.8	24.6	96.4	--	--	--
DPE1	02/24/06	60.81	6.00	0.00	54.81	**940**	**823**	<101	**12.4**	6.05	6.71	13.1	--	<5.00	<5.00
DPE1	08/28/06	60.81	11.57	**0.02**	49.26	**NAPL Present**									
DPE1	11/17/06	60.81	7.35	**0.03**	53.48	**NAPL Present**									
DPE1	02/07/07	60.81	7.46	0.00	53.35	**3,210**	**8,410**	**2,970**	**15.8**	4.48	33.4	42.1	--	8.80	<5.00
Destroyed															
Screened Interval 6-20 ft bgs \ Total Depth 20 ft bgs															
DPE2	12/31/04	61.36	9.42	**0.01**	51.95	**NAPL Present**									
DPE2	09/15/05	61.36	12.28	0.00	49.08	**257**	--	--	2.12	1.42	1.37	3.79	--	--	--
DPE2	02/24/06	61.36	7.83	0.00	53.53	**2,380**	**832**	404	**50.7**	6.09	10.3	8.60	--	<5.00	<5.00
DPE2	08/28/06	61.36	11.86	**0.03**	49.52	**NAPL Present**									
DPE2	11/17/06	61.36	10.93	0.00	50.43	**8,660**	**28,200**	**9,140**	**65.1**	11.8	133	129	--	<5.00	<5.00
DPE2	02/07/07	61.36	8.71	0.00	52.65	**5,300**	**2,040**	404	**40.5**	1.67	114	110	--	<5.00	<5.00
Destroyed															
Screened Interval 6-20 ft bgs \ Total Depth 20 ft bgs															
DPE3	12/31/04	60.65	7.29	**0.02**	53.38	**NAPL Present**									
DPE3	09/15/05	60.65	11.65	**Sheen**	49.00	**9,940**	--	--	**67.8**	94.7	110	428	--	--	--
DPE3	02/24/06	60.65	5.49	0.00	55.16	**951**	**19,600**	<5,050	**58.8**	23.0	51.7	190	--	**21.1**	12.0
DPE3	08/28/06	60.65	11.64	**0.01**	49.02	**NAPL Present**									
DPE3	11/17/06	60.65	8.25	0.00	52.40	**17,100**	**2,850**	**1,810**	**134**	294	461	**1,660**	--	**42.9**	**25.9**
DPE3	02/07/07	60.65	7.10	0.00	53.55	**14,500**	**2,270**	253	**103**	53.0	170	659	--	<5.00	<5.00
Destroyed															
Screened Interval 6-20 ft bgs \ Total Depth 20 ft bgs															
DPE4	12/31/04	61.29	9.88	**0.03**	51.43	**NAPL Present**									
DPE4	09/15/05	61.29	12.99	0.00	48.30	**1,430**	--	--	3.75	6.40	36.5	27.8	--	--	--
DPE4	02/24/06	61.29	7.84	0.00	53.45	**345**	**604**	<101	2.31	1.53	1.53	15.2	--	<5.00	<5.00
DPE4	08/28/06	61.29	12.40	**0.02**	48.91	**NAPL Present**									
DPE4	11/17/06	61.29	10.34	0.00	50.95	**1,890**	**1,470**	<105	**13.4**	13.8	12.5	19.3	--	<5.00	<5.00
DPE4	02/07/07	61.29	8.60	0.00	52.69	**330**	207	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
Destroyed															
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

TABLE 3
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Well ID	Sampling Date	Wellhead Elev (feet)	DTW (feet)	NAPL (feet)	GW Elev (feet)	TPHg (µg/L)	TPHd (µg/L)	TPHmo (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	Total Pb (µg/L)	Diss Pb (µg/L)
Screened Interval 6-20 ft bgs \ Total Depth 20 ft bgs															
DPE5	12/31/04	60.61	7.67	**0.02**	52.96	**NAPL Present**									
DPE5	09/15/05	60.61	10.95	0.00	49.66	**1,180**	--	--	<1.00	4.62	63.6	29.7	--	--	--
DPE5	02/24/06	60.61	6.23	0.00	54.38	**137**	<101	<101	1.10	<1.00	<1.00	<3.00	--	7.06	<5.00
DPE5	08/28/06	60.61	11.49	**0.01**	49.13	**NAPL Present**									
DPE5	11/17/06	60.61	8.75	**0.02**	51.88	**NAPL Present**									
DPE5	02/07/07	60.61	7.22	0.00	53.39	**2,910**	**655**	<95.7	**33.8**	4.28	110	65.1	--	11.3	<5.00
Destroyed															
Screened Interval 6-20 ft bgs \ Total Depth 20 ft bgs															
DPE6	02/24/06	NE	5.31	0.00	--	**<100**	<101	<101	<1.00	<1.00	<1.00	<3.00	--	--	--
DPE6	08/28/06	NE	10.14	**0.01**	--	**NAPL Present**									
DPE6	11/17/06	NE	4.95	0.00	--	**124**	<105	<105	1.03	1.84	2.50	8.68	--	<5.00	<5.00
DPE6	02/07/07	NE	5.77	0.00	--	**<100**	<96.2	<96.2	<1.00	<1.00	<1.00	<3.00	--	<5.00	<5.00
Destroyed															
MTCA Method A Cleanup Levels						800/1,000[a]	500	500	5	1,000	700	1,000	20	15	15

EXPLANATION:

ft bgs = feet below ground surface
µg/L = micrograms per Liter
Data collected before 07/16/01 was transferred from prior consultant's reports
DTW = Depth to water in feet below top of casing
NAPL = Non-aqueous Phase Liquid thickness in feet
GW Elev = Groundwater elevation relative to top of casing elevations
Groundwater elevation corrected for NAPL using the formula: Ref Elevation - DTW + (0.75*NAPL(ft))
TPHg = Total Petroleum Hydrocarbons as Gasoline in accordance with Ecology Method NWTPH-Gx
TPHd and TPHmo= Total Petroleum Hydrocarbons as Diesel and Motor Oil, respectively, in accordance with Ecology Method NWTPH-Gx
B = Benzene; T = Toluene; E = Ethylbenzene; X = Total Xylenes
BTEX = Aromatic compounds in accordance with EPA Method 8021B or 8260B
MTBE = Methyl Tert-Butyl Ether in accordance with EPA Method 8021B
Total and Diss Pb = Total and Dissolved lead in accordance with EPA Methods 6020B, 6010B, or 7421
< = Less than the stated laboratory reporting limit
NE = Not Established; NM = Not Measured; ND = Not Detected ; -- = Not Analyzed or Sampled
Shaded values equal or exceed MTCA Method A Cleanup Levels
a = TPHg cleanup level for groundwater is 800 ug/L if benzene is present, or 1,000 ug/L if benzene is not present
b = Sample duplicate collected for laboratory precision review purposes
c = DTW for MW1, MW6, MW10, and RW1 taken after pulling skimmers and not representative
d = No purge groundwater samples were collected from MW12 through MW15 on 05/20/10
e = Wellhead elevations were resurveyed on 04/25/12 by Cardno WRG using NAVD 88
J = Estimated value between the laboratory reporting limit and the method detection limit

TABLE 4
CUMULATIVE SOIL VAPOR ANALYTICAL RESULTS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Sample Name	Sample Date (mm/dd/yy)	Depth (ft bgs)	TPHg ($\mu g/m^3$)	B ($\mu g/m^3$)	T ($\mu g/m^3$)	E ($\mu g/m^3$)	o-Xylene ($\mu g/m^3$)	p/m-Xylene ($\mu g/m^3$)	IPA ($\mu g/m^3$)
VMP-1	05/09/06	5	<21,000	<2.4	2.9	<3.3	<3.3	<6.6	<7.4
VMP-2	05/09/06	5	<22,000	<2.5	<3.0	<3.4	<3.4	<6.8	1,300
VMP-3	05/09/06	5	<20,000	<2.3	4.5	<3.1	<3.1	7.4	33
VMP-4	05/09/06	5	<20,000	<2.4	4.9	<3.2	<3.2	6.7	22
VMP-5	05/09/06	5	<22,000	<2.5	3.4	<3.4	<3.4	7.9	14
Soil Gas Screening Levels			N/A	3.2	22,000	4,600	460	460	N/A

EXPLANATION:

feet bgs = feet below ground surface

$\mu g/m^3$ = micrograms per cubic meter

TPHg = Total Petroleum Hydrocarbons as Gasoline analyzed in accordance with EPA Method TO-3M

B = Benzene; T = Toluene; E = Ethylbenzene; o-Xylene = ortho-Xylene; p/m-Xylene = para-/meta-Xylene

BTEX = Aromatic compounds analyzed in accordance with EPA Method TO-15

IPA = Isopropanol analyzed in accordance with EPA Method TO-15

Shaded values equal or exceed the Washington soil vapor screening levels in accordance with the draft *Guidance for Evaluating Soil Vapor Intrusion in Washington State, October 2009*.

NA = Not applicable

< = Less than the stated laboratory reporting limit

APPENDIX A
VOLUNTARY CLEANUP PROGRAM APPLICATION

Cardno
Shaping the Future

Voluntary Cleanup Program

Washington State Department of Ecology
Toxics Cleanup Program

APPLICATION FORM

Under the Voluntary Cleanup Program (VCP), the Department of Ecology (Ecology) may provide informal site-specific technical consultations to persons conducting independent remedial actions at a hazardous waste site. Ecology may provide such consultations under the authority of the Model Toxics Control Act (MTCA), Chapter 70.105D RCW, and its implementing regulations, Chapter 173-340 WAC.

To enter the VCP, complete and submit to the Department of Ecology (Ecology) a VCP Application. The Application consists of the following two documents:

1. Application Form (including required attachments). ← **THIS DOCUMENT**
2. Agreement.

For guidance on how to complete your Application, please refer to the Application Instructions, which are available separately on the VCP web site: www.ecy.wa.gov/programs/tcp/vcp/vcpmain.htm.

Part 1 - ADMINISTRATION

A. Customer Information. The Customer is the person or organization requesting services from Ecology under the VCP, and is responsible for paying the costs incurred by Ecology. The authority and duty of the Customer are explained in the Agreement.

Name of Customer: Lee Hanley

What type of entity is the Customer?

☐ Person

*If the Customer is a **"person,"** then the Customer shall serve as both the Manager and Billing Contact for the Project. When identifying the Project Manager below, please enter the name of the Customer and his or her contact information.*

☒ Organization

*If the Customer is an **"organization,"** then please identify below both a Manager and Billing Contact for the Project. Those persons must be employed by the organization.*

What is the Customer's involvement at the Site? Please check all that apply.

☐ Property owner
☐ Past property owner
☐ Future property owner
☐ Property lessee
☒ Other – please specify: Prior Lesee
☐ Business owner (operator)
☐ Mortgage holder
☐ Consultant
☐ Attorney

If not the current property owner, is the Customer acting as the agent for the property owner?

☐ Yes ☒ No

If not the current property owner, is the Customer authorized to grant access to the property?

☐ Yes ☒ No

Part 1 – ADMINISTRATION continued

B. Project Manager Information. Ecology will send this person all official correspondence. Please enter the required information below.

Name: Justin Foslien		Title: Project Manager
Mailing address: 801 Second Avenue, Suite 700		
City: Seattle	State: WA	Zip: 98104
Phone: 206 394 7230	Fax: 206 269 0098	E-mail: justin.foslien@cardon.com

C. Project Billing Contact Information. Ecology will send this person monthly invoices.

Is the Project Billing Contact the same as the Project Manager?

☐ Yes *If you answered **"YES,"** then skip to the next question.*

☒ No *If you answered **"NO,"** then please enter the required information below.*

Name: Lee Hanley		Title: Project Manager
Mailing address: 1464 Madera Road, Suite N, #265		
City: Simi Valley	State: CA	Zip: 93065
Phone: 805 527 4860	Fax: 805 527 4864	E-mail: lee.w.hanley@exxonmocil.com

D. Project Consultant Information.

Is the Customer a consultant?

☐ Yes *If you answered **"YES,"** then skip to the next question.*

☒ No *If you answered **"NO"** and the Customer hired a consultant to conduct the independent remedial action, then enter the required information below.*

Name: Justin Foslien		Title: Project Manager
Organization: Carnod ERI		
Mailing address: 801 Second Avenue, Suite 700		
City: Seattle	State: WA	Zip: 98104
Phone: 206 394 7230	Fax: 206 269 0098	E-mail: justin.foslien@cardno.com

Do you want Ecology to contact the Project Consultant?

☒ Yes ☐ No

E. Property Owner Information.

Is the Customer the owner of the property where independent remedial action is being conducted?

☐ Yes *If you answered **"YES,"** then enter the type of entity and skip to the next question.*

☒ No *If you answered **"NO,"** then please enter all of the required information below.*

Name: Paul N. Joos		Title:
Organization: 2200 Boston LLC		
Mailing address: 4057 Williams Avenue North		
City: Renton	State: WA	Zip: 98056
Phone: 425 255 4250	Fax: 425 271 3294	E-mail:

Part 1 – ADMINISTRATION continued

What type of entity is the property owner? Please check only one.

☒ Private	☐ County
☐ Tribal	☐ Municipal
☐ Federal	☐ Mixed
☐ State	☐ Public School
☐ Other – please specify: _____	

F. Request for Written Opinion.

Are you requesting a written opinion at this time?

☒ Yes ☐ No

If you answered **"YES,"** on what planned or completed remedial action do you want a written opinion?

A site-wide excavation to remove soil and groundwater exceeding MTCA Method A Cleanup Levels is proposed for the subject site. An opinion is requested on the validity of excavation as a means of remediation to move toward a property specific no further action determination.

Please attach to this Application any additional remedial action plans or reports you want Ecology to review. Ecology will base its opinion on the information contained in the Site file, including any information attached to this Application.

If you answered **"NO,"** please explain why you are enrolling in the VCP at this time and when you expect to request a written opinion from Ecology.

Attach additional pages if necessary.

G. Reporting Requirements.

Please comply with the following reporting requirements when requesting written opinions on planned or completed remedial actions:

- ❑ **Licensing.** Documents submitted containing geologic, hydrologic, or engineering work must be under the seal of an appropriately licensed professional, as required by Chapters 18.43 and 18.220 RCW.
- ❑ **Data Submittal.** Environmental sampling data must be submitted in both a printed form and an electronic form capable of being transferred into Ecology's data management systems. For instructions on how to submit the data, please refer to the following Ecology web site: www.ecy.wa.gov/programs/tcp/data_submittal/Data_Requirements.htm.

Failure to comply with these requirements may result in unnecessary delays. **Ecology will not issue a No Further Action (NFA) opinion unless these requirements are satisfied.**

Part 2 - DESCRIPTION OF THE SITE

A. Name of the Site. If Ecology has already identified the Site, enter the name provided by Ecology. Otherwise, enter a suggested name for the Site. You may also include an alternate name.

Name: Former Mobil Station 99MPB

Alternate Name: NA

B. Location of Property where the Releases Occurred (Source Property).

The "source property" is the property where hazardous substances were released into the environment. For example, if petroleum was released from a leaking UST, the source property is the property where the UST was located.

Do you know on which property the releases occurred?

☒ Yes — *If you answered **"YES,"** then please refer to the source property when answering the following questions.*

☐ No — *If you answered **"NO,"** then please refer to the property addressed by your remedial action (cleanup) when answering the following questions.*

Physical Address. Please enter the physical address of the property below.

Street Address: 2200 24th Avenue East		
City: Seattle	State: WA	Zip: 98112

Geographic Position. Please enter the geographical position of the property below. For additional guidance on how to complete this part, please refer to instructions on the VCP web site.

COORDINATES	**LATITUDE:**	Degrees: 47	Minutes: 38	Seconds: 20
	LONGITUDE :	Degrees: -122	Minutes: 18	Seconds: 05
LOCATION ON PROPERTY: [e.g., point of release or center of parcel]		Former UST Area		
COLLECTION METHOD: [e.g., GPS or address matching]		Address Matching		
COLLECTION SOURCE: [i.e., map scale]		Scale Drawings		
HORIZONTAL DATUM: [i.e., base reference for coordinate system]		Property Boundaries		
ACCURACY LEVEL: [i.e., +/- feet or meters]		+/- 1-Foot		

Legal Descriptions.

TRS DATA:	Township: T25N	Range: R04E	Section: 21	Quarter-Quarter: SW-NE
TAX PARCEL #(S):	8712100035			

Part 2 - DESCRIPTION OF THE SITE continued

C. Identification of Properties affected by the Releases (Affected Properties).

An "affected property" is a property affected by the release of hazardous substances on the source property. For example, petroleum released from a leaking UST on one property (source property) may migrate through the soil or ground water onto an adjacent property (affected property).

Do any of the releases affect any properties adjacent to the source property?

☒ Yes — *If you answered **"YES,"** then please identify below each property that you know has been affected by the releases on the source property. If you need to identify additional properties, please attach additional pages.*

☐ No — *If you answered **"NO,"** then skip to the next question.*

☐ Unknown — *If you answered **"UNKNOWN,"** then skip to the next question.*

1.	Address: 2401 East Lynn Street Seattle, WA 98112
	Tax Parcel(s): 8712100005
2.	Address:
	Tax Parcel(s):
3.	Address:
	Tax Parcel(s):
4.	Address:
	Tax Parcel(s):

D. Identification of Public Right-of-Ways affected by the Releases.

Do any of the releases affect any public right-of-ways (e.g., streets)?

☒ Yes ☐ No ☐ Unknown

If you answered **"YES"** above, please specify below. Otherwise, skip to the next question.

Soil and groundwater cocnetrations exceeding MTCA Method A Cleanup Levels extend into the public right-of-way (alley way) between the subject property and Mason Apartments owned by Seattle Housing Authority.

Attach additional pages if necessary.

E. Extent of the Site.

What is the approximate areal extent of the Site? Please check only one.

☐ < 5,000 square feet
☐ > 5,000 square feet, but < 1 acre
☒ > 1 acre, but < 10 acres
☐ > 10 acres
☐ Unknown

Part 2 - DESCRIPTION OF THE SITE continued

F. Description of Release(s) at the Site.

Source of Release(s).

What are the source(s) of the release(s) at the Site? Please check all that apply.

- ☒ Point source (e.g., leaking tank)
- ☐ Non-point source (e.g., contaminated soil used as fill)
- ☐ Area-wide lead and arsenic soil contamination (see questions below)
- ☐ Other – please specify: _____
- ☐ Unknown

To the extent known, please describe the source(s) of the release(s):

Leaking USTs

Attach additional pages if necessary.

Circumstances of Release(s). To the extent known, please describe below the circumstances of the release(s).

Cause of leaking USTs is unknown

Attach additional pages if necessary.

Circumstances of Release Discovery. To the extent known, please describe below the circumstances of the discovery of the release(s).

Unknown, first date of groundwater sampling is September 9, 1992.

Attach additional pages if necessary.

Part 2 - DESCRIPTION OF THE SITE continued

Area-Wide Soil Contamination. For information about the area-wide soil contamination project, please refer to the following web site: www.ecy.wa.gov/programs/tcp/area_wide/area_wide_hp.html. For information about the Tacoma Smelter Plume (TSP) and the associated Management Plan, please refer to the following web site: www.ecy.wa.gov/programs/tcp/sites/tacoma_smelter/ts_hp.htm.

Is the Site located within an area affected by smelter emissions, such as the TSP area?

☒ Yes ☐ No ☐ Unknown

To determine whether your Site is located within the TSP area, please refer to the map on the TSP web site identified above.

Is the Site located on a former apple or pear orchard in operation prior to 1947?

☐ Yes ☐ No ☒ Unknown

Is the Site impacted by area-wide arsenic and/or lead soil contamination?

☐ Yes ☒ No ☐ Unknown

G. Nature and Extent of Hazardous Substances Released at the Site. The following questions refer to conditions after the release, but prior to any cleanup, of the hazardous substances at the Site.

Hazardous Substances and Affected Media. To the extent known, please identify in the following table the hazardous substances released at the Site and the media (e.g., soil) impacted by those substances. Use the codes at the bottom of the table.

Hazardous Substance	Affected Media				
	Soil	Ground Water	Surface Water	Sediment	Air
EXAMPLE: Benzene	C	S	N/A	N/A	B
TPHg	C	C	N/A	N/A	U
TPHd	C	C	N/A	N/A	U
TPHo	C	C	N/A	N/A	U
Benzene	C	C	N/A	N/A	U
Toluene	C	C	N/A	N/A	B
Ethylbenzene	C	C	N/A	N/A	U
Total Xylenes	C	C	N/A	N/A	B
Total Lead	B	C	N/A	N/A	U
Dissolved Lead	N/A	C	N/A	N/A	U

When identifying the affected media in the table above, please use one of the following codes:

- C = confirmed, above cleanup level
- B = confirmed, below cleanup level
- O = confirmed, not present
- S = suspected
- N/A = not suspected
- U = unknown

Part 2 - DESCRIPTION OF THE SITE continued

Drinking Water.

Does any of the contamination at the Site pose a threat or potential threat to an existing drinking water source (ground water or surface water)?

☐ Yes ☒ No ☐ Unknown

If you answered "YES" above, what type of drinking water system is threatened by the contamination? Please check all that apply.

☐ Single Family
☐ Public Drinking Water Supply

If you checked "Public Drinking Water Supply" above, is the contamination located within or upstream of a 10-year wellhead protection area?

☐ Yes ☐ No ☐ Unknown

To help answer the above question or if you answered "Yes" to that question, then go to https://fortress.wa.gov/doh/eh/dw/swap/maps/ or call (800) 521-0323.

Indoor Air.

Are contaminant odors present in any buildings, manholes, or other confined spaces?

☐ Yes ☒ No ☐ Unknown

If you answered "YES" above, please specify:

Attach additional pages if necessary.

H. Maps of the Site.

Please attach to this application map(s) that identify, to the extent known, the following:

- ❑ The location of the site.
- ❑ The properties, and any public right-of ways, affected by the site.
- ❑ The source(s) of the release(s) at the site.
- ❑ The nature and extent of contamination at the site.
- ❑ Any human or ecological receptors impacted by the site (e.g., drinking water wells).
- ❑ The physical characteristics of the site (e.g., property lines, building and road outlines, surface water bodies, water supply wells, ground water flow direction, and utility right-of-ways).
- ❑ The properties adjacent to the site and the uses of those properties (e.g., gas station, dry cleaner, residential).

Part 3 – OPERATIONAL HISTORY OF THE SITE

A. Current Use of Source Property. *Note that the following questions refer only to the Source Property, not other properties affected by the Site. Answer these questions to the best of your ability.*

Current Property Owners. To the extent known, please identify below the current owner of the source property.

Name: Paul N. Joos	Title:	
Organization: 2200 Boston LLC		
Mailing address: 4057 Williams Avenue North		
City: Renton	State: WA	Zip code: 98056
Phone: 425 255 4250		

Current Business Owner (Operator). To the extent known, please identify below the current owner of the business located on the source property.

Name: Paul N. Joos	Title:	
Organization: 2200 Boston LLC		
Mailing address: 4057 Williams Avenue		
City: Renton	State: WA	Zip code: 98056
Phone: 425 255 4250		

Current Business Operations. To the extent known, please identify below the current operations of the business located on the source property.

What is the current land use of the source property? Please check all that apply.

- ☐ Residential
- ☐ Commercial
- ☐ Industrial
- ☐ Agricultural
- ☐ School
- ☐ Childcare facility
- ☐ Park
- ☒ Other – please specify: Vacant Lot

Is there a currently operational commercial or industrial business located on the source property?

☐ Yes ☒ No ☐ Unknown

If you answered "YES" above, please identify in the following table the current business operations using the North American Industry Classification System (NAICS) codes and specifying the operations.

NAICS Code	Description of Operations
EX: 447110	Gasoline Stations with Convenience Stores
531190	Vacant Lot rental or Leasing

Part 3 – OPERATIONAL HISTORY OF THE SITE continued

Is there a solid waste handling facility located on the Source Property?

☐ Yes ☒ No ☐ Unknown

If you answered "YES" above, please identify:

Attach additional pages if necessary.

Is there a dangerous waste treatment, storage, or disposal facility located on the Source Property?

☐ Yes ☒ No ☐ Unknown

If you answered "YES" above, please identify:

Attach additional pages if necessary.

Regulation of Current Business Operations.

Does the business operate under any federal, state, or local permits related to the release of hazardous substances into the environment (e.g., NPDES permit)?

☐ Yes ☒ No ☐ Unknown

If you answered "YES" above, please specify the regulated operation, the name of the permit, and the date it was issued in the table below.

REGULATED OPERATION	PERMIT	DATE ISSUED
EX: Wastewater discharge	NPDES permit	02/02/02

Has a state or federal notice of enforcement action (e.g., notice of violation) ever been issued related to the release of hazardous substances at the business?

☐ Yes ☐ No ☒ Unknown

If you answered "yes" above, please specify (notice and year issued): _____

Have business operations resulted in any other spills or other unpermitted releases on the source property?

☐ Yes ☐ No ☒ Unknown

If you answered "YES" above, please specify in the table below.

RELEASE	DATE OF RELEASE	STATUS OF RELEASE

Part 3 – OPERATIONAL HISTORY OF THE SITE continued

Storage Tank Information. In table below, please identify all above ground storage tanks (AST) and underground storage tanks (UST) that have been used for storing hazardous substances on the source property, irrespective of whether the tanks are still in use or in place. *If you are unable to provide answers to specific questions regarding a tank, please enter "U" for unknown.*

IDENTIFICATION				STATUS AND CLOSURE				RELEASES	
Hazardous Substance	Type (AST/UST)	Size (Gallons)	TANK ID	DATE INSTALL	IN USE (Y/N)	DATE CLOSED	CLOSURE METHOD (*)	PAST (Y/N)	CURRENT (Y/N)
EX: Diesel	UST	10,000	4	02/87	N	05/98	Removed	Y	N
U	UST	2,000	U	U	N	U	Removed	Y	N
U	UST	3,000	U	U	N	U	Removed	Y	N
U	UST	5,000	U	U	N	U	Removed	Y	N
U	UST	8,000	U	U	N	U	Removed	Y	N
U	UST	750 (X3)	U	U	N	05/07	Removed	U	N

(*) Options = Removed or Closed in Place

B. Past Use of Source Property. *Note that the following questions refer only to the Source Property, not other properties affected by the Site. Please answer these questions to the best of your ability.*

Past Property Owners. To the extent known, please identify below the owner of the source property at the time the release occurred.

Name: Gilmore Oil Company	Title:	
Organization: Gilmore Oil Company		
Mailing address: 2200 24th Avenue East		
City: Seattle	State: WA	Zip code: 98112
Phone: Unknown	Fax: Unknown	E-mail: Unknown

Past Business Owners (Operators). To the extent known, please identify below the owner of the business (operator) at the time the release occurred.

Name: Lee Hanley	Title: Project Manager	
Organization: ExxonMobil Environmental Services		
Mailing address: 1464 Madera Road, Suite N, #265		
City: Simi Valley	State: CA	Zip code: 93065
Phone: 805 527 4860	Fax: 805 527 4864	E-mail: lee.w.hanley@exxonmobil.com

Identification of Past Business Operations. Please identify in the following table the past operations of businesses located on the source property using the North American Industry Classification System (NAICS) codes and/or specifying the operations.

NAICS CODE	DESCRIPTION OF OPERATIONS
EX: 447110	Gasoline Stations with Convenience Stores
531190	Vacant Lot Rental or Leasing
621111	Offices of Physicians
447110	Gasoline Station

Part 3 – OPERATIONAL HISTORY OF THE SITE continued

C. Future Use of Source and Affected Properties. The following questions refer to both source and affected properties. Please answer these questions to the best of your ability.

Will any ownership interest in the source or affected properties be conveyed prior to, or upon completion of, the cleanup?

☒ Yes ☒ No ☐ Unknown

If you answered "YES" above, please specify:

A transition of the current vacant lot to residential housing with retail space below will occur.

Attach additional pages if necessary.

Will any of the source or affected properties, or portions of those properties, be redeveloped as part of the cleanup?

☒ Yes ☐ No ☐ Unknown

If you answered "YES" above, please specify the proposed land use below. Please check all that apply.

☒ Residential ☐ School
☒ Commercial ☐ Childcare facility
☐ Industrial ☐ Park
☐ Agricultural
☐ Other – please specify:

Please also specify the activities proposed for that land use:

The land will undergo a transition from a vacant lot to residential housing with retail space below.

Attach additional pages if necessary.

Part 4 – ADMINISTRATIVE HISTORY OF THE SITE

Have you previously reported the release(s) of hazardous substances at the Site to Ecology?

☒ Yes – If so, when? 1996 ☐ No ☐ Unknown

Has the cleanup of the Site, or any portion of the Site, ever been managed under the VCP?

☒ Yes – If so, please specify the VCP Project Number: NW1857
☐ No
☐ Unknown

Has the cleanup of the Site, or any portion of the Site, ever been managed under a federal or state order or decree?

☐ Yes – If so, please specify the type and docket number: _____
☒ No
☐ Unknown

Part 5 – DESCRIPTION OF INDEPENDENT REMEDIAL ACTIONS AT THE SITE

A. Scope of Remedial Actions.

Do you plan to characterize and address all of the contamination at the Site, including any contamination located on affected adjacent properties, as part of the VCP project?

☐ Yes ☒ No ☐ Unknown

If you answered "NO" above, please describe below the scope of the VCP project, including the contamination (properties, portions of a property, media and/or hazardous substances) that you DO NOT plan on characterizing and/or addressing as part of the VCP project. Please include additional pages if necessary.

Currently only the property at 2200 24th Avenue East, Seattle, is being characterized. The Mason Apartments to the north and the adjacent alleyway are not being characterized. A property specific NFA is desired for this stage of remedial activities.

Attach additional pages if necessary.

Part 5 – DESCRIPTION OF INDEPENDENT REMEDIAL ACTIONS AT THE SITE continued

B. Status of Remedial Actions.

What is the current status of remedial actions at the site? Please check all that apply in the table below.

REMEDIAL ACTION	PLANNED	ONGOING	COMPLETED	NOT APPLICABLE
INITIAL RESPONSE (UST ONLY)			X	
INTERIM ACTION			X	
REMEDIAL INVESTIGATION		X		
FEASIBILITY STUDY			X	
CLEANUP ACTION	X	X		

C. Documentation of Remedial Actions.

Please list in the table below all known remedial action plans or reports produced for the site, including:

- The title of the plan or report,
- The author (e.g. consulting firm) of the plan or report,
- The date the plan or report was produced,
- Whether the plan or report has been submitted to Ecology,
- The date the plan or report was submitted to Ecology.

	TITLE	AUTHOR	DATE	SUBMITTED TO ECOLOGY	
				Y/N?	DATE
Ex:	John Doe's Site: Remedial Investigation Work Plan	Mom's Consulting Firm	02/20/05	NO	N/A
1.	See Attachment 1 Worksheet				
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

VCP Application Attachment 1
DOCUMENTATION OF REMEDIAL ACTIONS
Former Mobil Station 99MPB
2200 24th Avenue East
Seattle, Washington

Title	Author	Date	Submitted To Ecology	
			Y/N?	Date
Phase II Soil Investigation	SEACOR	4/3/1991	U	
Subsurface Exploration	Kleinfelder	11/2/1992	U	
Additional Subsurface Exploration	Kleinfelder	7/8/1993	U	
Trench Ventilation/Air-Sparging Testing	Kleinfelder	10/13/1995	U	
Installation of Monitor Well MW08	Kleinfelder	10/2/1996	U	
In-Well Air Stripper Pilot Test	Kleinfelder	4/25/2001	U	
Remedial Action Plan	ERI	11/14/2002	Y	11/14/2002
Groundwater Monitoring and Well Installation Report 2nd Quarter	ERI	7/31/2003	Y	8/5/2003
Air Sparge and Dual Phase Extraction Well Installation	ERI	9/23/2003	N	
Corrective Action Plan	ERI	2/26/2004	N	
Vapor Monitoring Point Installation Report	ERI	3/27/2006	N	
Soil Assesment and Underground Storage Tank Removal Report	ERI	8/1/2007	Y	8/1/2007
Additional Soil Assesment report	ERI	10/10/2007	Y	10/10/2007
Voluntary Cleanup Program Application	ERI	10/15/2007	Y	10/15/2007
Supplemental Soil Assesment Report	ERI	12/28/2007	Y	12/28/2007
Remediation Well Installation and Groundwater Monitoring Report 2nd Quarter 2010	ERI	9/8/2010	Y	9/8/2010
Air Sparge - Soil Vapor Extraction Feasibility Test Technical Memo	ERI	9/8/2010	Y	9/8/2010
Off-Site Soil and Groundwater Assessment Report	Cardno ERI	7/27/2012	Y	7/27/2012
Groundwater Monitoring Report Second Quarter 2013	Cardno ERI	5/31/2013	Y	5/31/2013

Part 6 – STATEMENT AND SIGNATURE

A. Statement and Signature. The undersigned affirms that the information contained in this application is true and accurate to the best of his or her knowledge. Please note that someone other than the Customer may sign this Application Form.

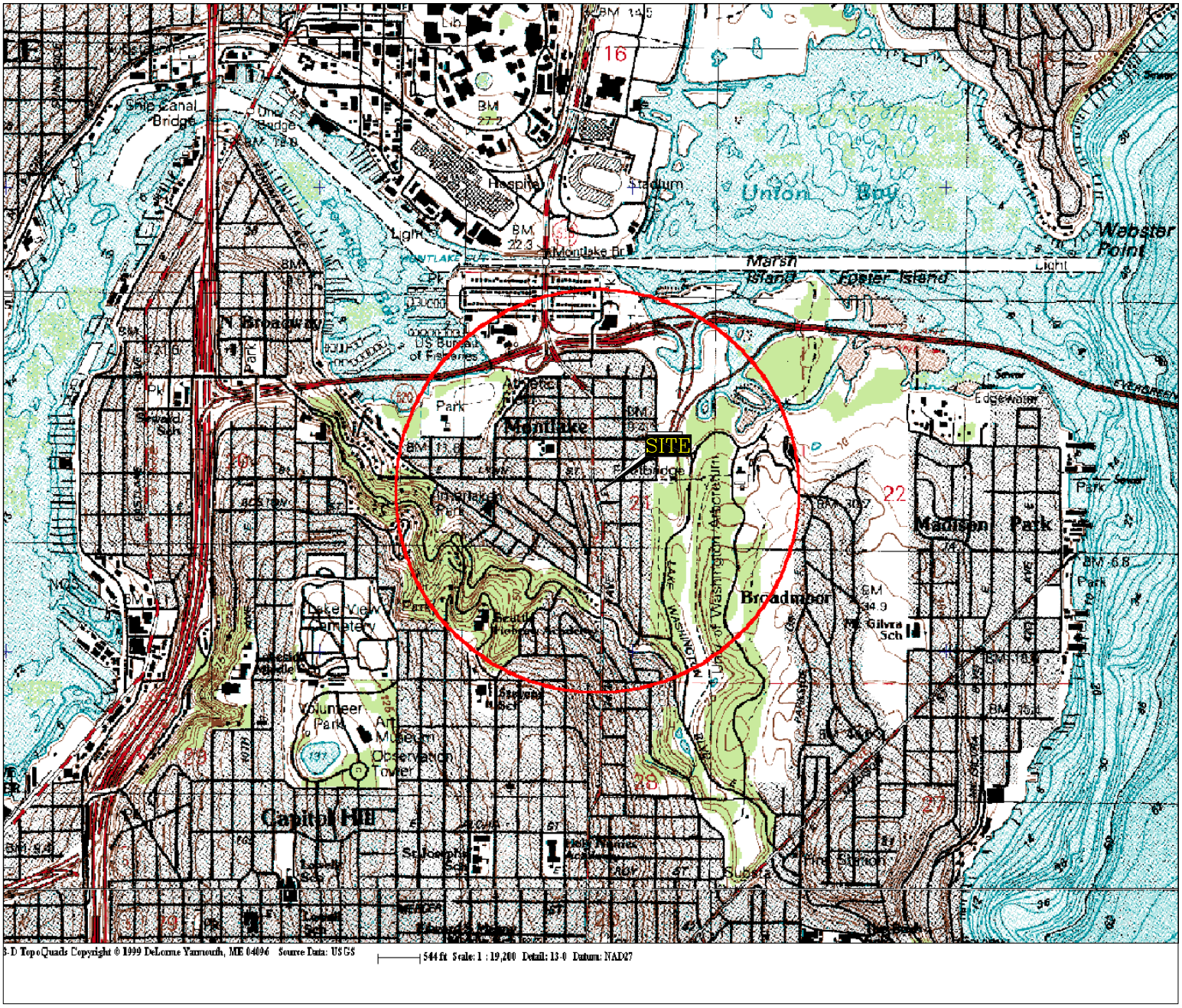
Name: Justin Foslien	Title: Project Manager	
Signature: 		Date: 12/2/13
Organization: Cardno ERI		
Mailing address: 801 Second Avenue, Suite 700		
City: Seattle	State: WA	Zip code: 98104
Phone: 206 394 7230	Fax: 206 269 0098	E-mail: justin.foslien@cardno.com

B. Affiliation.

What is the signatory's involvement at the Site? Please check all that apply.

- ☐ Customer
- ☐ Property Owner
- ☒ Consultant
- ☐ Attorney
- ☐ Other – please specify: _____

If you need this publication in an alternate format, please call the Toxics Cleanup Program at 360-407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.



FN 0311630001

EXPLANATION

1/2-mile radius circle

APPROXIMATE SCALE

N

0 0.5 1 mile

SOURCE:
Modified from a map
provided by
DeLorme 3-D TopoQuads

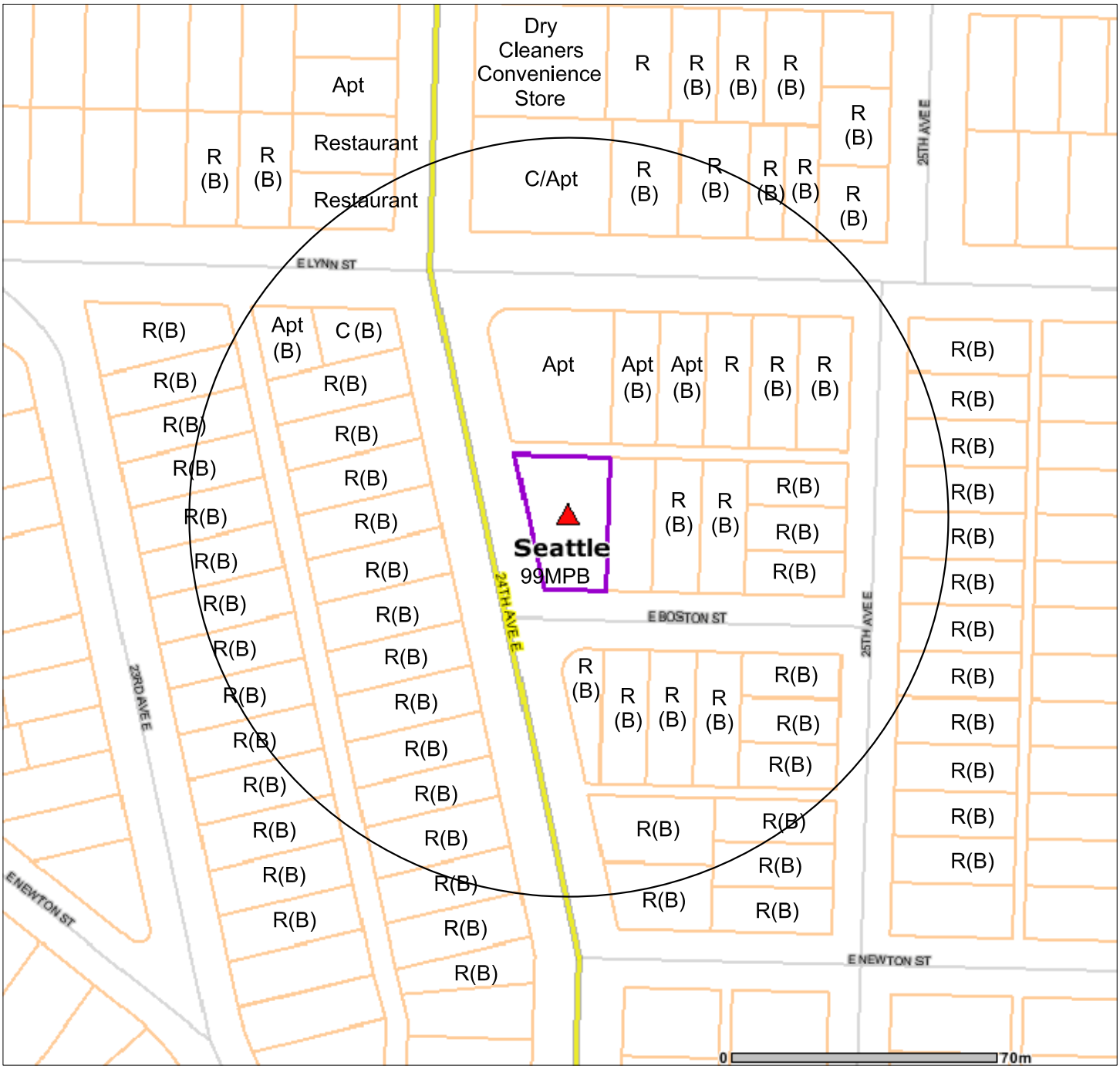
Cardno ERI
Shaping the Future

SITE LOCATION MAP

FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

PROJECT NO.
031163

PLATE
A
RRT: 05/20/13



FN 0311630001

EXPLANATION

◯	100 Meter radius circle
R	Single Family Residence
(B)	Basement
Apt	Apartment or Multi-Unit Residence
C	Commercial Buildings

N

SOURCE:
Modified from a map provided by King County GIS Center

Cardno ERI
Shaping the Future

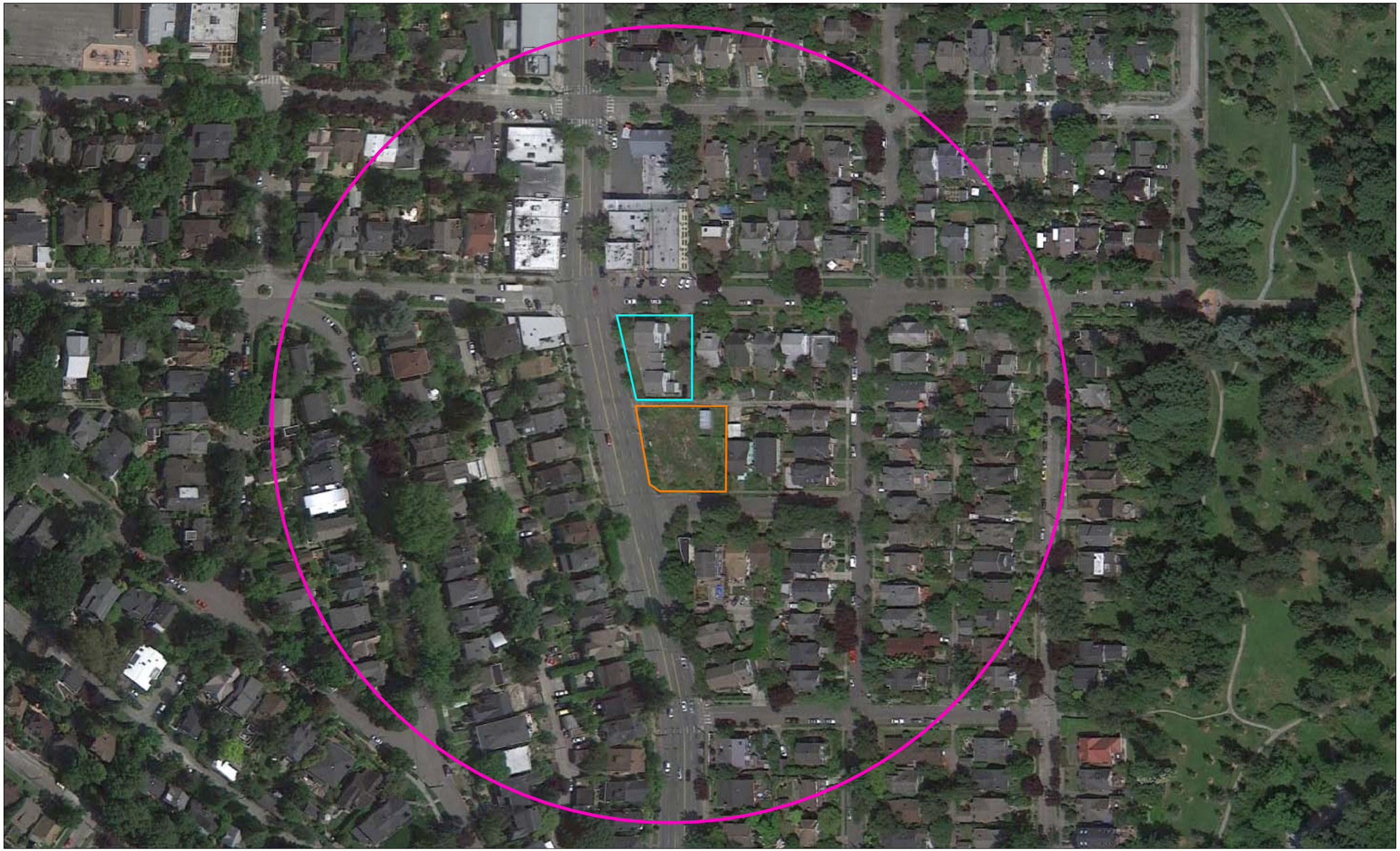
LOCAL AREA MAP

FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

PROJECT NO. 031163

PLATE B

RRT: 05/20/13



N

FN 0311630002

Cardno ERI
Shaping the Future

SITE AERIAL MAP

FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

500' Radius of Site

Site Boundaries

Mason Apartments

PROJECT NO.
031163

PLATE
C

RRT: 05/20/13

APPENDIX B
TERRESTRIAL ECOLOGICAL EVALUATION

Cardno
Shaping the Future

DEPARTMENT OF ECOLOGY
State of Washington

Voluntary Cleanup Program

Washington State Department of Ecology
Toxics Cleanup Program

TERRESTRIAL ECOLOGICAL EVALUATION FORM

Under the Model Toxics Control Act (MTCA), a terrestrial ecological evaluation is necessary if hazardous substances are released into the soils at a Site. In the event of such a release, you must take one of the following three actions as part of your investigation and cleanup of the Site:

1. Document an exclusion from further evaluation using the criteria in WAC 173-340-7491.
2. Conduct a simplified evaluation as set forth in WAC 173-340-7492.
3. Conduct a site-specific evaluation as set forth in WAC 173-340-7493.

When requesting a written opinion under the Voluntary Cleanup Program (VCP), you must complete this form and submit it to the Department of Ecology (Ecology). The form documents the type and results of your evaluation.

Completion of this form is not sufficient to document your evaluation. You still need to document your analysis and the basis for your conclusion in your cleanup plan or report.

If you have questions about how to conduct a terrestrial ecological evaluation, please contact the Ecology site manager assigned to your Site. For additional guidance, please refer to www.ecy.wa.gov/programs/tcp/policies/terrestrial/TEEHome.htm.

Step 1: IDENTIFY HAZARDOUS WASTE SITE

Please identify below the hazardous waste site for which you are documenting an evaluation.	
Facility/Site Name: Former Mobil Station 99MPB	
Facility/Site Address: 2200 24th Avenue East, Seattle, WA 98112	
Facility/Site No: 99MPB	VCP Project No.: NW1857

Step 2: IDENTIFY EVALUATOR

Please identify below the person who conducted the evaluation and their contact information.		
Name: Robert Thompson		Title: Staff Scientist
Organization: Cardno ERI		
Mailing address: 801 Second Avenue, Suite 700		
City: Seattle	State: WA	Zip code: 98104
Phone: 206 575 9504	Fax: 206 269 0098	E-mail: robert.thompson@cardno.com

Step 3: DOCUMENT EVALUATION TYPE AND RESULTS

A. Exclusion from further evaluation.

1. Does the Site qualify for an exclusion from further evaluation?

☒ Yes *If you answered **"YES,"** then answer **Question 2**.*

☐ No or Unknown *If you answered **"NO" or "UKNOWN,"** then skip to **Step 3B** of this form.*

2. What is the basis for the exclusion? *Check all that apply. Then skip to **Step 4** of this form.*

Point of Compliance: WAC 173-340-7491(1)(a)

☐ All soil contamination is, or will be,* at least 15 feet below the surface.

☐ All soil contamination is, or will be,* at least 6 feet below the surface (or alternative depth if approved by Ecology), and institutional controls are used to manage remaining contamination.

Barriers to Exposure: WAC 173-340-7491(1)(b)

☐ All contaminated soil, is or will be,* covered by physical barriers (such as buildings or paved roads) that prevent exposure to plants and wildlife, and institutional controls are used to manage remaining contamination.

Undeveloped Land: WAC 173-340-7491(1)(c)

☐ There is less than 0.25 acres of contiguous[#] undeveloped[±] land on or within 500 feet of any area of the Site and any of the following chemicals is present: chlorinated dioxins or furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, heptachlor epoxide, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, or pentachlorobenzene.

☒ For sites not containing any of the chemicals mentioned above, there is less than 1.5 acres of contiguous[#] undeveloped[±] land on or within 500 feet of any area of the Site.

Background Concentrations: WAC 173-340-7491(1)(d)

☐ Concentrations of hazardous substances in soil do not exceed natural background levels as described in WAC 173-340-200 and 173-340-709.

* An exclusion based on future land use must have a completion date for future development that is acceptable to Ecology.

[±] "Undeveloped land" is land that is not covered by building, roads, paved areas, or other barriers that would prevent wildlife from feeding on plants, earthworms, insects, or other food in or on the soil.

[#] "Contiguous" undeveloped land is an area of undeveloped land that is not divided into smaller areas of highways, extensive paving, or similar structures that are likely to reduce the potential use of the overall area by wildlife.

B. Simplified evaluation.

1. Does the Site qualify for a simplified evaluation?

☐ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☐ No or Unknown *If you answered **"NO"** or **"UNKNOWN,"** then skip to **Step 3C** of this form.*

2. Did you conduct a simplified evaluation?

☐ Yes *If you answered **"YES,"** then answer **Question 3** below.*

☐ No *If you answered **"NO,"** then skip to **Step 3C** of this form.*

3. Was further evaluation necessary?

☐ Yes *If you answered **"YES,"** then answer **Question 4** below.*

☐ No *If you answered **"NO,"** then answer **Question 5** below.*

4. If further evaluation was necessary, what did you do?

☐ Used the concentrations listed in Table 749-2 as cleanup levels. *If so, then skip to **Step 4** of this form.*

☐ Conducted a site-specific evaluation. *If so, then skip to **Step 3C** of this form.*

5. If no further evaluation was necessary, what was the reason? *Check all that apply. Then skip to **Step 4** of this form.*

Exposure Analysis: WAC 173-340-7492(2)(a)

☐ Area of soil contamination at the Site is not more than 350 square feet.

☐ Current or planned land use makes wildlife exposure unlikely. Used Table 749-1.

Pathway Analysis: WAC 173-340-7492(2)(b)

☐ No potential exposure pathways from soil contamination to ecological receptors.

Contaminant Analysis: WAC 173-340-7492(2)(c)

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations that exceed the values listed in Table 749-2.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations that exceed the values listed in Table 749-2, and institutional controls are used to manage remaining contamination.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays, and institutional controls are used to manage remaining contamination.

C. Site-specific evaluation. A site-specific evaluation process consists of two parts: (1) formulating the problem, and (2) selecting the methods for addressing the identified problem. Both steps require consultation with and approval by Ecology. *See* WAC 173-340-7493(1)(c).

1. Was there a problem? *See* WAC 173-340-7493(2).

☐ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☐ No *If you answered **"NO,"** then identify the reason here and then skip to **Question 5** below:*

- ☐ No issues were identified during the problem formulation step.
- ☐ While issues were identified, those issues were addressed by the cleanup actions for protecting human health.

2. What did you do to resolve the problem? *See* WAC 173-340-7493(3).

☐ Used the concentrations listed in Table 749-3 as cleanup levels. *If so, then skip to **Question 5** below.*

☐ Used one or more of the methods listed in WAC 173-340-7493(3) to evaluate and address the identified problem. *If so, then answer **Questions 3 and 4** below.*

3. If you conducted further site-specific evaluations, what methods did you use? *Check all that apply. See* WAC 173-340-7493(3).

- ☐ Literature surveys.
- ☐ Soil bioassays.
- ☐ Wildlife exposure model.
- ☐ Biomarkers.
- ☐ Site-specific field studies.
- ☐ Weight of evidence.
- ☐ Other methods approved by Ecology. If so, please specify:

4. What was the result of those evaluations?

- ☐ Confirmed there was no problem.
- ☐ Confirmed there was a problem and established site-specific cleanup levels.

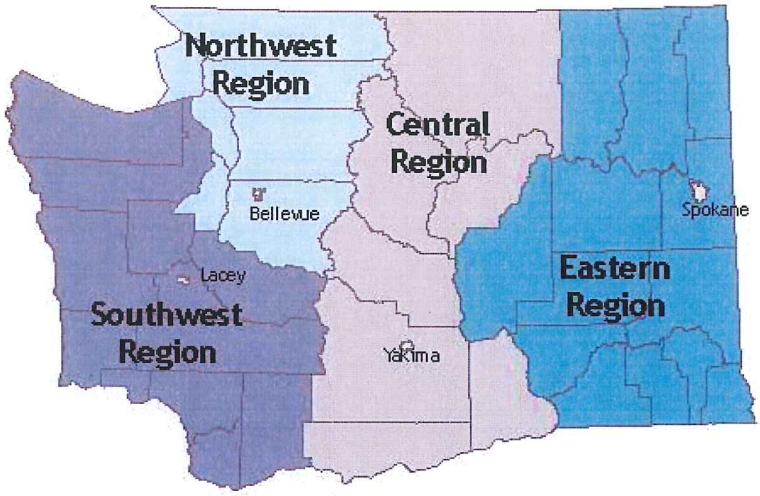
5. Have you already obtained Ecology's approval of both your problem formulation and problem resolution steps?

☐ Yes If so, please identify the Ecology staff who approved those steps:

☐ No

Step 4: SUBMITTAL

Please mail your completed form to the Ecology site manager assigned to your Site. If a site manager has not yet been assigned, please mail your completed form to the Ecology regional office for the County in which your Site is located.



Northwest Region: Attn: VCP Coordinator 3190 160th Ave. SE Bellevue, WA 98008-5452	**Central Region:** Attn: VCP Coordinator 15 W. Yakima Ave., Suite 200 Yakima, WA 98902
Southwest Region: Attn: VCP Coordinator P.O. Box 47775 Olympia, WA 98504-7775	**Eastern Region:** Attn: VCP Coordinator N. 4601 Monroe Spokane WA 99205-1295

If you need this publication in an alternate format, please call the Toxics Cleanup Program at 360-407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

APPENDIX C
VOLUNTARY CLEANUP PROGRAM AGREEMENT

Cardno
Shaping the Future

VCP AGREEMENT

DEPARTMENT OF ECOLOGY
State of Washington

INSTRUCTIONS: Submit this Agreement (original) to Ecology as part of your Application. Before submitting, enter the Customer's name and the Site's address on the first page and sign the Agreement on the second page. If your Application is accepted, then Ecology will do the following: 1) identify the Site and VCP project in the box below; 2) sign the Agreement; and 3) send you a copy of the completed Agreement.

This document constitutes an Agreement between the State of Washington Department of Ecology (Ecology) and ExxonMobil Environmental Services (Customer) to provide informal site-specific technical consultations under the Voluntary Cleanup Program (VCP) for the Site identified below and associated with the following address: 2200 24th Avenue East Seattle Washington 98112 .

The purpose of this Agreement is to facilitate independent remedial action at the Site. Ecology is entering into this Agreement under the authority of the Model Toxics Control Act (MTCA), Chapter 70.105D RCW, and its implementing regulations, Chapter 173-340 WAC. If a term in this Agreement is defined in MTCA or Chapter 173-340 WAC, then that definition shall govern.

Services Provided by Ecology

Upon request, Ecology agrees to provide the Customer informal site-specific technical consultations on the independent remedial actions proposed for or performed at the Site consistent with WAC 173-340-515(5). Those consultations may include assistance in identifying applicable regulatory requirements and opinions on whether the remedial actions proposed for or conducted at the Site meet those requirements.

Ecology may use any appropriate resource to provide the Customer with the requested consultative services. Those resources may include, but shall not be limited to, those of Ecology and the Office of the Attorney General. However, Ecology shall not use independent contractors unless the Customer provides Ecology with prior written authorization.

In accordance with RCW 70.105D.030(1)(i), any opinions provided by Ecology under this Agreement are advisory only and not binding on Ecology. Ecology, the state, and officers and employees of the state are immune from all liability. Furthermore, no cause of action of any nature may arise from any act or omission in providing, or failing to provide, informal advice and assistance under the VCP.

Payment for Services by Customer

The Customer agrees to pay all costs incurred by Ecology in providing the informal site-specific technical consultations requested by the Customer consistent with WAC 173-340-515(6) and 173-340-550(6). Those costs may include the costs incurred by attorneys or independent contractors used by Ecology to provide the requested consultative services. Ecology's hourly costs shall be determined based on the method in WAC 173-340-550(2).

Ecology shall mail the Customer a monthly itemized statement of costs (invoice) by the tenth day of each month (invoice date) that there is a balance on the account. The invoice shall include a summary of the costs incurred, payments received, identity of staff involved, and amount of time staff spent on the project.

The Customer shall pay the required amount by the due date, which shall be thirty (30) calendar days after the invoice date. If payment has not been received by the due date, then Ecology shall withhold

FOR COMPLETION BY ECOLOGY ONLY	**Facility / Site Name:**
	Facility / Site No.:
	VCP Project No.:

any requested opinions and notify the Customer by certified mail that the debt is past due. If payment has not been received within sixty (60) calendar days of the invoice date, then Ecology shall stop all work under the Agreement and may, as appropriate, assign the debt to a collection agency under Chapter 19.16 RCW. The Customer agrees to pay the collection agency fee incurred by Ecology in the course of debt collection.

Reservation of Rights / No Settlement

This Agreement does not constitute a settlement of liability to the state under MTCA. This Agreement also does not protect a liable person from contribution claims by third parties for matters addressed by the Agreement. The state does not have the authority to settle with any person potentially liable under MTCA except in accordance with RCW 70.105D.040(4). Ecology's signature on this Agreement in no way constitutes a covenant not to sue or a compromise of any Ecology rights or authority.

Ecology reserves all rights under MTCA, including the right to require additional or different remedial actions at the Site should it deem such actions necessary to protect human health and the environment, and to issue orders requiring such remedial actions. Ecology also reserves all rights regarding the injury to, destruction of, or loss of natural resources resulting from the release or threatened release of hazardous substances at the Site.

Effective Date, Modifications, and Severability

The effective date of this Agreement shall be the date on which this Agreement is signed by the Toxics Cleanup Program's Section Manager or delegated representative. This Agreement may be amended by mutual agreement of Ecology and the Customer. Amendments shall be in writing and shall be effective when signed by the Toxics Cleanup Program's Section Manager or delegated representative. If any provision of this Agreement proves to be void, it shall in no way invalidate any other provision of this Agreement.

Termination of Agreement

Either party may terminate this Agreement without cause by sending written notice by U.S. mail to the other party. The effective date of termination shall be the date Ecology sends notice to the Customer or the date Ecology receives notice from the Customer, whichever occurs first. Unless otherwise directed, issuance of a No Further Action opinion, either for the Site as a whole or for a portion of the real property located within the Site, shall constitute notice of termination by Ecology.

Under this Agreement, the Customer is only responsible for costs incurred by Ecology before the effective date of termination. However, termination of this Agreement shall not affect any right Ecology may have to recover its costs under MTCA or any other provision of law.

Representations and Signatures

The undersigned representative of the Customer hereby certifies that he or she is fully authorized to enter into this Agreement and to execute and legally bind the Customer to comply with the Agreement.

STATE OF WASHINGTON DEPARTMENT OF ECOLOGY	ExxonMobil Environmental Services *Name of Customer*
_____ *Signature*	_____ *Signature*
_____ *Printed Name*	Lee Hanley *Printed Name of Signatory*
Section Manager, _____ Toxics Cleanup Program *Section*	Project Manager *Title of Signatory*
Date: _____	Date: 12-2-13

If you need this document in an alternative format, please call the Toxics Cleanup Program at 360-407-7170. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

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

November 14, 2019

Marla Madden
ExxonMobil Environmental Services Company
8941 Atlanta Avenue #384
Huntington Beach, CA 92646

Re: No Further Action at a Property associated with a Site:

- **Name:** Mobil Station 99MPB
- **Address:** 2200 24th Avenue E, Seattle, WA 98112
- **Facility/Site No.:** 24792884
- **VCP No.:** NW2812
- **Cleanup Site ID No.:** 5757

Dear Marla Madden:

The Washington State Department of Ecology (Ecology) received your request for an opinion on your independent cleanup of a Property associated with the **Mobil Station 99MPB** facility (Site). This letter provides our opinion. We are providing this opinion under the authority of the Model Toxics Control Act (MTCA), Chapter 70.105D RCW.

Please note that this opinion letter replaces a Property-specific No Further Action determination letter for this Site dated July 29, 2019.

Issues Presented and Opinion

1. Is further remedial action necessary at the Property to clean up contamination associated with the Site?

   NO. Ecology has determined that no further remedial action is necessary at the Property to clean up contamination associated with the Site.

   This opinion is dependent on the continued performance and effectiveness of the post-cleanup controls and monitoring specified below.

2. Is further remedial action still necessary elsewhere at the Site?

   YES. Ecology has determined that further remedial action is still necessary elsewhere at the Site.

This opinion is based on an analysis of whether the remedial action meets the substantive requirements of MTCA, Chapter 70.105D RCW, and its implementing regulations, Chapter 173-340 WAC (collectively "substantive requirements of MTCA"). The analysis is provided below.

Description of the Property and the Site

This opinion applies only to the Property and the Site described below. This opinion does not apply to any other sites that may affect the Property. Any such sites, if known, are identified separately below.

1. Description of the Property.

The Property includes the following two tax parcels in King County, which were affected by the Site and addressed by your cleanup:

- 8712100035
- 8712100040

Enclosure A includes legal descriptions of the Property. **Enclosure B** includes a diagram of the Site that illustrates the location of the Property within the Site.

2. Description of the Site.

The Site is defined by the nature and extent of contamination associated with the following releases:

- Total gasoline-range petroleum hydrocarbons (TPH-G), total diesel-range petroleum hydrocarbons (TPH-D), total oil-range petroleum hydrocarbons (TPH-O), and benzene, toluene, ethylbenzene, xylenes (BTEX) and lead into the Soil;

- TPH-G, TPH-D, TPH-O, BTEX, methyl tert-butyl ether (MTBE) and lead into the Ground Water.

Those releases have affected more than one parcel of real property, including the parcels identified above.

Enclosure B includes a detailed description and diagrams of the Site, as currently known to Ecology.

3. Identification of Other Sites that may affect the Property.

Please note that the Mason Apartments facility (Facility Site ID No. 7909; Cleanup Site ID No. 12517) is located adjacent to the north and hydraulically downgradient of the Site and most likely does not affect the Property. This opinion does not apply to any contamination associated with the Mason Apartments facility.

Basis for the Opinion

This opinion is based on the information contained in the documents listed in **Enclosure C**. Those documents are kept in the Central Files of the Northwest Regional Office of Ecology (NWRO) for review by appointment only. The reports listed above will be kept in the Central Files of the Northwest Regional Office of Ecology (NWRO) for review by appointment only.

You can make an appointment by completing a Request for Public Record form (https://www.ecology.wa.gov/About-us/Accountability-transparency/Public-records-requests) and emailing it to: publicrecordsofficer@ecy.wa.gov, or contacting the Public Records Officer at (360) 407-6040. A number of these documents are accessible in electronic format from the Site web page (https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=5757).

This opinion is void if any of the information contained in those documents is materially false or misleading.

Analysis of the Cleanup

1. Cleanup of the Property located within the Site.

Ecology has concluded that **no further remedial action** is necessary at the Property to clean up contamination associated with the Site. That conclusion is based on the following analysis:

a. Characterization of the Site.

Ecology has determined that your characterization of the Site is sufficient to establish cleanup standards for the Site and select a cleanup for the Property. The Site is described above and in **Enclosure B**.

Soil contamination on the Property was characterized with samples from 96 soil borings advanced between 1991 and 2016. The deepest concentrations of petroleum hydrocarbons in soil boring samples exceeding MTCA Method A cleanup levels occurred at 28.5 feet below the ground surface (bgs).

Ground water on the Property has been characterized using 20 monitoring wells installed between 1992 and 2016. Eight of the 20 wells (MW22 through MW29) are currently on the Property; the remainder were decommissioned in 2008. Light non-aqueous phase liquids (LNAPL) thicknesses up to 0.22 feet (MW6 in 2006) have been measured on the Property. LNAPL previously noted in ground water on the Property has not been observed since August 2008. As of 2018, measureable LNAPL is still present on the Site in monitoring well MW16 as well as in MW17 and MW18, to the north of the Property.

b. Establishment of cleanup standards for the Site.

Ecology has determined the cleanup levels and points of compliance you established for the Site **meet** the substantive requirements of MTCA.

Soil

Cleanup Levels:
A Terrestrial Ecological Evaluation (TEE) completed for the Site concluded that soil cleanup levels protective of terrestrial species are not required in accordance with an exclusion in WAC 173-340-7491(1)(c)(ii). There are less than 1.5 contiguous acres of undeveloped land on or within 500 feet of any part of the Site.

The Site does not meet the MTCA definition of an industrial property; therefore soil cleanup levels suitable for unrestricted land use are appropriate. Ground water at this Site has been impacted by the identified releases. Soil cleanup levels based on the leaching pathway (protection of ground water) and protection of direct contact are appropriate. MTCA Method A cleanup levels were selected for soil at the Site. Ecology concurs for these two exposure pathways.

Point of Compliance: The standard point of compliance for soil at the Site is throughout the Site.

Ground Water

Cleanup Levels: The highest beneficial use for ground water under MTCA is considered to be as a drinking water source, unless it can be demonstrated that the ground water is not potable. Cleanup levels protective of potable use are therefore the default. Either Method A or B cleanup levels can be used for this purpose. Method A cleanup levels for ground water were proposed. Ecology concurs for this exposure pathway.

Point of Compliance: The point of compliance for ground water is throughout the Site from the uppermost point of saturation to the lowest depth that could be potentially impacted.

Air

Cleanup Levels: Air cleanup levels are considered necessary to protect against vapor intrusion into the building constructed on the Property or existing buildings on adjacent properties.

Soil and ground water containing Site contaminants at concentrations exceeding MTCA Method A have been removed from the Property with the exception of benzene concentrations in soil detected in excavation bottom soil samples containing benzene that exceeded Method A at concentrations up to 0.54 milligrams per kilogram (mg/kg). The soil containing benzene exceedances is below 20 feet of controlled density fill (CDF). A horizontal vapor barrier was installed beneath the parking garage floor. The subsurface parking garage was designed to mitigate the effects of hydrocarbon vapors emitted by vehicles which are captured and ventilated out of the garage. It is expected any vapors from benzene left in place in soil in the excavation bottom would also be ventilated in this manner.

Soil on the north Property boundary contains TPH-G at concentrations up to 24,700 mg/kg at a depth of 11 feet bgs and benzene up to 0.59 mg/kg at a depth of 27 feet bgs. TPH-G and BTEX exceed Method A cleanup levels along the north Property line. No vertical vapor barrier was installed on the north wall of the parking garage. However, it is expected that mitigation measures installed in the parking garage described above will mitigate any vapors migrating in the subsurface toward the building due to the residual contamination. In addition, soil gas samples from five vapor monitoring points (VMP1 through VMP5 installed to depths of 5 to 6.5 feet below the ground surface (bgs) in the alley adjacent to the north Property line sampled in 2006 contained non-detectable levels of TPH-G and BTEX. This data suggested that elevated concentrations of TPH-G and benzene in soil at depth on north of the Property line are not present in soil gas.

Point of Compliance: The point of compliance for air is ambient air throughout the Site.

c. Selection of cleanup for the Property.

Ecology has determined the cleanup you selected for the Property **meets** the substantive requirements of MTCA. The cleanup meets the minimum cleanup

requirements and does not exacerbate conditions or preclude reasonable cleanup alternatives elsewhere at the Site.

The selected cleanup included the use of air sparging and dual phase extraction in 2006 and a mass remedial excavation in 2015.

d. Cleanup of the Property.

Ecology has determined the cleanup you performed **meets** the applicable Site cleanup standards within the Property.

In 2006, a combined AS/DPE system was installed to recover hydrocarbons from soil and ground water beneath the Property. The system operated from May 2006 to March 2007, extracted approximately 955 pounds of TPH-G from the Property.

A mass excavation conducted in early 2015 removed approximately 16,300 tons of soil containing petroleum hydrocarbons. Except for an easement in the northeast corner of Property which contains a King County electric substation rectifier, the remedial excavation extended lot-line to lot-line which was accomplished using soldier-pile shoring with tiebacks on the four excavation sidewalls. The excavation extended to a maximum depth of 30 feet below the ground surface (bgs) (elevation 40 feet above mean sea level (amsl)). The excavation could not be safely extended any deeper due to the estimated bearing capacity of the perimeter shoring.

Soil confirmation samples were collected at multiple depths in 182 locations in the bottom and sidewalls of the excavation. All soil samples were analyzed for petroleum hydrocarbons and BTEX. Selected soil samples were analyzed for polychlorinated biphenols, carcinogenic polyaromatic hydrocarbons and lead.

Soil containing TPH-G and benzene at concentrations exceeding Method A cleanup levels remains on the Property in two locations: 1) bottom soil samples at depths of approximately 31 feet bgs in the center of the excavation contained benzene at concentrations exceeding Method A; and 2) east sidewall samples west and southwest of the rectifier contained TPH-G at concentrations of 71 to 514 milligrams per kilogram (mg/kg) above Method A at depths of 10 feet bgs.

Characterization of soil beneath the rectifier was attempted with the collection of 12 soil samples in four rows obtained during drilling of tie-backs for securing the excavation shoring system. The tie-backs were drilled at an approximate 30 degree angle from the sidewall such that the depths of the soil samples under the

rectifier ranged from 17 to 22 feet bgs. Contamination in soil exceeding cleanup levels under the rectifier based on the depth of the contaminated excavation sidewall samples is likely shallower (approximately 10 feet bgs or less) and thus is also left in place. It is not possible to use an empirical demonstration for concluding that there is no soil contamination beneath the rectifier because the Site is paved so leaching is not possible or extremely limited. Also, the amount of contaminant mass above or below the water table beneath the rectifier is undefined.

Although shallow monitoring wells on the Property had encountered shallow perched ground water at depths of 2 to 17 feet bgs, no ground water was observable during excavation activities. No dewatering was needed except for removal of accumulated rainfall which totaled about 16 inches during the excavation duration. In addition to contaminated soil, the excavation removed the shallow perched water zone that contained dissolved and pure-phase petroleum hydrocarbons in samples collected from Property monitoring wells.

Following the excavation, a total of approximately 228,000 cubic feet of controlled density fill (CDF) was used to backfill the excavation to construction grade (i.e. the floor of the single level below ground parking garage). CDF is a self-compacting, cementitious material that is used in lieu of compacted backfill. CDF is a type of low-strength, low viscosity concrete mix used for non-structural purposes such as backfill or road bases.

The CDF used on the Property was manufactured by CalPortland. CalPortland was not able to provide information on the permeability of the CDF and was also unable to verify that the emplaced CDF does not transmit liquids. Specifications of the CDF used on the Property indicates it was mixed with an aggregate that is primarily sand.

The CDF extends from just below the parking garage floor to a maximum depth of approximately 30 feet bgs (elevation 40 feet amsl).

A tight-line drainage and water collection system was installed surrounding the foundation of the parking garage structure to prevent the potential infiltration of shallow ground water at the north end of the Site back onto the Property. All water collected in the tight-line system is conveyed to an oil-water separator beneath the parking garage floor and then discharged to a sanitary sewer. Water levels measured in MW-10 indicated that the drainage system is above the water table some of the time and ground water at those times is not intercepted.

In June 2015, monitoring well MW22 was drilled to the east of the rectifier and screened from 5 to 20 feet bgs to monitor shallow ground water in that area of the Site. Monitoring well MW23 was also installed at that time and screened from 20 to 30 feet bgs.

In January 2016, following the emplacement of the CDF, six additional monitoring wells (MW24 through MW29) were drilled and installed within the excavation extent using hollow stem auger methods. The wells were advanced through the cured CDF and into an underlying silt that contains discontinuous water-bearing, sandy seams. The wells were screened below the bottom of the CDF and in the silt at approximate depths of 25 to 30 feet bgs.

LNAPL is no longer detected in Site monitoring wells on the Property. Monitoring wells in which it was previously detected on the Property were found to no longer contain LNAPL prior to being decommissioned in 2007. However, LNAPL related to the Site extended onto the Mason Apartments adjacent property to the north (primarily N-NE gradient in perched ground water) in monitoring well MW16 up to 1.20 feet thick in 2015. The LNAPL thickness in MW-16 during the most recent sampling round in May 2018 was not measurable and described as a sheen. Also, due to the presence of the Mason Apartments building, it is unknown if the western portion of the Site LNAPL plume is co-mingled with a separate LNAPL plume detected on the adjoining property to the north that originated from a different source.

2. Cleanup of the Site as a whole.

Ecology has concluded that **further remedial action** under MTCA is still necessary elsewhere at the Site. In other words, while your cleanup constitutes the final action for the Property, it constitutes only an **"interim action"** for the Site as a whole.

Concentrations of TPH-G, BTEX, naphthalene and carcinogenic polyaromatic hydrocarbons were detected in soil (excavation sidewall) samples along the north and west Property lines at concentrations exceeding MTCA Method A cleanup levels. Because of these exceedances and yet undetected LNAPL that previously migrated off-Property, the Site extends to the north onto the Mason Apartments property. The Site also extends off-Property to the west into 24th Avenue East.

Post-Cleanup Controls and Monitoring

Post-cleanup controls and monitoring are remedial actions performed after the cleanup to maintain compliance with cleanup standards. This opinion is dependent on the continued

performance and effectiveness of the following:

1. Compliance with institutional controls.

Institutional controls prohibit or limit activities that may interfere with the integrity of engineered controls or result in exposure to hazardous substances. The following institutional control is necessary at the Property:

- **INSTITUTIONAL CONTROL #1.** The ground water beneath a portion of the Property in the vicinity of the north and southwest Property boundaries and near the rectifier may be contaminated and shall not be extracted for any purpose other than temporary construction dewatering, investigation, monitoring or remediation. Drilling of a well for any water supply purpose is strictly prohibited. Ground water extracted from the Property for any purpose shall be considered potentially contaminated and any discharge of this water shall be done in accordance with state and federal law.

To implement those controls, an Environmental Covenant has been recorded on the following parcels of real property in King County:

- 8712100035
- 8712100040

Ecology approved the recorded Covenant. A copy of the Environmental Covenant is included in **Enclosure D**.

2. Operation and maintenance of engineered controls.

Engineered controls prevent or limit movement of, or exposure to, hazardous substances. The following engineered control is necessary at the Property:

- **ENGINEERED CONTROL #1.** The subsurface parking garage was designed to mitigate the effects of hydrocarbon vapors emitted by vehicles which are captured and ventilated out of the garage. It is expected any vapors from petroleum hydrocarbons at the north Property lines and benzene left in place in soil in the remedial excavation bottom would also be ventilated in this manner. A horizontal vapor barrier was installed beneath the parking garage floor. No vertical vapor barrier was installed on the north wall of the parking garage. However, it is expected that vapor mitigation measures installed in the parking garage will mitigate any vapors migrating in the subsurface due to the residual contamination. Should the parking garage floor be opened for any reason, the integrity of the horizontal vapor barrier must be maintained in its original condition.

3. Performance of confirmational monitoring.

Confirmational monitoring is necessary at the Property to confirm the long-term effectiveness of the cleanup. The monitoring data will be used by Ecology during periodic reviews of post-cleanup conditions. Ecology has approved the monitoring plan you submitted. A copy of the plan is included as Exhibit E in the Environmental Covenant in **Enclosure D**.

4. Additional Information.

1) A letter in Enclosure E dated October 24, 2019 outlines King County's acknowledgement of and commitment to abide with the restrictions and notice provisions in the Environmental Covenant.

2) Pursuant to the requirements in the Environmental Covenant (Sec. 4 (Notice)), the Property owner shall notify Ecology of any new secured interests, including deeds of trusts or other mortgage instruments, placed on the Property following issuance of this opinion letter.

Periodic Review of Post-Cleanup Conditions

Ecology will conduct periodic reviews of post-cleanup conditions at the Property to ensure that they remain protective of human health and the environment. If Ecology determines, based on a periodic review, that further remedial action is necessary at the Property, then Ecology will withdraw this opinion.

Decommissioning of Site Resource Protection Wells

When resource protection wells associated with the Site are no longer to be used for their intended purposes, these wells must be decommissioned in accordance with WAC 173-160-460 (http://apps.leg.wa.gov/wac/default.aspx?cite=173-160-460). Per WAC 173-160-410 (http://apps.leg.wa.gov/wac/default.aspx?cite=173-160-410), resource protection wells include monitoring wells, observation wells, piezometers, spill response wells, remediation wells, environmental investigation wells, vapor extraction wells, ground source heat pump boring, grounding wells, and instrumentation wells.

Listing of the Site

Based on this opinion, Ecology will update the status of remedial action at the Site on our database of hazardous waste sites. However, because further remedial action is still necessary elsewhere at the Site, we will not remove the Site from our lists of hazardous waste sites.

Furthermore, the Property will remain listed as part of the Site because the cleanup of the Property does not change the boundaries of the Site.

Limitations of the Opinion

1. **Opinion does not settle liability with the state.**

   Liable persons are strictly liable, jointly and severally, for all remedial action costs and for all natural resource damages resulting from the release or releases of hazardous substances at the Site. This opinion **does not**:

   - Change the boundaries of the Site.
   - Resolve or alter a person's liability to the state.
   - Protect liable persons from contribution claims by third parties.

   To settle liability with the state and obtain protection from contribution claims, a person must enter into a consent decree with Ecology under RCW 70.105D.040(4).

2. **Opinion does not constitute a determination of substantial equivalence.**

   To recover remedial action costs from other liable persons under MTCA, one must demonstrate that the action is the substantial equivalent of an Ecology-conducted or Ecology-supervised action. This opinion does not determine whether the action you performed is substantially equivalent. Courts make that determination. *See* RCW 70.105D.080 and WAC 173-340-545.

3. **State is immune from liability.**

   The state, Ecology, and its officers and employees are immune from all liability, and no cause of action of any nature may arise from any act or omission in providing this opinion. *See* RCW 70.105D.030(1)(i).

Termination of Agreement

Thank you for cleaning up your Property under the Voluntary Cleanup Program (VCP). This opinion terminates the VCP Agreement governing this project (#NW2812).

If you should decide to clean up the remainder of the Site, please do not hesitate to reapply and request additional services under the VCP.

Contact Information

Thank you for cleaning up your Property under the Voluntary Cleanup Program (VCP). We look forward to working with you to clean up the remainder of the Site.

For more information about the VCP and the cleanup process, please visit our web site: www.ecy.wa.gov/programs/tcp/vcp/vcpmain.htm. If you have any questions about this opinion, please contact me at (425) 649-7064 or heather.vick@ecy.wa.gov.

Sincerely,

Heather Vick

Heather Vick, LHg
NWRO Toxics Cleanup Program

Enclosures (5):
A – Legal Description of the Property
B – Description and Diagrams of the Site (including the Property)
C – Basis for the Opinion: List of Documents
D – Environmental Covenant for Institutional Controls
E – Letter from King County dated October 24, 2019

cc: Dr. Paul Joos, 2200 Boston LLC
Rand Juliano, King County Metro Transit Department
Robert Thompson, Cardno
Dan Hatch, G-Logics
Sonia Fernandez, VCP Coordinator, Ecology (email)
Lyndsay Gordon, VCP Financial Manager, Ecology (letter only; email)

Enclosure A

Legal Description of the Property

Legal Description of the Property

Parcel Number 8712100035:

TURNER H S PARK ADD LESS POR FOR ALLEY PER DEED REC #20070226001273
Plat Block: 1
Plat Lot: B & 7

Parcel Number 8712100040:

TURNER H S PARK ADD LESS POR FOR ALLEY PER DEED REC #20070226001273
Plat Block: 1
Plat Lot: B & 8

Rectifier Easement Area (revised as of 2014) within Parcel Number 8712100040:

The South 34.16 feet of the North 35. 16 feet of the West 20 feet of Lot 8, Block 1, H.S. Turner Park Addition according to plat thereof recorded in Volume 14 of Plats, page 48, records of King County, Washington.

Enclosure B

Description and Diagrams of the Site (including the Property)

Site Description

This section provides Ecology's understanding and interpretation of Site conditions, and is the basis for the opinions expressed in the body of the letter.

Site: The Site is defined as total petroleum hydrocarbons in the gasoline (TPH-G), diesel, TPH-D), and heavy oil (TPH-O) ranges, benzene, toluene, ethylbenzene and xylenes (BTEX) in soil. The Site is also defined as TPH-G, TPH-D, TPH-O, BTEX, methyl tert-butyl ether (MTBE), and lead in ground water. The Site is located at 2200 24th Avenue East in Seattle, Washington (Property) on two King County tax parcels (8712100035 and 8712100040) which total 0.29 acre in size.

Area and Property Description: The Property is located east of 24th Avenue East and north of East Boston Street in the Montlake neighborhood. The Property is located within an area comprised primarily of single-family residences; the Mason Apartments, owned by the Seattle Housing Authority, are located immediately north of the Property on King County parcel number 8712100005.

Commercial properties including a Fuel coffee shop and Cascade Florist are located north of the Property on 24th Avenue, beyond the Mason Apartments and across East Lynn Street. The Montlake Bicycle Shop is located northwest of the Property across 24th Avenue East.

An electrical substation rectifier (rectifier) is located on a permanent easement (P.M. #250421-4-301) in the northeast corner of the Property (on parcel number 8712100040). The Property rectifier is used for the Montlake Rectifier Substation, a major electrical substation which provides electricity for all electric trolleys (King County Metro buses) in the University District and the northern portion of downtown Seattle. The Montlake Rectifier Substation was installed in approximately 1977 which is also about the time that the rectifier was installed on the Property. The original rectifier easement area was 900 square feet; in 2014, the southern vacant, paved portion of the easement area was removed (197 square feet). The revised rectifier easement area is 683 square feet. A legal description of the rectifier area on the Property is included in Enclosure A.

Site History and Current Use: The Property was used for a Mobil retail gasoline service station from approximately 1933 to 1977. In 1945, the station was expanded to the east to include parcel number 8712100040. Eight underground storage tanks (USTs) were reportedly formerly used at the Property in association with the service station, and are listed below:

Construction	Volume	Contents	Removal Date
Unknown	500 gallons	Used oil	2015
Single-wall steel	750 gallons	Unknown	2007
Single-wall steel	750 gallons	Unknown	2007
Single-wall steel	750 gallons	Unknown	2007
Unknown	2,000 gallons	Unknown	Between 1969 and 1981
Unknown	3,000 gallons	Unknown	Between 1969 and 1981
Unknown	5,000 gallons	Unknown	Between 1969 and 1981
Unknown	8,000 gallons	Unknown	Between 1969 and 1981

The installation dates for all of the USTs are unknown. The fluids stored in each tank were generally not reported, nor were the exact locations of several of the USTs. The Property was also formerly equipped with two former pump islands under a canopy along 24th Avenue. A service garage was also located in the northeast corner of the Property just west of the substation rectifier.

In 1977, the Property was sold and in 1981 was redeveloped with a two-story commercial structure, the Montlake Professional Building, used for marriage and family therapy practices until it was demolished in 2007. The Property remained an unpaved vacant lot until redevelopment began in 2015. The current use of the Property is for 2400 Boston, a three-story, mixed-use commercial retail and residential apartment building with a one-story, below-ground parking garage.

Mason Apartments Property. The Mason Apartments site (Facility Site ID No. 7909; Cleanup Site ID No. 12517) is located adjacent and north of the Property on two adjoining King County tax parcels (8712100005 and 8712100006) where a Texaco-branded gasoline service station (Montlake Service Station) formerly operated from approximately 1930 to 1979. The station had two pump islands, a lubrication room with a hydraulic hoist, a battery shop and a station building. There were originally three underground storage tanks (USTs) with capacities of 550-, 2,000- and 5,000 gallons with unknown contents. In 1954, two 4,000-gallon USTs were added and in 1973, two 6,000-gallon USTs were added. The gas station facility occupied the northwest corner of the property until 1979 when the two parcels were donated to the Seattle Housing Authority. In 1981, the Mason Apartments were constructed consisting of a 6,808-square foot, 3-story wood frame building divided into seven townhouse apartments. Ecology sent an Early Notice Letter regarding this site to the Seattle Housing Authority on May 1, 2015.

Sources of Contamination: The sources of soil and ground water contamination on the Property are the former USTs, associated product piping and dispensers, and potentially the former service garage with a hydraulic hoist.

Physiographic Setting: The Site is located within the Puget Sound Lowland Physiographic Province, a north-south trending structural and topographic depression that is bordered on its west side by the Olympic Mountains, and to the east by the Cascade Mountain foothills. The Puget Sound Lowland is underlain by Tertiary volcanic and sedimentary bedrock, and has been filled to the present day land surface with Pleistocene-aged glacial and nonglacial sediments. The Site is situated on the East Madison Low physiographic subdivision of metropolitan Seattle which is bordered by Mt. Baker Ridge to the east and Capitol Hill to the west. The Site occurs at an elevation of approximately 70 feet above mean sea level. The land surface in the Site vicinity slopes generally to the southeast.

Surface/Storm Water System: The nearest surface water body to the Site is an un-named University of Washington (UW) Arboretum stream/wetland located approximately 0.25 mile east of the Property. Union Bay of Lake Washington is located approximately 0.3 miles north of the Property. A storm sewer including two storm sewer vaults is located in the north central portion

of the Property. Storm water from the Property is conveyed through a storm drainage system that outfalls into the UW Arboretum unnamed stream 0.25 mile east of the Property.

Ecological Setting: The Property is located in a densely-developed commercial/residential area and is surrounded by roadways and residential properties. These properties contain small landscaped areas and lawns which are considered unlikely to attract wildlife. The UW Arboretum is located about 1,000 feet east of the Property.

Geology: Unconsolidated materials directly underlying the Site and vicinity are mapped as older (Pleistocene) glacial and non-glacial deposits of pre-Fraser glaciation age. These deposits are described as interbedded sand, gravel, silt, and diamicts of indeterminate age and origin.

Soil observed at the Site typically included fill to approximately 2 feet bgs. In the central to southern portion of the Site, the fill is underlain by silty sand, and at the northern portion of the Site, the fill is underlain by silty clay and clay. This layer extends to approximately 8 to 10 feet bgs. Beneath this transitional layer of silty clay and silty sand is a layer of silty sand, clayey sand and poorly graded sand that extends to approximately 15 feet bgs. This layer is typically underlain by a dense silt to the total depth explored of 40 feet bgs.

Ground Water: Shallow perched ground water is present at the Site at depths ranging from approximately 2 to 17 feet bgs within the silty sand unit above the clay layer which is typically encountered at approximate depths of 12 to 15 feet bgs. Shallow ground water flow was determined to be primarily to the north, with varying westerly and easterly components and a typical hydraulic gradient of 0.2 to 0.4 feet/foot.

Ground water was also encountered in a deep water-bearing zone within the dense silt/clay unit at approximate depths of 25 to 30 feet bgs. The deep water-bearing zone is likely transmitted in discontinuous silty sand lenses within the low permeability silt/clay unit. The ground water flow direction in the deep water-bearing zone is to the east-southeast.

Water Supply: Drinking water is supplied to the Property by Cascade Alliance sourced primarily from the Cedar and Tolt River watersheds. According to Ecology's well log database, there are no drinking water wells within 0.25 mile of the Property.

Release and Extent of Soil and Ground Water Contamination:

Soil. In 1991, three soil borings (S-1 through S-3) were advanced in the area of the former pump island, former USTs and adjacent to the former station building. Soil samples contained concentrations of petroleum hydrocarbons above MTCA Method A cleanup levels north of the former USTs and pump islands.

In 1992, soil borings B1, B2 and MW1 through MW4 were advanced to elevations ranging from 33.8 to 40 feet above mean sea level (amsl).

In 1993, monitoring wells MW5, MW6 and MW7 were installed to elevations of 40 feet amsl. Ground water samples were then collected from monitoring wells MW1 through MW7. The samples were analyzed for TPH-G, BTEX and total lead which were all detected above Method A cleanup levels in wells MW1 through MW6. The sample from MW7 contained the analytes at concentrations below Method A cleanup levels. Monitoring well MW4 contained 0.04 feet of product.

A hydrocarbon release to soil and ground water on the Property was reported to Ecology in March 1996. Soil samples collected at that time indicated that soil containing petroleum hydrocarbon concentrations greater than MTCA Method A cleanup levels occurred throughout the Property, and likely extended off-Property, but characterization of the vertical and lateral extent of contamination was not complete.

In 2003, soil borings B1 through B13 were advanced to depths up to 20 feet bgs. These borings were completed as AS wells AS1 through AS7 and DPE wells DPE1 through DPE6.

In 2006, five vapor monitoring points (VMP-1 through VMP-5) were advanced in the alley along the north Property border. The vapor monitoring points were advanced to depths of 5.5 to 6 feet bgs. A soil sample was collected from the bottom of each vapor point boring prior to probe installation. The soil samples were analyzed for petroleum hydrocarbons, BTEX and lead. Only lead was detected in all the samples at concentrations well below the Method A cleanup level. The five vapor monitoring probes were sampled in 2006 with no detections.

In 2007, soil borings P1 through P38 were advanced to elevations of 38.2 to 57 feet amsl. Petroleum hydrocarbons were not detected any deeper than elevation 39.5 feet amsl. Later in 2007, soil borings P39 through P43 were advanced to vertically delineate soil contamination; soil borings P44 through P50 were then advanced to elevations ranging from 44.5 to 50.2 feet amsl to further delineate the vertical extent of soil contamination on the Property.

In 2007, the Site was enrolled in the Voluntary Cleanup Program (VCP) as project number NW1857 but terminated from the VCP in 2011 due to inactivity. The Site was re-enrolled in the VCP in 2013 as project number NW2812.

In 2010, soil borings B14 through B20 were advanced to elevations of 32.8 to 42.4 feet amsl. Borings B14 through B19 were completed as ground water monitoring/SVE wells MW11 through MW15. Borings B18 and B20 were completed as AS wells AS8 and AS9.
In 2012, soil borings B21 and 22 were advanced to elevations of 40.7 and 45.4 feet amsl; these borings were completed as monitoring wells MW17 and MW16 respectively.
In 2013, soil borings B23 through B25 were advanced and completed as monitoring wells MW18 through MW20. Selected soil samples from the borings contained benzene at concentrations exceeding the Method A cleanup level.

In 2014, soil borings B26 through B35 were advanced to total depths of 24 to 46 feet bgs to vertically delineate soil contamination on the Property.

Ground Water. Since 1992, a total of 29 ground water monitoring wells have been completed on the Site, both on and off the Property. Twenty of the 29 monitoring wells were installed on the Property.

Recovery well RW1 was installed in approximately 1995 in preparation for remedial activities. RW1 was originally used for dewatering in a combination trench ventilation/AS test in September 1995. Soil vapors collected during the test indicated that trench ventilation was an effective method for capturing elevated concentrations of hydrocarbons. There is no evidence that recovery well RW1 was used further for remediation. Ground water samples initially collected from RW1 in March 1996 contained TPH-G at 13,000 micrograms per liter (µg/L), benzene at 360 µg/L and xylenes at 1,400 µg/L, all above Method A. The well was last sampled in 2004 and contained TPH-G at 2,400 µg/L and benzene at 34.1 µg/L exceeding Method A. Recovery well RW1 was decommissioned in 2007.

Measureable quantities of light non-aqueous phase liquid (LNAPL) were formerly detected on shallow ground water in six monitoring wells (MW-1, -2,-3, -6, -13 and -14) on the Property. These wells were all decommissioned in 2007 after the LNAPL detections had ceased. LNAPL was also detected in each of the six DPE wells on the Property which were also decommissioned in 2007.

LNAPL was also detected in off-Property monitoring wells MW10, MW16, MW17, MW18 and MW20. The distance from the Property and thickness of LNAPL in monitoring well MW17 (up to 5.76 feet) on the Mason Apartments property suggested that another source of LNAPL was present.

The greatest LNAPL thickness measured on the Property was 0.22 feet in MW6 in 2005; however no LNAPL was observed in MW6 in 2006. The extent of LNAPL was shown to extend from the Property onto the Mason Apartments property.

Site COCs were detected at concentrations greater than MTCA Method A cleanup levels for ground water in wells MW1 through MW7, DPE1 through DPE6, and RW1 prior to their decommissioning. Ground water samples collected from existing wells MW10 through MW17 indicated the presence of LNAPL or elevated concentrations of Site COCs.

Pilot Testing. In September 1995, a trench ventilation/AS test was performed using the remedial trench and wells RW1, MW2, MW3 and MW5. The effective radius of influence outside the trench boundary during the test was less than 4.5 feet for the applied maximum vacuum of 8 inches of water. Soil vapors collected during the combination trench ventilation/AS

test indicated trench ventilation was an effective method for capturing elevated concentrations of hydrocarbons. Dissolved oxygen measurement collected during the test indicated sufficient AS of the shallow ground water with the remedial trench to volatize volatile organic compounds and enhance existing microbial activities.

In 2000, an in-well air stripping remedial method pilot test was conducted. Monitoring well MW5 was retrofitted to be used as an air injection point. Air was injected into the bottom portion of the screened interval of MW5 where aeration of the ground water occurred. Vacuum readings were conducted in monitoring wells MW2, MW3, MW4 and MW6 but the results indicated that an induced vacuum was not observed. The radius of influence was thus determined to be less than the distance to the nearest well (18 feet). A slight increase in BTEX concentrations in MW5 suggested that volatile organic compounds were being mobilized. It was estimated that with a minimum of two remediation wells, in-well air stripper remediation would be an efficient option.

In 2010, two additional AS wells, AS8 and AS9, were installed. An AS/SVE feasibility test was conducted using monitoring well MW13 as an extraction well and AS well AS9 as the sparge well. Over the duration of the 7.5-hour test, an estimated 0.125 pounds of TPH-G and 0.0015 pounds of benzene were removed from monitoring well MW13. Based on the test results, it was determined that a dual-phase AS/SVE system would not be effective for lowering petroleum concentrations below applicable cleanup levels.

Remedial Actions. In 2006, a combined AS/dual phase extraction (DPE) soil and ground water remediation system was installed to recover hydrocarbons from soil and ground water beneath the Property. The system included 7 AS wells (AS1 through AS7) and 6 DPE wells (DPE1 through DPE6). During the system's operation from May 2006 to March 2007, the system extracted approximately 955 pounds of TPH-G from the Property. In March 2007, the former remediation system equipment, compound and associated wells were removed in anticipation of planned excavation and redevelopment and after LNAPL was no longer detected on the Property.

Monitoring wells where LNAPL was previously detected on the Property were found to not contain it prior to decommissioning in 2007. However, LNAPL related to the Site extended onto the Mason Apartments property to the north (N-NE gradient in ground water) in monitoring MW16 which was reduced to a sheen in the second quarter of 2018. It is unknown if western remnants of the Site LNAPL plume are co-mingled with an LNAPL plume detected on the Mason Apartments property that is due to a separate source. Wells to determine this could not be installed due to the presence of the Mason Apartments building.

In 2007, three 750-gallon USTs were removed from the southwestern corner of the Property. The locations of the USTs had been confirmed using surface geophysical methods. Prior to removal, the contents of the USTs were removed and the tanks rinsed and inerted. A soil sample collected beneath each UST at a depth of 6 feet was analyzed for TPH-G, TPH-D, TPH-O, BTEX and lead with no detections. Approximately 91 tons of contaminated soil were over-excavated and disposed of off the Property.

Temporary removal and storage of the rectifier substation to allow investigation and cleanup of potential contamination beneath it was considered in 2014. Relocation of the rectifier was predicted to have taken 2 or more years with estimated related costs ranging from $1,000,000 to $3,850,000. Additional expenditures would have been required for the characterization and and removal of any contamination encountered beneath the rectifier. It was determined that the estimated costs were disproportional to the environmental benefit.

A mass remedial excavation was conducted on the Property in early 2015 that removed approximately 16,300 tons of soil containing petroleum hydrocarbons. The excavation did not include the northeast corner of the Property where the rectifier is located. Except for the rectifier and the area to the east of it, the excavation was lot-line to lot-line. The excavation extended to a maximum depth of 30 feet below the ground surface (bgs) (elevation 40 feet above mean sea level (amsl)). The excavation was completed using soldier-pile shoring with tiebacks on the four excavation sidewalls.

Even though monitoring wells on the Property were screened in shallow perched ground water in Site characterization activities, no seepage of ground water was observed during excavation activities. The planned dewatering equipment was unnecessary except for removal of accumulated rain water; about 16 inches of precipitation was recorded during the time that the excavation was open.

A previously unknown UST was discovered in the northern part of the excavation. The UST was 4 feet in diameter and 5 feet in length with an estimated capacity of 500 gallons. The UST contained weathered gasoline and evidence of a release was found below the tank. It was rinsed and removed. Confirmation soil samples TPB-1 and TPW-1 were collected near the UST; confirmation soil samples from sidewall location 28 were also collected near the former UST. The samples indicated that TPH-G at concentrations up to 24,700 mg/kg and benzene up to 0.59 mg/kg remained along the Property line.

Following the excavation, a total of approximately 228,000 cubic feet of controlled density fill (CDF) was used in lieu of a compacted material to backfill the excavation to construction grade corresponding to the elevation of the floor of the single level, below-ground parking garage. The CDF extends from just below the parking garage floor to a maximum depth of approximately 30 feet bgs (elevation 40 feet amsl).
The CDF used on the Property was manufactured by CalPortland. Project specifications listed Mix 61420A, a lower viscosity lean concrete. CalPortland was not able to provide information on the permeability of the CDF and was also unable to verify that the emplaced CDF does not transmit liquids. Specifications of the CDF used on the Property indicates it was mixed lean (less cement) using aggregate that is primarily fine sand. The emplaced CDF extends from just below the parking garage floor to a maximum depth of approximately 30 feet bgs (elevation 40 feet amsl).

In June 2015, monitoring well MW22 was drilled to the east of the rectifier and screened from 5 to 20 feet bgs to monitor shallow ground water in that area of the Site. Monitoring well MW23 was also installed at that time and screened from 20 to 30 feet bgs.

In January 2016, six additional monitoring wells (MW24 through MW29) were drilled and installed within the excavation extent using hollow stem auger methods. The wells were advanced through the CDF (6 months after placement) and into an underlying silt containing discontinuous sandy seams. The wells were screened below the CDF and in the silt at approximate depths of 25 to 30 feet bgs. Boring logs for two of the wells (MW24 and MW27) indicated wet to saturated conditions within the CDF.

Ground Water Potability Evaluation

A ground water potability evaluation was conducted in 2017 using monitoring well MW22 in the northeast corner of the Property. MW22 is screened from 5 to 20 feet bgs in the shallow water-bearing zone which was removed by the remedial excavation. The well, which contained about 11 feet of water, pumped dry in 3 hours using a pumping rate of approximately 0.1 gallons per minute (gpm). The upper five feet of the saturated thickness of MW22 is screened in dense sandy silt; the lower 5 feet is screened in dense silt. Cross-section N-S (pre-excavation cross-section N-S; Plate 5 in the report) shows much of the Property being underlain by silty sand in addition to silt. Ecology agrees that MW22 yielded less than 0.5 gpm in the pumping test. Ecology determined that the placement of the well screen was not sufficiently representative of hydrostratigraphic units present on the Property which demonstrate more permeable lithologies.

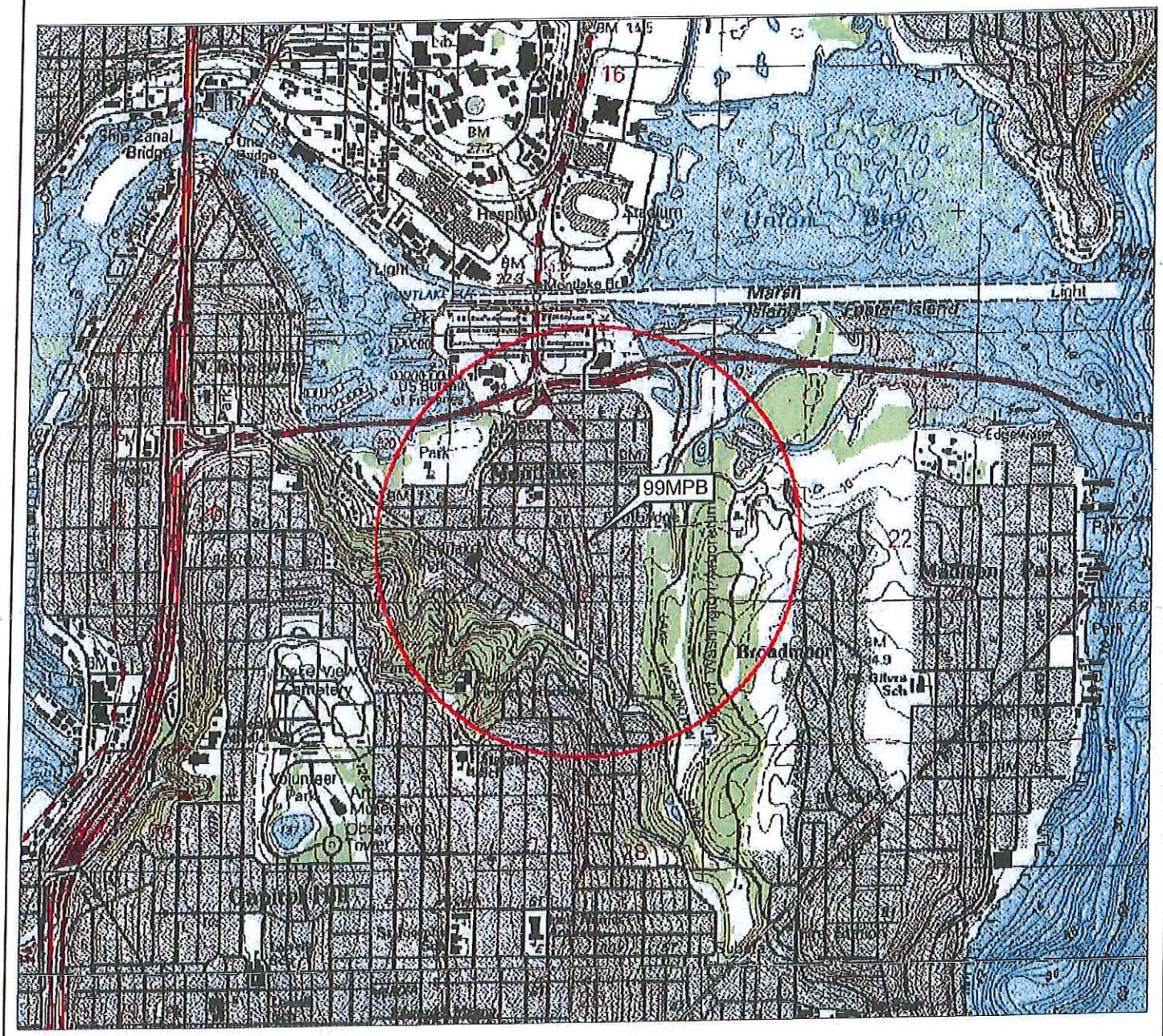
A potability evaluation was also conducted using monitoring well MW27 in the approximate center of the Property. MW-27 is screened just below the bottom of the CDF in sandy silt with gravel and silt from 35 to 40 feet bgs in the deeper water-bearing zone. The well pumped dry in about 3.5 hours using a pumping rate of approximately 0.05 gpm. This yield is below 0.5 gpm but the highest contaminant concentrations in ground water on the Property were in the shallow water bearing zone which has been removed. The soil exceedances occur above the horizon that is screened by MW27.

In addition, the hydraulic properties of the CDF and their effects on ground water on the Property need to be taken into consideration. The boring log from MW27 indicates that the CDF was 'moist to wet' when the boring was advanced suggesting saturation in the CDF 6 months after emplacement. Because ground water in MW27 may be impacted by the presence of the CDF, Ecology did not consider it representative.

Empirical Demonstration

An empirical demonstration was proposed using ground water monitoring results from monitoring well MW-8 which is downgradient of the Montlake rectifier on the Property. An empirical demonstration for concluding that there is no soil contamination beneath the rectifier is not feasible so leaching is not possible or extremely limited because the Site is paved. In addition, the contaminant mass above or below the water table beneath the rectifier is undefined.

Site Diagrams



FN 0311630001

EXPLANATION

1/2-mile radius circle

N

APPROXIMATE SCALE

0 0.5 1 mile

SOURCE:
Modified from a map provided by DeLorme 3-D TopoQuads

Cardno
Shaping the Future

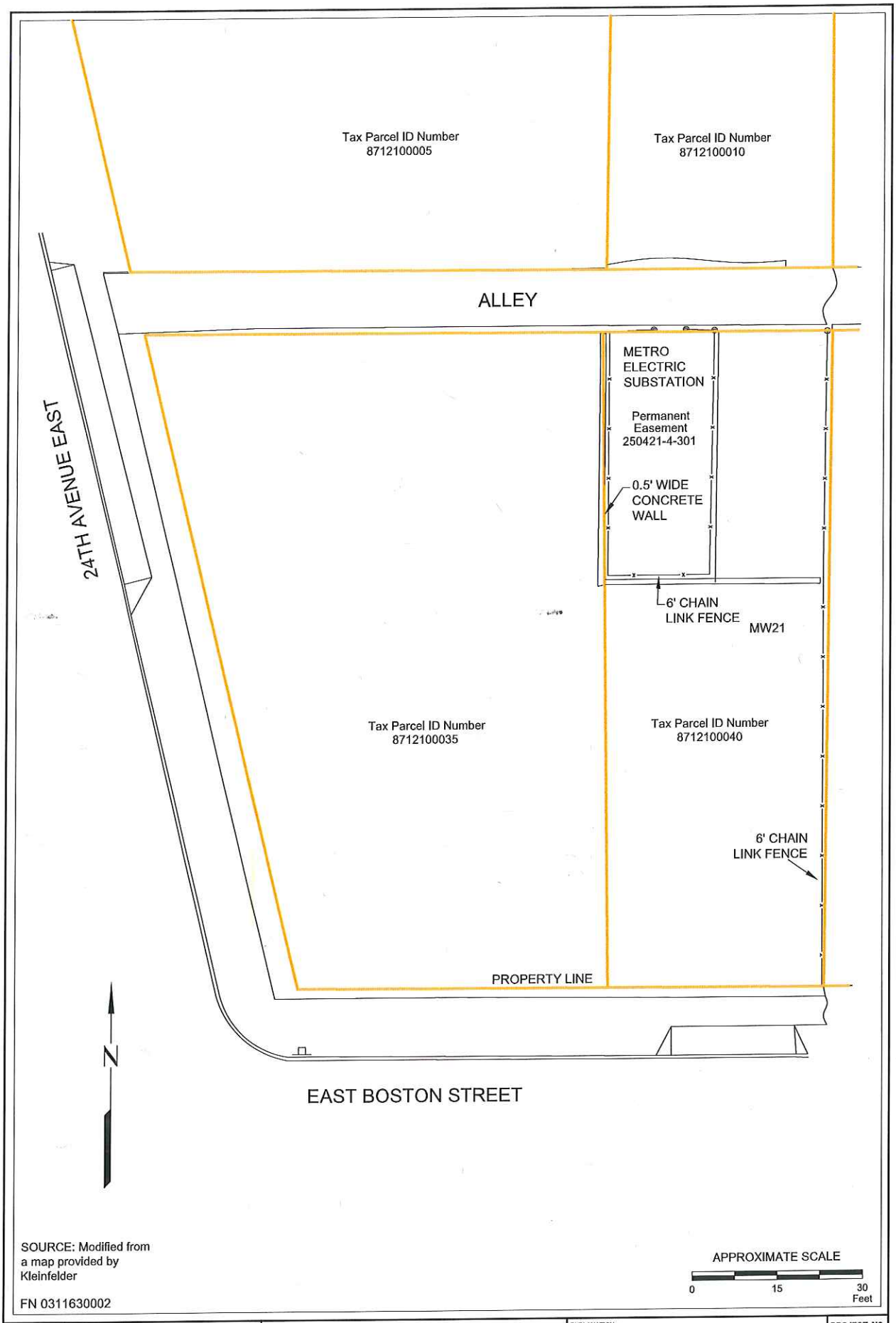
SITE LOCATION MAP

FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

PROJECT NO. 031163

PLATE 1

LEC: 07/30/14



SOURCE: Modified from a map provided by Kleinfelder

FN 0311630002

APPROXIMATE SCALE

0 15 30 Feet

Cardno ERI
Shaping the Future

PROPERTY PARCEL MAP

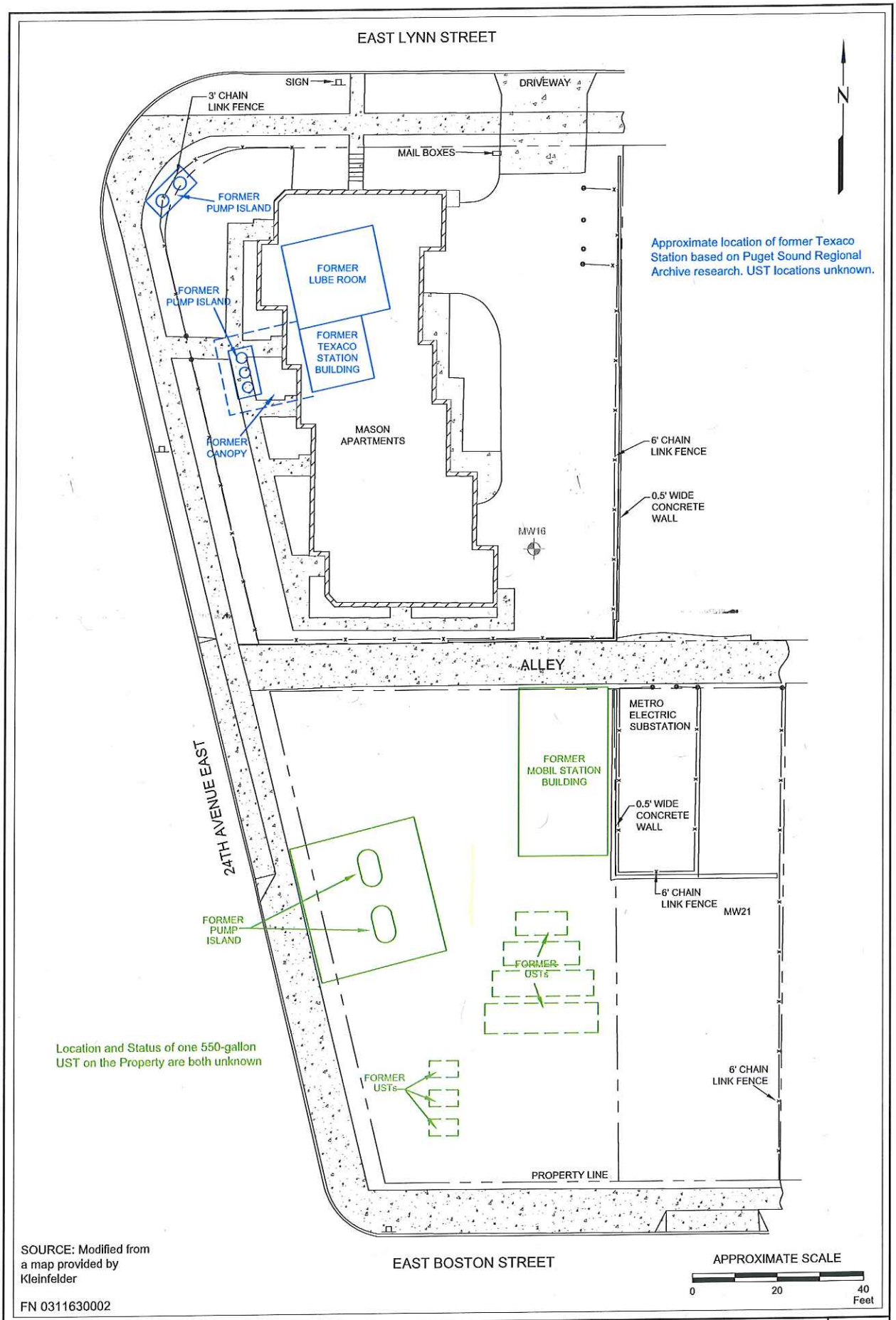
FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

EXPLANATION
Tax Parcel Boundary Lines

PROJECT NO.
031163

PLATE
3

E.B: 05/21/14



SOURCE: Modified from a map provided by Kleinfelder

FN 0311630002

Cardno ERI
Shaping the Future

POTENTIAL HYDROCARBON SOURCES MAP

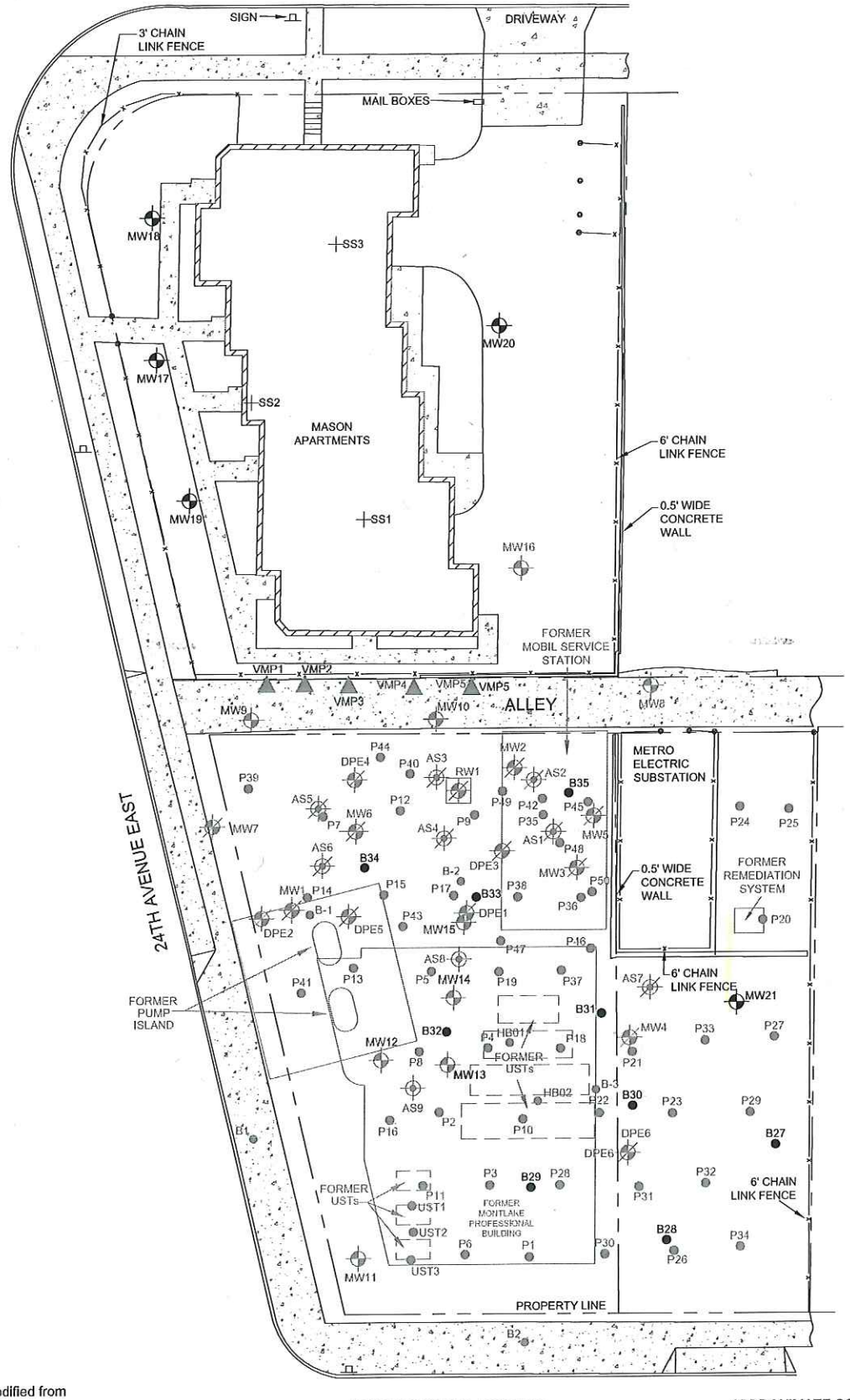
FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

EXPLANATION
Former Texaco Station and Equipment Location
Former Mobil Station and Equipment Location

PROJECT NO.
031163

PLATE
7

LEC: 07/07/14



FN 0311630002

Cardno ERI
Shaping the Future

GENERALIZED SITE PLAN

FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

EXPLANATION

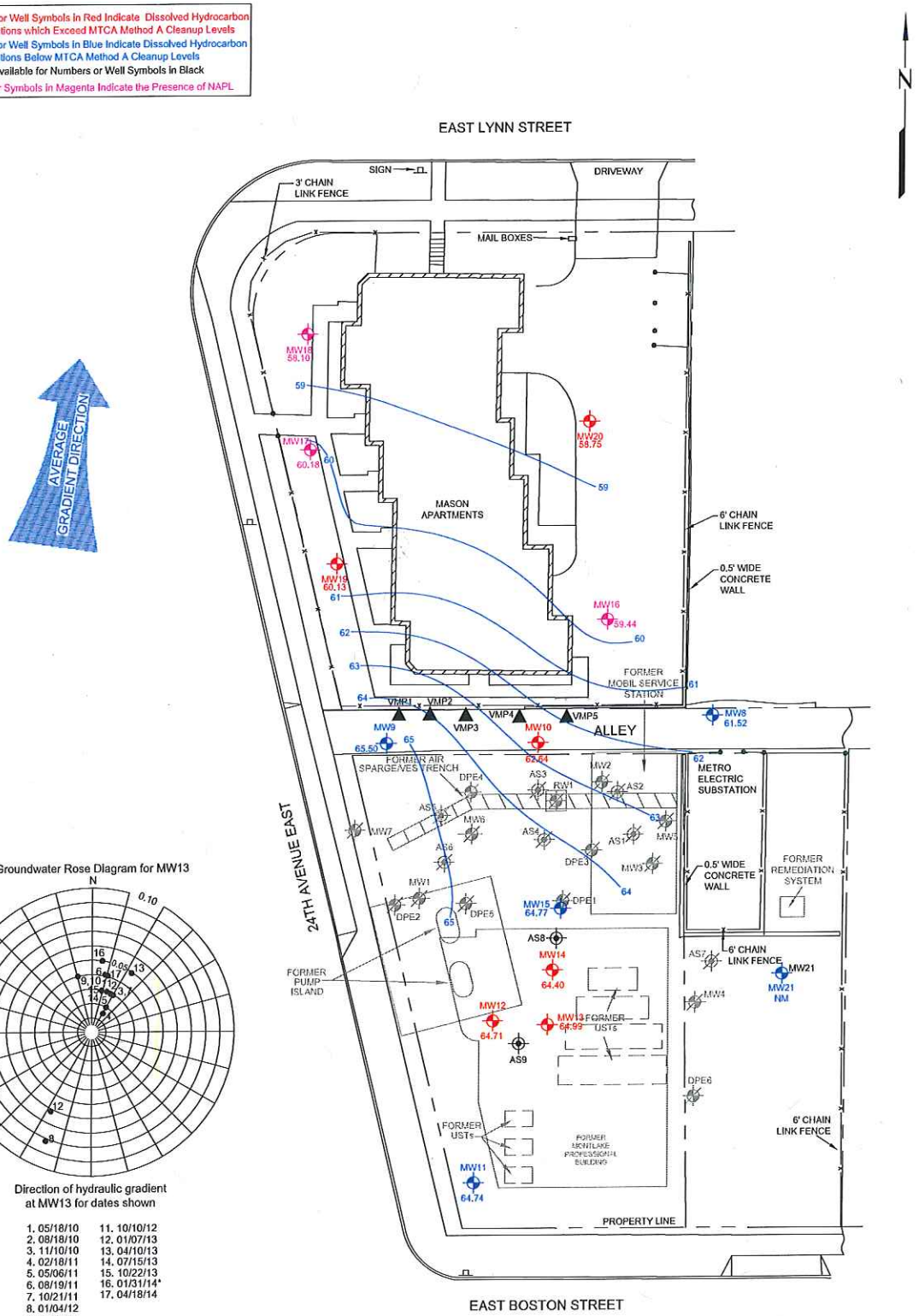
- MW21 Groundwater Monitoring Well
- AS9 Air Sparge Well
- VMP5 Vapor Monitoring Point
- MW7 Destroyed Groundwater Monitoring Well
- SS3 Sub Slab Vapor Sampling Point
- DPE8 Destroyed Dual Phase Extraction Well
- RW1 Destroyed Recovery Well
- AS7 Destroyed Air Sparge Well
- B35 Soil Boring
- P20 Historical Soil Boring
- Concrete

PROJECT NO. 031163

PLATE 2

NAG: 05/27/14

Numbers or Well Symbols in Red Indicate Dissolved Hydrocarbon Concentrations which Exceed MTCA Method A Cleanup Levels
Numbers or Well Symbols in Blue Indicate Dissolved Hydrocarbon Concentrations Below MTCA Method A Cleanup Levels
No Data Available for Numbers or Well Symbols in Black
Number or Symbols in Magenta Indicate the Presence of NAPL



Groundwater Rose Diagram for MW13

Direction of hydraulic gradient at MW13 for dates shown

1. 05/18/10
2. 08/18/10
3. 11/10/10
4. 02/18/11
5. 05/06/11
6. 08/19/11
7. 10/21/11
8. 01/04/12
9. 04/27/12
10. 07/17/12
11. 10/10/12
12. 01/07/13
13. 04/10/13
14. 07/15/13
15. 10/22/13
16. 01/31/14*
17. 04/18/14

*Flow direction through MW13 could not be determined; average hydraulic gradient used for rose diagram

NOTE: MW21 groundwater elevation data not used for contouring; MW21 was installed after the 04/18/14 monitoring and sampling event

SOURCE: Modified from a map provided by Kleinfelder

FN 0311630002

APPROXIMATE SCALE
0 25 50 Feet

Cardno ERI
Shaping the Future

GROUNDWATER ELEVATION CONTOUR MAP - 04/18/14

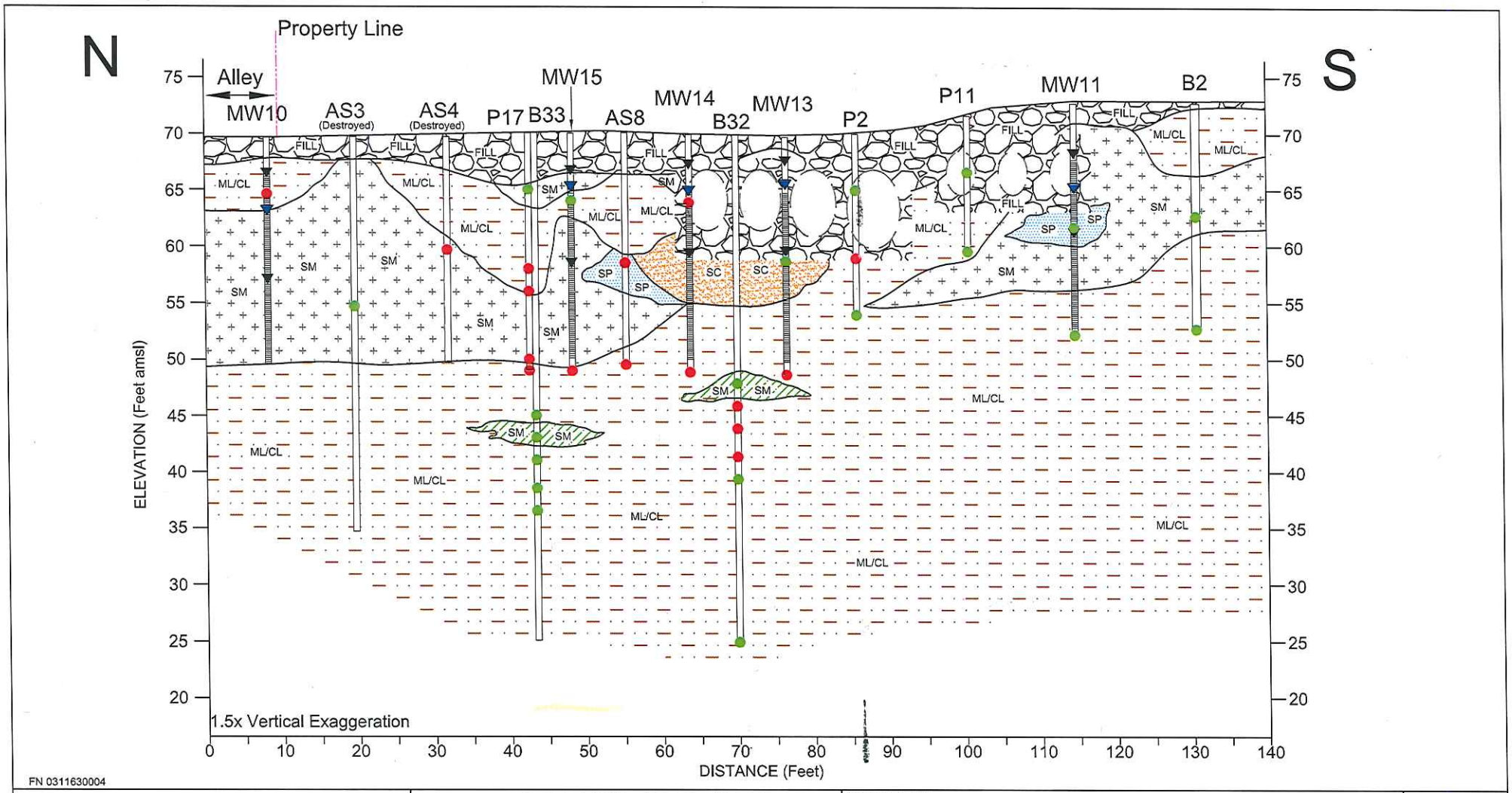
FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

EXPLANATION
- MW20 — Groundwater Monitoring Well
- 58.75 NM — Groundwater Elevation Not Measured
- AS9 — Air Sparge Well
- VMP5 — Vapor Monitoring Point
- SS3 — Sub Slab Vapor Sampling Point
- DPE6 — Decommissioned Dual Phase Extraction Well
- RW1 — Decommissioned Recovery Well
- AS7 — Decommissioned Air Sparge Well
- MW7 — Decommissioned Groundwater Monitoring Well
- Groundwater Elevation Contour Line

PROJECT NO. 031163

PLATE 18

LEC: 04/21/14



FN 0311630004

Cardno
Shaping the Future

PRE-EXCAVATION CROSS SECTION N-S

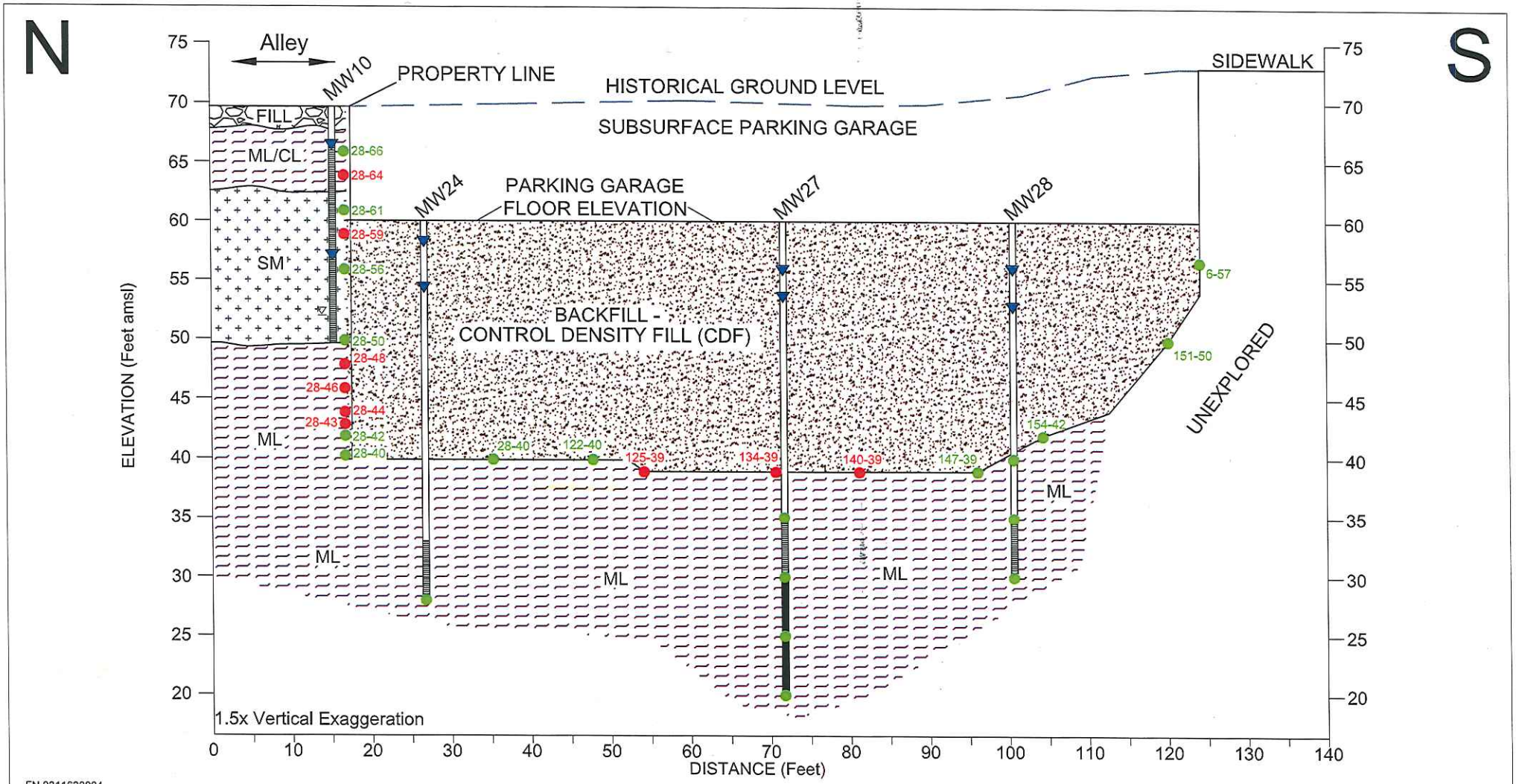
FORMER EXXON STATION 99MPB
2200 24th Avenue East
Seattle, Washington

EXPLANATION

- GRAVEL (Fill)
- SAND (SP)
- CLAYEY SAND (SC)
- SILTY SAND (SM)
- SILT AND CLAY (ML/CL)
- Well Screening Interval
- Groundwater Elevation - 04/18/14
- Groundwater Elevation Range
- Soil Sample
- Former UST
- HYDROCARBON CONCENTRATIONS IN SOIL BELOW MTCA CLEANUP LEVELS
- HYDROCARBON CONCENTRATIONS IN SOIL EXCEEDING MTCA CLEANUP LEVELS

PROJECT
031163

PLATE
4
RRT: 10/17/16



FN 0311630004

Cardno
Shaping the Future

METHOD A POST-EXCAVATION CROSS SECTION
FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

EXPLANATION

- FILL
- SILTY SAND (SM)
- Control Density Fill (CDF)
- Silt (ML) / Clayey Silt (CL)
- Well Screening Interval
- Backfilled Interval
- Historic High/Low Groundwater Elevation - Post Wellhead Survey
- Groundwater Elevation Encountered During Drilling
- 140 Soil Sample
- HYDROCARBON CONCENTRATIONS IN SOIL BELOW MTCA METHOD A CLEANUP LEVELS
- TPH CONCENTRATIONS EXCEEDING MTCA METHOD A CLEANUP LEVELS

PROJECT 031163

PLATE 5

AJRY: 01/18/17



NOTE: Select site features and monitoring wells located off of Former Mobil Station 99MPB have been omitted from this map. Refer to Plate 2 for a comprehensive site map.

SOURCE: Modified from a map provided by ExxonMobil Oil Corporation

FN 0311630002

APPROXIMATE SCALE

0 15 30 Feet

Cardno
Shaping the Future

CUMULATIVE EXCAVATION SOIL SAMPLE ANALYSIS MAP

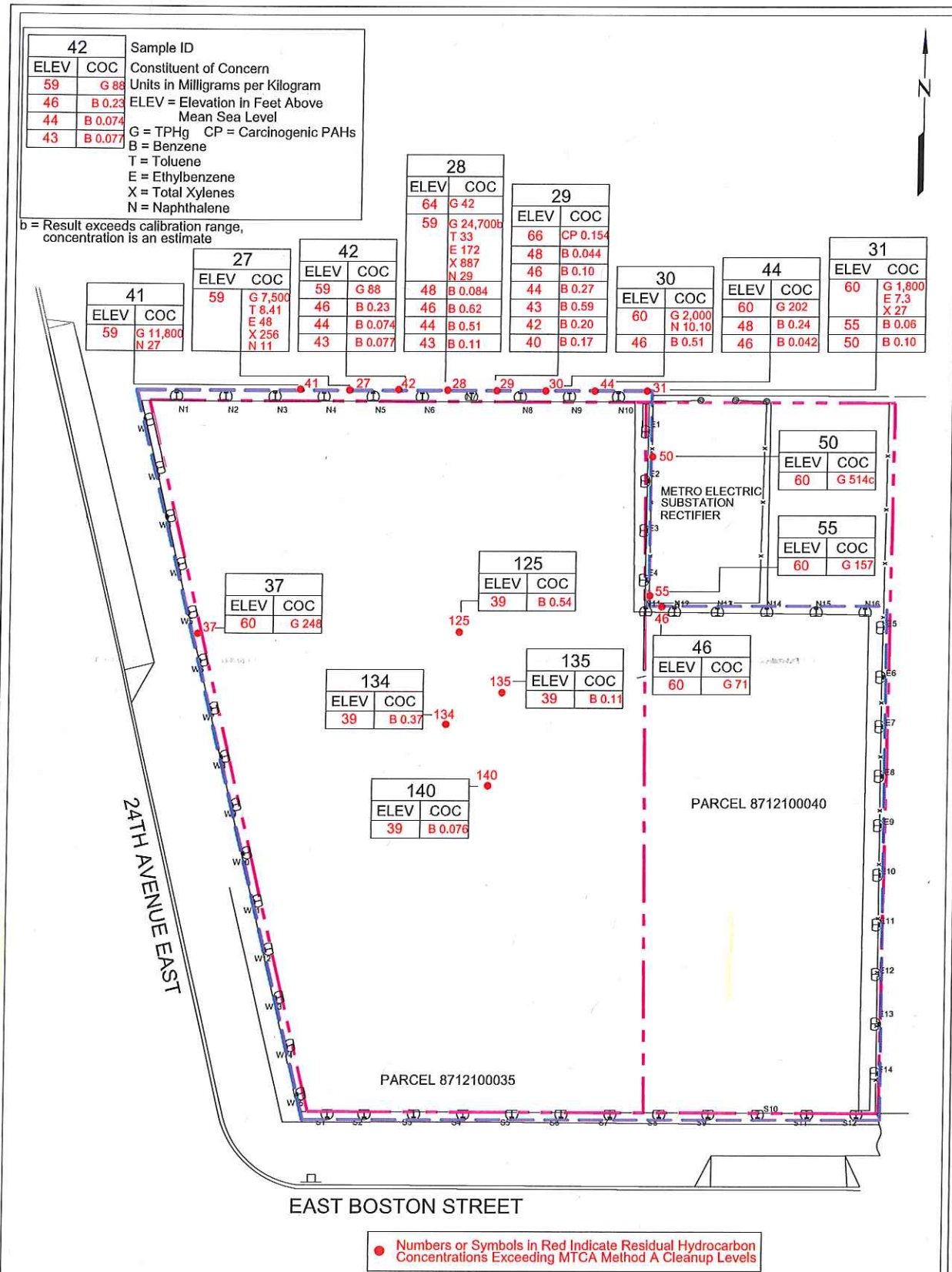
FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

EXPLANATION
- MW20 Groundwater Monitoring Well
- 181-55 Sample ID - Elevation and Excavation Soil Sample
- Excavation Extents
- Property Line

PROJECT NO. 031163

PLATE 7

RRT: 10/17/16



Cardno
Shaping the Future

METHOD A POST-EXCAVATION SOIL SAMPLE EXCEEDENCES MAP

FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

EXPLANATION
140 Sample ID
Soil Sample
Excavation Extents
Property Line

PROJECT NO. 031163

PLATE 8

RRT: 10/17/16

Enclosure C

Basis for the Opinion:
List of Documents

Basis for the Opinion:
List of Documents

1. Kleinfelder, 1996. *Installation of Monitor Well MW08,, Former Mobil Service Station #99-MPB, 2200 24th Avenue East, Seattle, Washington.* October 2.

2. Kleinfelder, 2001. *Third Quarter 2000 Progress Report, Former Mobil Oil Service Station #99-MPB, 2200 24th Avenue East, Seattle, Washington.* January 31.

3. Environmental Resolutions, Inc. (ERI), 2002. *Remedial Action Plan, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington.* November 14.

4. ERI, 2003. *Groundwater Monitoring Well Installation, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington.* July 31.

5. ERI, 2003. *Air Sparge and Dual Phase Extraction Well Installation, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington.* September 23.

6. ERI, 2004. *Corrective Action Plan, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington.* February 26.

7. ERI, 2006. *Vapor Monitoring Point Installation Report, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington.* March 27.

8. ERI, 2007. *Soil Assessment and Underground Storage Tank Removal Report, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington.* August 1.

9. ERI, 2007. *Underground Storage Tank Removal Report, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington.* August 10.

10. ERI, 2007. *Additional Soil Assessment Report, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington.* October 10.

11. ERI, 2007. *Supplemental Soil Assessment Report, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington.* December 28.
ERI, 2010. *Air Sparge – Soil Vapor Extraction Feasibility Test Technical Memo, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.* September 8.

12. ERI, 2010. *Remediation Well Installation and Groundwater Monitoring Report, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.* September 8.

13. Cardno ERI, 2012. *Off-Site Soil and Groundwater Assessment Report, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.* July 27.

14. Cardno ERI, 2013. *Groundwater Monitoring Report, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.* September 11.

15. Cardno ERI, 2013. *Site Summary and Voluntary Cleanup Program Application, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.* November 14.

16. Cardno ERI, 2014. *Exclusion of Substation Easement Letter, Former Mobil Station 99MPB (NW2812), 2200 24th Avenue East, Seattle, Washington.* May 16.

17. Cardno ERI, 2014. *Remedial Investigation, Focused Feasibility Study, and Cleanup Action Plan Report, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.* July 3.

18. Cardno ERI, 2014. *Off-Site Sub-Slab Soil Vapor Sampling Report, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.* July 30.

19. Cardno, 2016. *Groundwater Monitoring Report - Third Quarter 2016, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.* September 14.

20. Cardno, 2017. *Corrective Action Report, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.* June 23.

21. Cardno, 2017. *Second Quarter Groundwater Monitoring Report, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.* June 23.

22. Cardno, 2018. *Groundwater Monitoring Report – Fourth Quarter 2017, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.* January 9.

23. Cardno, 2018. *Groundwater Monitoring Report - Second Quarter 2018, Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.* July 6.

24. Cardno, 2018. *Groundwater Monitoring Report - Third Quarter 2018, Former Mobil Station 99MPB, 2200 24th Ave East, Seattle, Washington.* September 10.

25. Cardno, 2018. *Empirical Demonstration Memorandum. Former Mobil Station 99MPB, 2200 24th Avenue East, Seattle, Washington.* September 10.

Enclosure D

Environmental Covenant for Institutional and Engineering Controls

Instrument Number: 20190628000390 Document:COV Rec: $129.00 Page-1 of 31
Record Date:6/28/2019 10:04 AM
King County, WA

Return Address:
Heather Vick
Toxics Cleanup Program
Department of Ecology
Northwest Regional Office
3190 160th Ave. SE Bellevue, WA 98008

Please print or type information **WASHINGTON STATE RECORDER'S Cover Sheet** (RCW 65.04)

Document Title(s) (or transactions contained therein): (all areas applicable to your document **must** be filled in)
1. Environmental Covenant 2. _____
3. _____ 4. _____

Reference Number(s) of Documents assigned or released:
Additional reference #'s on page _____ of document

Grantor(s) Exactly as name(s) appear on document
1. 2200 Boston LLC _____
2. _____
Additional names on page _____ of document.

Grantee(s) Exactly as name(s) appear on document
1. State of Washington, Department of ecology _____
2. _____
Additional names on page _____ of document.

Legal description (abbreviated: i.e. lot, block, plat or section, township, range)
_____
_____
Additional legal is on page _____ of document.

Assessor's Property Tax Parcel/Account Number ☐ Assessor Tax # not yet assigned 8712100035 ; 8712100040

The Auditor/Recorder will rely on the information provided on this form. The staff will not read the document to verify the accuracy or completeness of the indexing information provided herein.

"I am signing below and paying an additional $50 recording fee (as provided in RCW 36.18.010 and referred to as an emergency nonstandard document), because this document does not meet margin and formatting requirements. Furthermore, I hereby understand that the recording process may cover up or otherwise obscure some part of the text of the original document as a result of this request."

_____ Signature of Requesting Party

Note to submitter: Do not sign above nor pay additional $50 fee if the document meets margin/formatting requirements

After Recording Return
Original Signed Covenant to:
Heather Vick
Toxics Cleanup Program
Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008

Environmental Covenant

Grantor: 2200 Boston LLC

Grantee: State of Washington, Department of Ecology (hereafter "Ecology")

Brief Legal Description: TURNER H S PARK ADD LESS POR FOR ALLEY PER DEED REC #20070226001273
Plat Block: 1
Plat Lot: B & 7

TURNER H S PARK ADD LESS POR FOR ALLEY PER DEED REC #20070226001273
Plat Block: 1
Plat Lot: 8

Tax Parcel Nos.: 8712100035; 8712100040
Cross Reference:

1) Easement Agreement P.M. #250421-4-301 (R2491772D1); recorded 03-07-79
2) Amendment of Easement ADM-ES-0830; recorded 03-26-14

RECITALS

a. This document is an environmental (restrictive) covenant (hereafter "Covenant") executed pursuant to the Model Toxics Control Act ("MTCA"), chapter 70.105D RCW, and the Uniform Environmental Covenants Act ("UECA"), chapter 64.70 RCW.

b. The Property that is the subject of this Covenant is part or all of a site commonly known as **Mobil Station 99MPB** (VCP #NW2812). The Property is legally described in **Exhibit A**, and the location illustrated in **Exhibit B**, both of which are attached (hereafter "Property"). If there are differences between these two exhibits, the legal description in **Exhibit A** shall prevail.

c. The Property is the subject of a remedial action conducted under MTCA. This Covenant is required because residual contamination likely remains on the Property after completion of remedial actions. Specifically, the following principal contaminants remain on the Property:

Medium	Principal Contaminants Present
Soil	Total petroleum hydrocarbons in the gasoline range; benzene
Groundwater	Total petroleum hydrocarbons in the gasoline range; benzene
Surface Water/Sediment	Not applicable

- Soil directly beneath an electrical rectifier on the Property was most likely contaminated by the presence of floating pure-phase petroleum product (gasoline) on a fluctuating water table. Although soil contamination under the rectifier has not been characterized, soil samples collected at depth of approximately 10 feet below the ground surface on the perimeter of the rectifier suggest exceedances of MTCA cleanup levels are likely. Because the water table depth has been recorded as shallow as approximately 3 feet below the ground surface, a potential direct contact risk exists if soil beneath the rectifier is exposed.
- The rectifier is underlain by a concrete pad which currently prevents completion of the leaching pathway. Ground water immediately downgradient of the electrical rectifier has not been characterized. Removal of the concrete pad would allow the infiltration of precipitation into the subsurface.

d. It is the purpose of this Covenant to restrict certain activities and uses of the Property to protect human health and the environment and the integrity of remedial actions conducted at the site. Records describing the extent of residual contamination and remedial actions conducted are available through Ecology.

e. This Covenant grants Ecology certain rights under UECA and as specified in this Covenant. As a Holder of this Covenant under UECA, Ecology has an interest in real property, however, this is not an ownership interest which equates to liability under MTCA or the Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. § 9601 *et seq.* The rights of Ecology as an "agency" under UECA, other than its' right as a holder, are not an interest in real property.

COVENANT

2200 Boston LLC, as Grantor and fee simple owner of the Property hereby grants to the Washington State Department of Ecology, and its successors and assignees, the following covenants. Furthermore, it is the intent of the Grantor that such covenants shall supersede any prior interests the GRANTOR has in the Property and run with the land and be binding on all current and future owners of any portion of, or interest in, the Property.

Section 1. General Restrictions and Requirements.

The following general restrictions and requirements shall apply to the Property:

a. **Interference with Remedial Action.** The Grantor shall not engage in any activity on the Property that may impact or interfere with the remedial action and any operation, maintenance, inspection or monitoring of that remedial action without prior written approval from Ecology.

b. **Protection of Human Health and the Environment.** The Grantor shall not engage in any activity on the Property that may threaten continued protection of human health or the environment without prior written approval from Ecology. This includes, but is not limited to, any activity that results in the release of residual contamination that was contained as a part of the remedial action or that exacerbates or creates a new exposure to residual contamination remaining on the Property.

c. **Continued Compliance Required.** Grantor shall not convey any interest in any portion of the Property without providing for the continued adequate and complete operation, maintenance and monitoring of remedial actions and continued compliance with this Covenant.

d. **Leases.** Grantor shall restrict any lease for any portion of the Property to uses and activities consistent with this Covenant and notify all lessees of the restrictions on the use of the Property.

e. **Preservation of Reference Monuments.** Grantor shall make a good faith effort to preserve any reference monuments and boundary markers used to define the areal extent of coverage of this Covenant. Should a monument or marker be damaged or destroyed, Grantor shall have it replaced by a licensed professional surveyor within 30 days of discovery of the damage or destruction.

Section 2. Specific Prohibitions and Requirements.

In addition to the general restrictions in Section 1 of this Covenant, the following additional specific restrictions and requirements shall apply to the Property.

a. **Land use.** The remedial action for the Property is based on a cleanup designed for commercial property. As such, the Property shall be used in perpetuity only for commercial land uses as that term is defined in the rules promulgated under Chapter 70.105D RCW. There are no prohibited land uses associated with this Covenant.

b. **Containment of soil/waste materials.**

i. Electrical Rectifier

The remedial action for the Property is based on containing suspected petroleum-contaminated soil under a cap consisting of a concrete pad beneath an electrical rectifier and located as illustrated

in **Exhibit C**. The primary purpose of this cap is to provide underlayment for the rectifier but it also prevents infiltration of rain water and excavation in the vicinity of the rectifier. As such, the following restrictions shall apply within the area illustrated in **Exhibit C**.

Any activity on the Property that will compromise the integrity of the cap including: drilling; excavating, digging; piercing the cap with sampling device, post, stake or similar device; grading; excavation; installation of underground utilities; removal of the cap; or, application of loads in excess of the cap load bearing capacity, is prohibited without prior written approval by Ecology. The Grantor shall report to Ecology within forty-eight (48) hours of the discovery of any damage to the cap. Unless an alternative plan has been approved by Ecology in writing, the Grantor shall promptly repair the damage and submit a report documenting this work to Ecology within thirty (30) days of completing the repairs.

The Grantor shall not alter or remove the existing structures (specifically, the electrical rectifier) on the Property in any manner that would expose contaminated soil, result in a release to the environment of contaminants, or create a new exposure pathway, without prior written approval of Ecology. Should the Grantor propose to remove all or a portion of the existing cap so that access to the underlying contamination is feasible, Ecology may require treatment or removal of the underlying contaminated soil.

The Grantor covenants and agrees that it shall annually, or at another time as approved in writing by Ecology, inspect the cap/rectifier and report within thirty (30) days of the inspection the condition of the cap and any changes to the cap that would impair its performance. Inspection will be conducted in accordance with the Operation and Maintenance Plan for Engineered Controls (**Exhibit D**).

ii. Benzene in Soil

Benzene in soil at concentrations exceeding the Method A cleanup level was left in place on the property at depths of approximately 30 feet below the ground surface at the base of the remedial excavation. The contaminated soil could not be removed any deeper due to safety limitations of the excavation shoring. The benzene-contaminated soil is beneath approximately 30 feet of controlled density fill material. Ecology considers it unlikely that the benzene-contaminated soil will be encountered unless the current building is replaced.

c. Vapor/Gas Controls.

The residual contamination on the Property line includes volatile chemicals that may generate harmful vapors. As such, the following restrictions shall apply on the Property as illustrated in Exhibit B/C to minimize the potential for exposure to these vapors:

A horizontal vapor barrier was installed beneath the parking garage floor. The subsurface parking garage was designed to mitigate the effects of hydrocarbon vapors emitted by vehicles which are captured and ventilated out of the garage. It is expected any vapors from petroleum hydrocarbons at the north Property lines and benzene left in place in soil in the remedial excavation bottom would also be ventilated in this manner. No vertical vapor barrier was installed on the north wall of the parking garage. However, it is expected that vapor mitigation measures installed in the parking garage will mitigate any vapors migrating in the subsurface due to the residual contamination.

Should the parking garage floor be opened for any reason, the integrity of the horizontal vapor barrier must be maintained in its original condition.

The Grantor covenants and agrees that he shall annually, or at another time as approved in writing by Ecology, inspect the ventilation system installed in the parking garage and report within thirty (30) days of the inspection the condition of the system and any changes to the system that would impair its performance. Inspection will be conducted in accordance with the Operation and Maintenance Plan for Engineered Control (Enclosure E of the No Further Action letter).

d. Groundwater Use.

The ground water beneath a portion of the Property in the vicinity of the north and southwest Property boundaries and near the rectifier may be contaminated and shall not be extracted for any purpose other than temporary construction dewatering, investigation, monitoring or remediation. Drilling of a well for any water supply purpose is strictly prohibited. Ground water extracted from the Property for any purpose shall be considered potentially contaminated and any discharge of this water shall be done in accordance with state and federal law.

e. Monitoring.

Several groundwater monitoring wells are located on the Property to monitor the performance of the remedial action. The Grantor shall maintain clear access to these devices and protect them from damage. The Grantor shall report to Ecology within forty-eight (48) hours of the discovery of any damage to any monitoring device. Unless Ecology approves of an alternative plan in writing, the Grantor shall promptly repair the damage and submit a report documenting this work to Ecology within thirty (30) days of completing the repairs.

Ground water monitoring is to be conducted every 5 years in monitoring wells MW-24, MW-25 and MW-27 as confirmation of the protectiveness of the remedy. Ground water monitoring will be conducted in accordance with **Exhibit E**, Confirmational Monitoring Plan.

Section 3. Access.

a. The Grantor shall maintain clear access to all remedial action components necessary to construct, operate, inspect, monitor and maintain the remedial action.

b. The Grantor freely and voluntarily grants Ecology and its authorized representatives, upon reasonable notice, the right to enter the Property at reasonable times to evaluate the effectiveness of this Covenant and associated remedial actions, and enforce compliance with this Covenant and those actions, including the right to take samples, inspect any remedial actions conducted on the Property, and to inspect related records.

c. No right of access or use by a third party to any portion of the Property is conveyed by this instrument.

Section 4. Notice Requirements.

a. **Conveyance of Any Interest.** The Grantor, when conveying any interest within the area of the Property described and illustrated in Exhibits B and C including but not limited to title, easement, leases, and security or other interests, must:

i. Provide written notice to Ecology of the intended conveyance at least thirty (30) days in advance of the conveyance.

ii. Include in any conveying document a notice in substantially the following form, as well as a complete copy of this Covenant:

NOTICE: THIS PROPERTY IS SUBJECT TO AN ENVIRONMENTAL COVENANT GRANTED TO THE WASHINGTON STATE DEPARTMENT OF ECOLOGY ON [___] AND RECORDED WITH THE KING COUNTY AUDITOR UNDER RECORDING NUMBER [_____]. USES AND ACTIVITIES ON THIS PROPERTY MUST COMPLY WITH THAT COVENANT, A COMPLETE COPY OF WHICH IS ATTACHED TO THIS DOCUMENT.

iii. Unless otherwise agreed to in writing by Ecology, provide Ecology with a complete copy of the executed document within thirty (30) days of the date of execution of such document.

b. **Reporting Violations.** Should the Grantor become aware of any violation of this Covenant, Grantor shall promptly report such violation in writing to Ecology.

c. **Emergencies.** For any emergency or significant change in site conditions due to Acts of Nature (for example, flood or fire) resulting in a violation of this Covenant, the Grantor is authorized to respond to such an event in accordance with state and federal law. The Grantor must notify Ecology in writing of the event and response actions planned or taken as soon as practical but no later than within 24 hours of the discovery of the event.

d. **Notification procedure.** Any required written notice, approval, reporting or other communication shall be personally delivered or sent by first class mail to the following persons. Any change in this contact information shall be submitted in writing to all parties to this Covenant. Upon mutual agreement of the parties to this Covenant, an alternative to personal delivery or first class mail, such as e-mail or other electronic means, may be used for these communications.

2200 Boston LLC Attn: Paul N. Joos 9837 Hilltop Road Bellevue, WA 98004 (425) 417-9955 eyeisit@comcast.net	Environmental Covenants Coordinator Washington State Department of Ecology Toxics Cleanup Program P.O. Box 47600 Olympia, WA 98504 – 7600 (360) 407-6000 ToxicsCleanupProgramHQ@ecy.wa.gov

Section 5. Modification or Termination.

a. Grantor must provide written notice and obtain approval from Ecology at least sixty (60) days in advance of any proposed activity or use of the Property in a manner that is inconsistent with this Covenant. For any proposal that is inconsistent with this Covenant and permanently modifies an activity or use restriction at the site:

i. Ecology must issue a public notice and provide an opportunity for the public to comment on the proposal; and

ii. If Ecology approves of the proposal, the Covenant must be amended to reflect the change before the activity or use can proceed.

b. If the conditions at the site requiring a Covenant have changed or no longer exist, then the Grantor may submit a request to Ecology that this Covenant be amended or terminated. Any amendment or termination of this Covenant must follow the procedures in MTCA and UECA and any rules promulgated under these chapters.

c. By signing this agreement, per RCW 64.70.100, the original signatories to this agreement, other than Ecology, agree to waive all rights to sign amendments to and termination of this Covenant.

Section 6. Enforcement and Construction.

a. This Covenant is being freely and voluntarily granted by the Grantor.

b. Within ten (10) days of execution of this Covenant, Grantor shall provide Ecology with an original signed Covenant and proof of recording and a copy of the Covenant and proof of recording to others required by RCW 64.70.070.

c. Ecology shall be entitled to enforce the terms of this Covenant by resort to specific performance or legal process. All remedies available in this Covenant shall be in addition to any and all remedies at law or in equity, including MTCA and UECA. Enforcement of the terms of this Covenant shall be at the discretion of Ecology, and any forbearance, delay or omission to exercise its rights under this Covenant in the event of a breach of any term of this Covenant is not a waiver by Ecology of that term or of any subsequent breach of that term, or any other term in this Covenant, or of any rights of Ecology under this Covenant.

d. The Grantor shall be responsible for all costs associated with implementation of this Covenant. Furthermore, the Grantor, upon request by Ecology, shall be obligated to pay for Ecology's costs to process a request for any modification or termination of this Covenant and any approval required by this Covenant.

e. This Covenant shall be liberally construed to meet the intent of MTCA and UECA.

f. The provisions of this Covenant shall be severable. If any provision in this Covenant or its application to any person or circumstance is held invalid, the remainder of this Covenant or its application to any person or circumstance is not affected and shall continue in full force and effect as though such void provision had not been contained herein.

g. A heading used at the beginning of any section or paragraph or exhibit of this Covenant may be used to aid in the interpretation of that section or paragraph or exhibit but does not override the specific requirements in that section or paragraph.

The undersigned GRANTOR warrants he/she holds the title to the Property and to an Easement on the Property and has authority to execute this Covenant.

EXECUTED this 18th day of June, 2019.

RECEIVED
JUN 24 2019
DEPT OF ECOLOGY
TCP - NWRO

2200 Boston LLC

_____(signature)

by: Paul N. Jods (printed name)

Title: manager, 2200 Boston LLC

CORPORATE ACKNOWLEDGMENT

STATE OF Washington

COUNTY OF King

On this 18 day of June, 2019 I certify that Paul N. Jods MD personally appeared before me, acknowledged that he/she is the _____ of the corporation that executed the within and foregoing instrument, and signed said instrument by free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that he/she was authorized to execute said instrument for said corporation.

SHELLY FAITH TAMBLYN NOTARY PUBLIC STATE OF WASHINGTON COMMISSION EXPIRES 10-01-2021

Shelly Faith Tamblyn
Notary Public in and for the State of Washington

Residing at 17510 SE 259th Pl. Covington, WA

My appointment expires 10-1-2021

The Department of Ecology, hereby accepts the status as GRANTEE and HOLDER of the above Environmental Covenant.

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

_____(signature)

by: ROBERT W. WARREN (printed name)

Title: NWRO SECTION MANAGER

Dated: 6/21/19

STATE ACKNOWLEDGMENT

STATE OF WASHINGTON

COUNTY OF KING

On this 21st day of June, 2019, I certify that ROBERT W WARREN personally appeared before me, acknowledged that he is the SIGNEE of the state agency that executed the within and foregoing instrument, and signed said instrument by free and voluntary act and deed, for the uses and purposes therein mentioned, and on oath stated that he/she was authorized to execute said instrument for said state agency.

_____
Notary Public in and for the State of Washington

Residing at 1527 N. 107th St. Seattle, WA 98133

My appointment expires March 15, 2023

VIVIAN M PEREZ
Notary Public
State of Washington
Commission # 137737
My Comm. Expires Mar 15, 2023

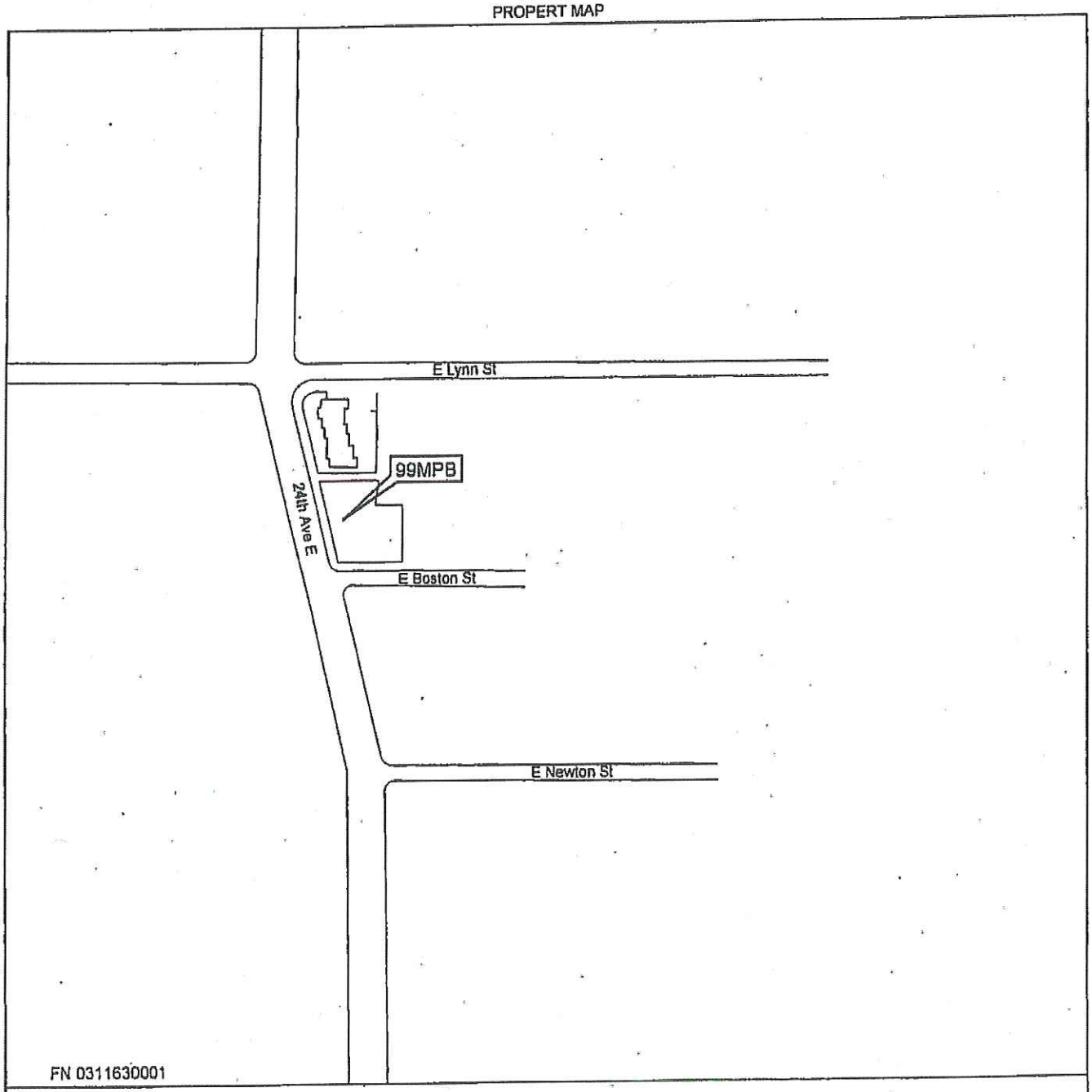
Exhibit A

LEGAL DESCRIPTION

TURNER H S PARK ADD LESS POR FOR ALLEY PER DEED REC #20070226001273
Plat Block: 1
Plat Lot: B & 7

TURNER H S PARK ADD LESS POR FOR ALLEY PER DEED REC #20070226001273
Plat Block: 1
Plat Lot: 8

Exhibit B
PROPERT MAP



APPROXIMATE SCALE

0 250 500 feet

N

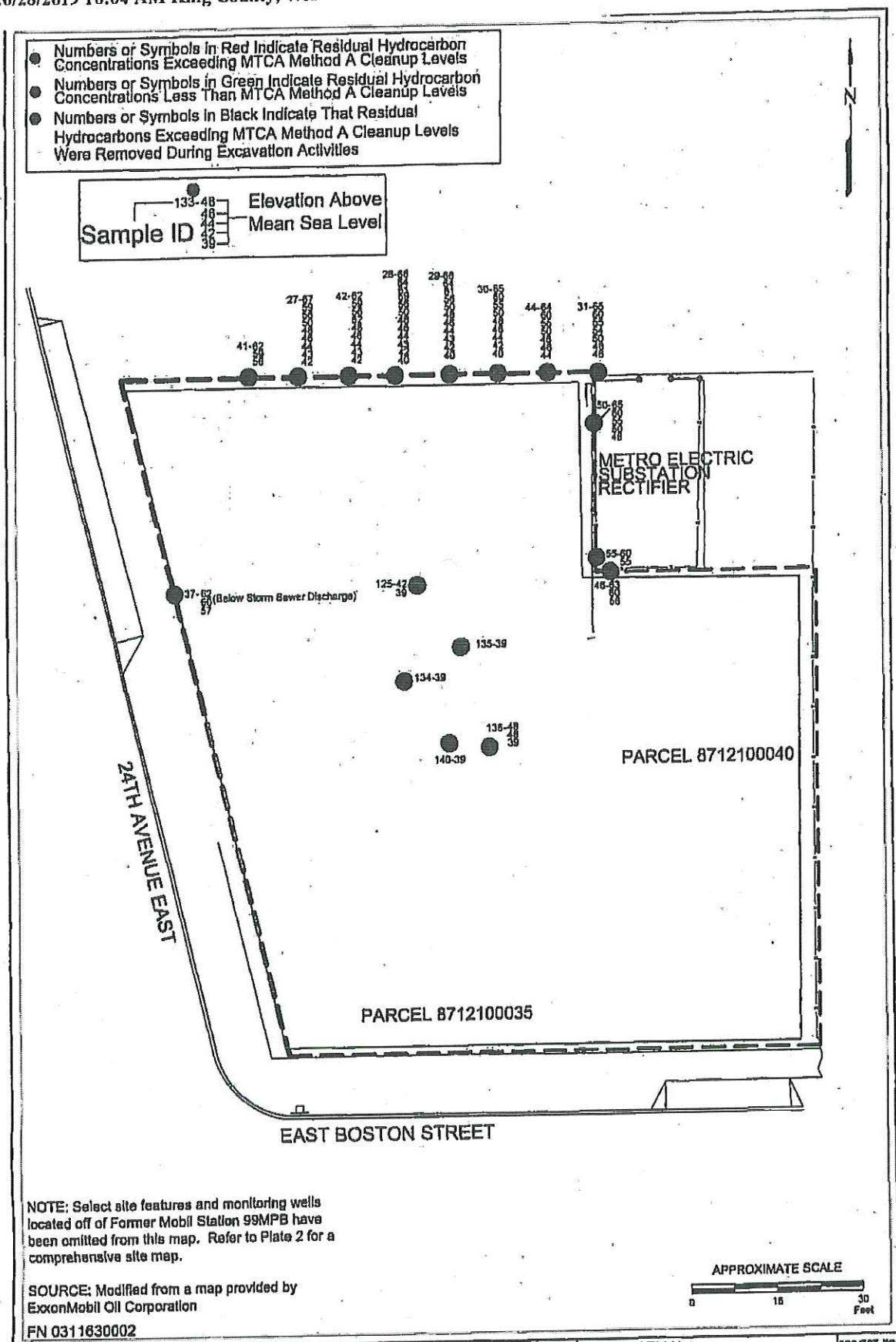
SOURCE:
Modified from a map provided by DeLorme 3-D TopoQuads

Cardno

SITE LOCATION MAP

FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

PROJECT NO.
031163
PLATE
1
LEC: 05/02/18



NOTE: Select site features and monitoring wells located off of Former Mobil Station 99MPB have been omitted from this map. Refer to Plate 2 for a comprehensive site map.

SOURCE: Modified from a map provided by ExxonMobil Oil Corporation

FN 0311630002

Cardno

CUMULATIVE EXCAVATION SOIL SAMPLE ANALYSIS MAP
FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

EXPLANATION
161-55 Sample ID - Elevation amsl
Excavation Soil Sample
Excavation Extents

PROJECT NO. 031163
PLATE 7
BLM: 08/27/19

Exhibit D

Operation, Maintenance, Inspection and Contingency Plan

Electrical Rectifier

The Grantor shall not alter or remove the existing structures (specifically, the electrical rectifier) on the Property in any manner that would expose contaminated soil, result in a release to the environment of contaminants, or create a new exposure pathway, without prior written approval of Ecology. Should the Grantor propose to remove all or a portion of the existing cap so that access to the underlying contamination is feasible, Ecology may require treatment or removal of the underlying contaminated soil.

The Grantor covenants and agrees that it shall annually, or at another time as approved in writing by Ecology, inspect the cap/rectifier and report within thirty (30) days of the inspection the condition of the cap and any changes to the cap that would impair its performance.

Monitoring Wells

Monitoring wells MW-24, MW25 and MW-27 are located in the floor of the underground parking garage of the 2200 Boston building located on the Property. The monitoring wells shall be inspected on an annual basis in order to determine if any damage has occurred that could jeopardize the integrity or performance of the wells.

The annual inspection shall be conducted by a qualified technician. Sampling technicians shall carry select monitoring well components for immediate repair or replacement (i.e. padlocks, locking caps, well caps, well vault bolts etc.). The results of the annual inspection will be documented in a field report and photographs of the monitoring wells will be taken during each inspection and maintained in a project file.

If the Grantor or a representative discovers any damage that would indicate that the integrity or performance of the monitoring wells or the garage floor slab have been compromised or jeopardized, then the Grantor shall report these findings to Ecology within three (3) business days of discovery of the damage.

Unless Ecology approves of an alternative plan in writing, the Grantor shall promptly make arrangements for the repair of any damage by retaining the appropriate contractor to perform the work required to restore the integrity of the concrete slab and/or the monitoring wells. The Grantor will also prepare a report documenting any such work, which will be submitted to Ecology within thirty (30) days of completing the repairs or replacements.

Exhibit E

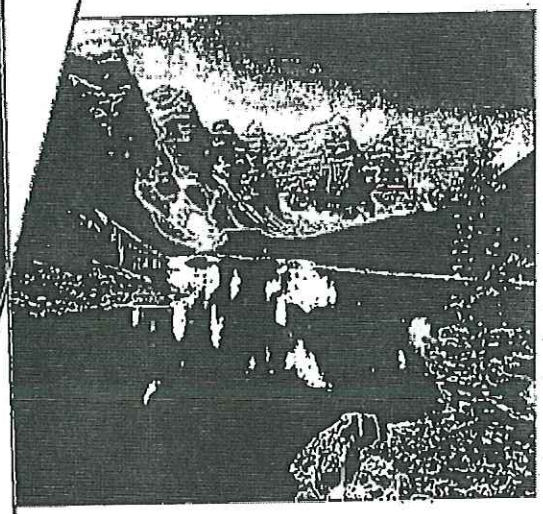
CONFIRMATIONAL MONITORING PLAN

Instrument Number: 20190628000390 Document:COV Rec: $129.00 Page-16 of 31
Record Date:6/28/2019 10:04 AM King County, WA

Confirmational Sampling Plan

Former Mobil Station 99MPB
VCP No.: NW2812
2200 24th Avenue East
Seattle, Washington

Cardno 03116309.R32



Prepared for
ExxonMobil Environmental and Property Solutions Company

April 24, 2019

Instrument Number: 20190628000390 Document:COV Rec: $129.00 Page-17 of 31
Record Date:6/28/2019 10:04 AM King County, WA

Table of Contents

1	**Site Description**		1
2	**Groundwater Monitoring and Sampling**		1
3	**Quality Assurance/Quality Control**		2
4	**Sample Documentation**		2
	4.1	Field Notes and Sampling Forms	2
	4.2	Sampling Container Labelings	2
5	**Sample Handling**		2
	5.1	Sample Packing and Shipping	2
	5.2	Sample Custody	3
6	**Equipment Management**		3
	6.1	Equipment Maintenance	3
	6.2	Equipment Decontamination	3
7	**Data Upload to Ecology Database**		3
8	**Operation, Maintenance, Inspection, and Contingency Plan**		4
9	**Contact Information**		4
10	**Limitations**		4
11	**References**		5
12	**Acronym List**		

Plates

Plate 1	Site Location Map
Plate 2	Generalized Site Plan & Well Location Map

Appendices

Appendix A	Example Field Data Logs
Appendix B	Example Chain-of-Custody (COC) Form

Instrument Number: 20190628000390 Document:COV Rec: $129.00 Page-18 of 31
Record Date:6/28/2019 10:04 AM King County, WA

Table of Contents

1	**Site Description**		1
2	**Groundwater Monitoring and Sampling**		1
3	**Quality Assurance/Quality Control**		2
4	**Sample Documentation**		2
	4.1	Field Notes and Sampling Forms	2
	4.2	Sampling Container Labelings	2
5	**Sample Handling**		2
	5.1	Sample Packing and Shipping	2
	5.2	Sample Custody	3
6	**Equipment Management**		3
	6.1	Equipment Maintenance	3
	6.2	Equipment Decontamination	3
7	**Data Upload to Ecology Database**		3
8	**Operation, Maintenance, Inspection, and Contingency Plan**		3
9	**Contact Information**		4
10	**Limitations**		4
11	**References**		4
12	**Acronym List**		5

Plates

Plate 1	Site Location Map
Plate 2	Generalized Site Plan & Well Location Map

Appendices

Appendix A	Example Field Data Logs
Appendix B	Example Chain-of-Custody (COC) Form

Instrument Number: 20190628000390 Document:COV Rec: $129.00 Page-19 of 31
Record Date:6/28/2019 10:04 AM King County, WA

1 Site Description

At the request of ExxonMobil Environmental and Property Solutions, on behalf of ExxonMobil Oil Corporation, Cardno has prepared this *Confirmational Monitoring Plan* for the subject site. Following the remedial action, and as part of the site no further action (NFA) determination, property owner Dr. Paul Joos as the Grantor and State of Washington, Department of Ecology as the Grantee, executed a restrictive environmental covenant for Tax Parcel Nos. 8712100035 and 87100040; hereafter referred to as the environmental covenant. The purpose of this plan is to outline groundwater monitoring and sampling activities in order to demonstrate protectiveness of the remedial action as associated with the environmental covenant.

Former Mobil Station 99MPB is located at 2200 24th Avenue East, Seattle, King, County Washington (Plate 1). For the purpose of this plan, the "Site" refers to the release of hydrocarbons to soil and groundwater originating from Former Mobil Station 99MPB (Plate 2). The "Property" refers to the two tax parcels (8712100035 and 871200040) that collectively make up the redevelopment boundaries.

The Property consists of a new building currently undergoing construction. The redeveloped Property will consist of a three-story mixed-use commercial retail and residential building with a single level below grade parking garage. The Property is comprised of King County tax parcels 8712100035 and 8712100040 (King County, 2016). Parcel locations are shown on Plate 2.

An electrical substation rectifier is present on permanent easement P.M. #250421-4-301 (recorded as King County recording number 7903070818 and amended under King County recording number 20140326000820) on the northeast portion of the Property on parcel 8712100040 (King County DOT, 2014). This area is used for the Montlake Rectifier Substation, which is a major electrical rectifier substation. Specifically, the rectifier provides electricity for all electric trolleys (King County Metro buses) in the University District and the northern portion of downtown Seattle.

2 Groundwater Monitoring and Sampling

Groundwater monitoring wells MW24, MW25, and MW27 will be monitored and sampled every 5 years, as outlined in Section 2e of the associated environmental covenant. The locations of monitoring wells MW24, MW25, and MW27 are shown on Plate 2. Samples will be collected and analyzed for TPHg in accordance with Ecology Method NWTPH-Gx and BTEX in accordance with either EPA Method 8260B or 8260C.

Cardno will collect groundwater sampling using low-stress (low-flow) methodology in accordance with Washington State Department of Ecology (Ecology) guidelines. Prior to sample collection, groundwater elevation data will be collected from each of the three wells.

Per Cardno's standard field protocol for low-flow sampling, and in accordance with Ecology guidelines, the monitoring wells are purged with a peristaltic pump capable of achieving low-flow purge rates of 500 milliliters per minute or less. The pump or tubing is lowered slowly into the well and placed within the upper ⅓ or ¼ of the screened interval of the well; however, if static groundwater is below the top of the screen, the pump or tubing is placed within the upper ⅓ or ¼ of the water column. New dedicated tubing will be used at each well during each sampling event.

An electronic water level probe is also placed in the well and used to monitor drawdown during purging. Initially, the well is pumped at a rate of approximately 500 milliliters per minute or less and adjusted according to the natural recovery rate of the well. The pump rate is measured using a graduated cylinder and a stopwatch. The discharge is directed into a purge bucket. The physical properties of the purged groundwater are measured using a flow-through cell. The monitored physical properties include

Instrument Number: 20190628000390 Document:COV Rec: $129.00 Page-20 of 31
Record Date:6/28/2019 10:04 AM King County, WA

temperature, specific conductance, DO, and pH. Monitoring of the discharge begins after one tubing volume of groundwater has been discharged; measurements are taken at approximately 3-minute intervals. Purging and monitoring continue until the physical properties of the discharge are stable for three successive readings. The following stabilization criteria are used: ± 1 degree temperature, ± 0.3 mg/L DO, ± 3% specific conductance, and ± 0.1 pH unit. If the physical properties do not stabilize, a maximum of three casing volumes are purged. The DTW measurements are also collected every three minutes.

Once groundwater conditions have stabilized, groundwater samples are collected in 40-milliliter glass vials, which are filled so as to produce a positive meniscus. Each vial is preserved with hydrochloric acid, sealed with a cap containing a Teflon® septum, and subsequently examined for air bubbles to avoid headspace, which would allow volatilization to occur. Additional samples may be collected in other sampling containers. The samples are promptly transported in iced storage in a thermally insulated ice chest, accompanied by COC documentation, to a state-certified laboratory.

Historical groundwater quality data will be reviewed prior to commencing sampling activities and groundwater samples will be collected in order from the lowest to highest concentrations of dissolved-phase hydrocarbons.

3 Quality Assurance/Quality Control

The selected state-certified laboratory will run method blanks, laboratory control spikes, and laboratory control spike duplicates with every batch of samples. If sample volume permits, the laboratory also prepares and runs matrix spikes and matrix spike duplicates with each sample batch. QA/QC results are provided with the analytical reports. Additionally, one duplicate sample will be collected from a well selected at random during each sampling event.

4 Sample Documentation

4.1 Field Notes and Sampling Forms

A daily field report is completed by sampling technicians on site to provide a daily record of events, observations, and measurements during the groundwater monitoring and sampling event. Field sampling forms completed by sampling technicians include liquid measurement logs, well integrity logs, and purge logs. Example field logs are included in Appendix A.

4.2 Sampling Container Labelings

Sample container labels provided by the laboratory are completed by the sampling technician at the time of sample collection and include the sample name, date, time, preservative, sample type (grab or composite), and identification of the sampling technician.

5 Sample Handling

5.1 Sample Packing and Shipping

Upon collection, samples are stored on ice in a thermally-insulated ice chest, accompanied by a COC record.

Sample bottles are wrapped in bubble wrap within a plastic liner bag and placed into a bubble wrap-lined ice chest. After packing sample containers into the ice chest, loose ice will be placed into the plastic liner bag and sealed using a cable tie (zip tie). The COC record is placed inside the ice chest. Packing tape is placed

Instrument Number: 20190628000390 Document:COV Rec: $129.00 Page-21 of 31
Record Date:6/28/2019 10:04 AM King County, WA

around the body of the ice chest and around the seal of the lid. Custody seals are signed, dated, and placed on the front and back of the cooler crossing the line of the seal. Ice chests are shipped overnight to the designated laboratory.

5.2 Sample Custody

The COC record includes the sample name, date, time, type of sample, preservative, number of sample bottles, matrix, requested laboratory analyses, and requested turn-around time for analytical results. An example COC record is enclosed as Appendix B).

6 Equipment Management

6.1 Equipment Maintenance

Non-dedicated equipment used for groundwater monitoring and sampling activities (i.e., pumps, physical parameter meters, and DTW probes) is maintained per manufacturer recommendations. Equipment is inspected prior to use in the field and is repaired or replaced as appropriate. Equipment is calibrated per manufacturer recommendations prior to use in the field.

6.2 Equipment Decontamination

Disposable nitrile gloves are worn by sampling technicians during DTW measurements, purging, sampling, and decontamination of equipment. Gloves are changed between wells during gauging, purging, sampling, and equipment decontamination activities. Disposable tubing and pump bladders (as applicable) are used at each well location to prevent cross-contamination. Non-dedicated sampling equipment (i.e., pumps, physical parameter probes, DTW probes) are scrubbed in a Liquinox® solution, and pre- and final-rinsed in distilled water.

7 Data Upload to Ecology Database

At the completion of all groundwater monitoring activities, groundwater analytical data obtained from the laboratory will be uploaded into Ecology's Electronic Information Management (EIM) database. The EIM data submittal will be considered complete after the Ecology EIM data coordinator indicates that the data has been successfully uploaded into the EIM database and reviewed by the Ecology Site Manager.

8 Operation, Maintenance, Inspection, and Contingency Plan

Monitoring wells MW24, MW25, and MW27 are located at the lower level parking garage floor located beneath the newly constructed mixed-used commercial and residential structure. The monitoring well will be inspected annually in order to determine if any damage has occurred that could jeopardize the integrity or performance of the monitoring wells.

The annual inspection will be completed by a qualified technician. Sampling technicians carry select monitoring well components for immediate repair or replacement (e.g., well locks, locking caps, bolts). The results of the inspection will be documented in a field report including photographs of the monitoring wells. The results of the inspection will be maintained in the official project file.

Instrument Number: 20190628000390 Document:COV Rec: $129.00 Page-22 of 31
Record Date:6/28/2019 10:04 AM King County, WA

If Cardno, on behalf of the property owner, Dr. Paul N. Joos (grantor), discovers any damage that would jeopardize that the integrity or the performance of the monitoring wells, Cardno will report these findings to Ecology within forty-eight (48) hours of discovery of the damage.

Unless Ecology approves an alternate plan in writing, Cardno will promptly repair any damage by retaining the appropriate contractor to perform the work required to restore the integrity and performance of the monitoring wells. Cardno, on behalf of the grantor, will also report a report documenting any such work and will be submitted to Ecology within thirty (30) days of completing the repairs.

9 Contact Information

- The responsible party contact is Ms. Marla Madden, ExxonMobil Environmental Services Company, 8941 Atlanta Avenue, #384, Huntington Beach, California, 92646.
- The consultant contact is Mr. Bobby Thompson, Cardno, 801 Second Avenue, Suite 700, Seattle, Washington 98104.
- The agency contact is Ms. Heather Vick, Washington State Department of Ecology, Northwest Regional Office, 3190 160th Avenue Southeast, Bellevue, Washington 98008.

10 Limitations

For documents cited that were not generated by Cardno, the data taken from those documents is used "as is" and is assumed to be accurate. Cardno does not guarantee the accuracy of this data and makes no warranties for the referenced work performed nor the inferences or conclusions stated in these documents.

This report and the work performed have been undertaken in good faith, with due diligence and with the expertise, experience, capability and specialized knowledge necessary to perform the work in a good and workmanlike manner and within all accepted standards pertaining to providers of environmental services in Washington at the time of investigation. No soil engineering or geotechnical references are implied or should be inferred. The evaluation of the geologic conditions at the site for this investigation is made from a limited number of data points. Subsurface conditions may vary away from these data points.

11 References

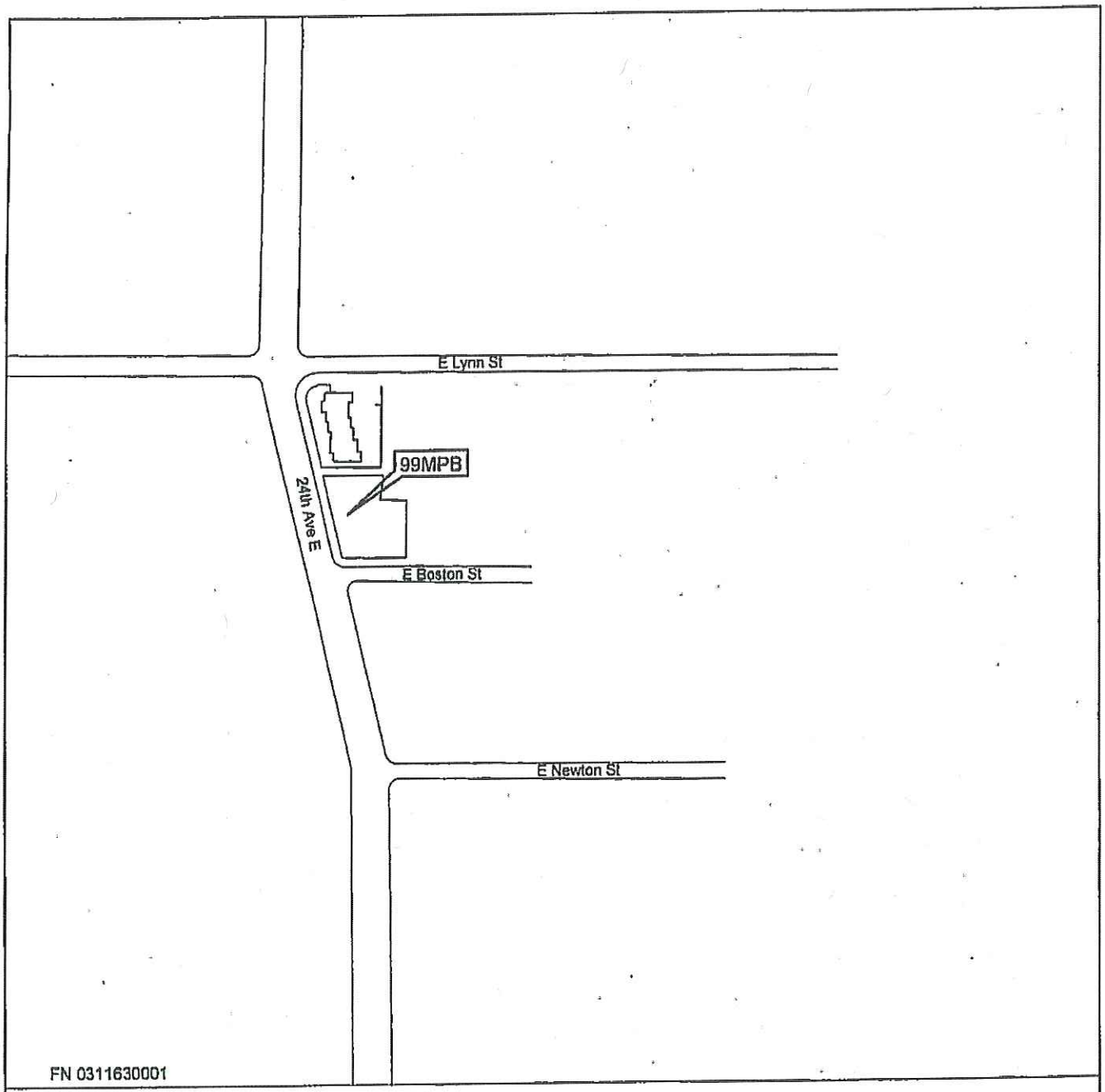
King County Department of Assessments (King County). March 17, 2016. *eReal Property.* http://blue.kingcounty.com/Assessor/eRealProperty/default.aspx. Accessed October 25, 2016.

King County Department of Transportation (King County DOT). August 12, 2014. *Rectifier Easement, 2200 Boston/Former Mobil Station 99 – MPB Property, 2200 24th Ave. E., Seattle, WA 98112.*

Instrument Number: 20190628000390 Document:COV Rec: $129.00 Page-23 of 31
Record Date:6/28/2019 10:04 AM King County, WA

12 Acronym List

µg/L	Micrograms per liter
µs	Microsiemens
1,2-DCA	1,2-dichloroethane
acfm	Actual cubic feet per minute
AS	Air sparge
bgs	Below ground surface
BTEX	Benzene, toluene, ethylbenzene, and total xylenes
CEQA	California Environmental Quality Act
cfm	Cubic feet per minute
COC	Chain of Custody
CPT	Cone Penetration (Penetrometer) Test
DIPE	Di-isopropyl ether
DO	Dissolved oxygen
DOT	Department of Transportation
DPE	Dual-phase extraction
DTW	Depth to water
EDB	1,2-dibromoethane
EDC	1,2-dichloroethane
EPA	Environmental Protection Agency
ESL	Environmental screening level
ETBE	Ethyl tertiary butyl ether
FID	Flame-ionization detector
fpm	Feet per minute
GAC	Granular activated carbon
gpd	Gallons per day
gpm	Gallons per minute
GWPTS	Groundwater pump and treat system
HVOC	Halogenated volatile organic compound
J	Estimated value between MDL and PQL (RL)
LEL	Lower explosive limit
LPC	Liquid-phase carbon
LRP	Liquid-ring pump
LUFT	Leaking underground fuel tank
LUST	Leaking underground storage tank
MCL	Maximum contaminant level
MDL	Method detection limit
mg/kg	Milligrams per kilogram
mg/L	Milligrams per liter
mg/m^3	Milligrams per cubic meter
MPE	Multi-phase extraction
MRL	Method reporting limit
msl	Mean sea level
MTBE	Methyl tertiary butyl ether
MTCA	Model Toxics Control Act
NAI	Natural attenuation indicators
NAPL	Non-aqueous phase liquid
NEPA	National Environmental Policy Act
NGVD	National Geodetic Vertical Datum
NPDES	National Pollutant Discharge Elimination System
O&M	Operations and Maintenance
ORP	Oxidation-reduction potential
OSHA	Occupational Safety and Health Administration
OVA	Organic vapor analyzer
P&ID	Process & Instrumentation Diagram
PAH	Polycyclic aromatic hydrocarbon
PCB	Polychlorinated biphenyl
PCE	Tetrachloroethene or perchloroethylene
PID	Photo-ionization detector
PLC	Programmable logic control
POTW	Publicly owned treatment works
ppmv	Parts per million by volume
PQL	Practical quantitation limit
psi	Pounds per square inch
PVC	Polyvinyl chloride
QA/QC	Quality assurance/quality control
RBSL	Risk-based screening levels
RCRA	Resource Conservation and Recovery Act
RL	Reporting limit
scfm	Standard cubic feet per minute
SSTL	Site-specific target level
STLC	Soluble threshold limit concentration
SVE	Soil vapor extraction
SVOC	Semivolatile organic compound
TAME	Tertiary amyl methyl ether
TBA	Tertiary butyl alcohol
TCE	Trichloroethene
TOC	Top of well casing elevation; datum is msl
TOG	Total oil and grease
TPHd	Total hydrocarbons as diesel
TPHg	Total hydrocarbons as gasoline
TPHmo	Total hydrocarbons as motor oil
TPHs	Total hydrocarbons as stoddard solvent
TRPH	Total recoverable hydrocarbons
UCL	Upper confidence level
USCS	Unified Soil Classification System
USGS	United States Geologic Survey
UST	Underground storage tank
VCP	Voluntary Cleanup Program
VOC	Volatile organic compound
VPC	Vapor-phase carbon



N

APPROXIMATE SCALE

0 250 500 feet

SOURCE:
Modified from a map provided by DeLorme 3-D TopoQuads

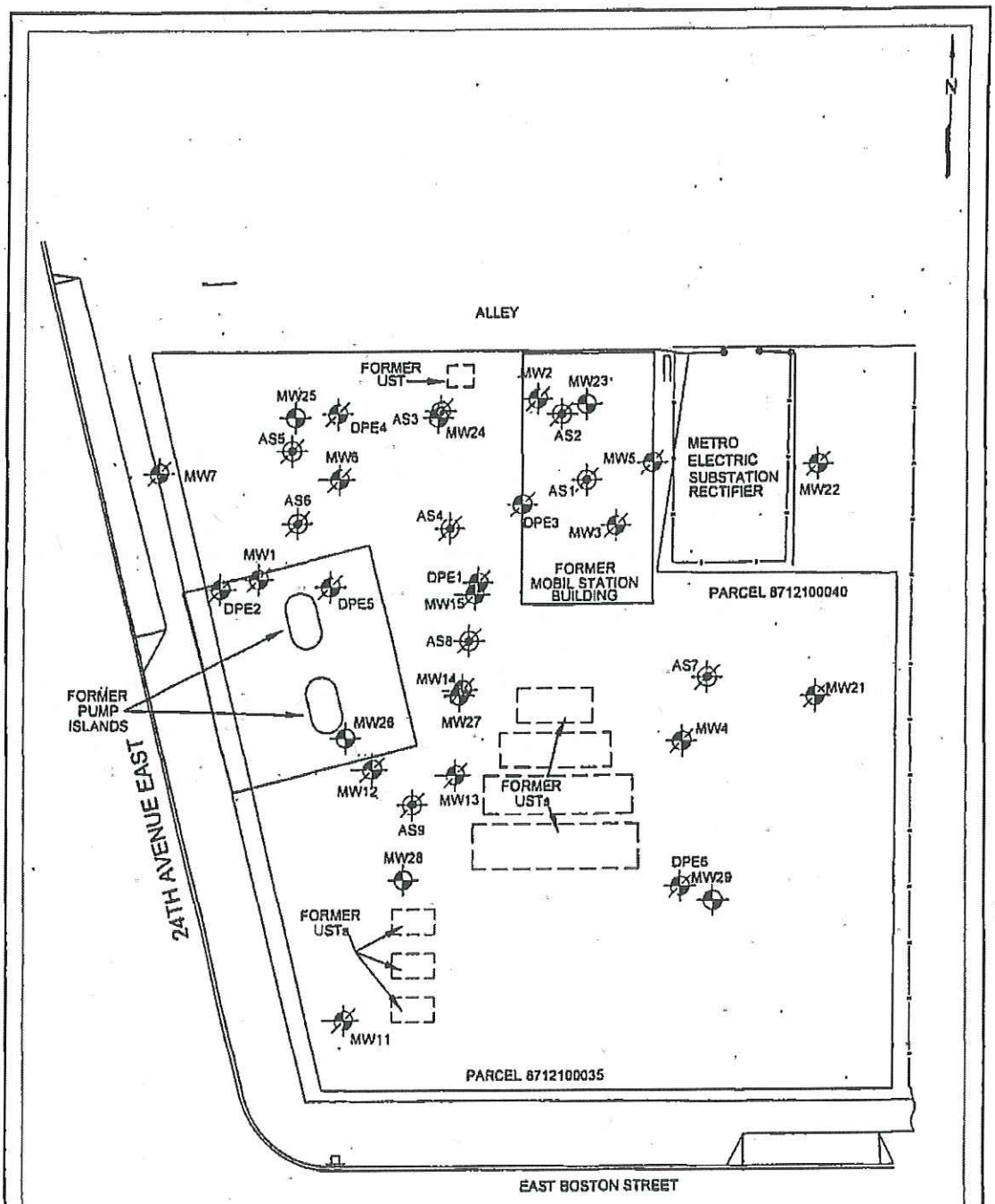
Cardno

SITE LOCATION MAP

FORMER MOBIL STATION 99MPB
2200 24th Avenue East
Seattle, Washington

PROJECT NO.
031163

PLATE
1
LEC: 05/02/18



NOTE: Select site features and monitoring wells located off of Former Mobil Station 99MPB have been omitted from this map. Refer to Plate 2 for a comprehensive site map.

SOURCE: Modified from a map provided by ExxonMobil Oil Corporation

APPROXIMATE SCALE
0 15 30 Feet

FN 0311630002

Cardno	GENERALIZED SITE PLAN & MONITORING WELL LOCATION MAP FORMER MOBIL STATION 99MPB 2200 24th Avenue East Seattle, Washington	EXPLANATION MW27 Confirmational Monitoring Well MW29 Groundwater Monitoring Well	031163 PLATE 2

Instrument Number: 20190628000390 Document:COV Rec: $129.00 Page-26 of 31
Record Date:6/28/2019 10:04 AM King County, WA

Former Mobil Station 99MPB
Cardno 03116309.R32

APPENDIX A
EXAMPLE FIELD DATA LOGS

FIELD LOG
DEPTH TO WATER RECORD

SITE: ExxonMobil 99MPB **CARDNO #:** 031163
LOCATION: 2200 24th Avenue East, Seattle, WA
FIELD CREW: **DATE:**

Well #	Time	DTNAPL (ft)	DTW (ft)	NAPL Thickness (ft)	DOW (ft)	Comments/Repairs

FIELD LOG
PURGING & SAMPLING RECORD AND WELL EQUIPMENT STATUS

SITE: ExxonMobil 99MPB **CARDNO#:** 031163
LOCATION: 2200 24th Avenue East, Seattle, WA
FIELD CREW: **DATE:** Low-Flow Sampling

WELL #

TIME	DTW	PURGE VOLUME	Pump Rate (Q)	Temp	COND	pH	DO
hr:min	ft	mL	mL/min	deg C	µS/cm	unit	mg/L
				1 deg	3%	0.1	0.3
Comments:							
SW		1 gal = 3.79L					
Total Purge Volume		0 mL		0.00 gal			

Instrument Number: 20190628000390 Document:COV Rec: $129.00 Page-29 of 31
Record Date:6/28/2019 10:04 AM King County, WA

Former Mobil Station 99MPB
Cardno 03116309.R32

APPENDIX B
EXAMPLE CHAIN-OF-CUSTODY (COC) FORM

Instrument Number: 20190628000390 Document:COV Rec: $129.00 Page-30 of 31
Record Date:6/28/2019 10:04 AM King County, WA

eurofins | Calscience

7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 FAX: (714) 894-7501

Site Name	Former Mobil Station 99MPB
Provide MRN for Retail or AFE for major projects	
Retail Project (MRN)	
Major Project (AFE)	
Project Name	ExxonMobil 99MPB / Cardno 031163.

CHAIN OF CUSTODY RECORD

DATE:
PAGE: 1 OF 1

ExxonMobil Engr:

LABORATORY CLIENT: Cardno	GLOBAL ID # (COELT EDD CODE): US - 0311032017; US-A2604415
ADDRESS: 801 Second Avenue, Suite 1150	PROJECT CONTACT:
CITY: Seattle, WA 98104	SAMPLER(S):
TEL: 206 510 5855 FAX: 206-269-0098 robert.thompson@cardno.com	LAB USE ONLY
TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ 10 DAYS	COOLER RECEPT Temp = °C
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___	
SPECIAL INSTRUCTIONS: Required EDF EDD. All units in ppb.	

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Analyze In Accordance With EPA Method 8260B	CONTAINER TYPE

Relinquished by: (Signature)	Received by: (Signature)	Date, & Time:
Relinquished by: (Signature)	Received by: (Signature)	Date, & Time:
Relinquished by: (Signature)	Received by: (Signature)	Date, & Time:

COC\Former Mobil Station 99MPB - COC Template

Cardno is an ASX-200 professional infrastructure and environmental services company, with expertise in the development and improvement of physical and social infrastructure for communities around the world. Cardno's team includes leading professionals who plan, design, manage, and deliver sustainable projects and community programs. Cardno is an international company listed on the Australian Securities Exchange [ASX:CDD].

Cardno Zero Harm

Cardno ZERO HARM EVERY JOB. EVERY DAY.

At Cardno, our primary concern is to develop and maintain safe and healthy conditions for anyone involved at our project worksites. We require full compliance with our Health and Safety Policy Manual and established work procedures and expect the same protocol from our subcontractors. We are committed to achieving our Zero Harm goal by continually improving our safety systems, education, and vigilance at the workplace and in the field. Safety is a Cardno core value and through strong leadership and active employee participation, we seek to implement and reinforce these leading actions on every job, every day.

Enclosure E

Letter from King County Dated October 24, 2019

October 24, 2019

RECEIVED
NOV 04 2019
DEPT OF ECOLOGY
TCP - NWRO

Heather Vick
Toxics Cleanup Program
Department of Ecology Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008

Re: 2200 Boston LLC Environmental Covenant

Dear Ms. Vick,

As you are aware, the site commonly known as Mobil Station 99MPB is the subject of a remedial action conducted under the Model Control Substances Act (MTCA) Voluntary Cleanup Program (VCP #NW2812). That site encompasses King County assessor's tax parcel nos. 8712100035 and 8712100040, which are currently owned by 2200 Boston, LLC (hereinafter the "2200 Boston Parcel"). On June 28, 2019, 2200 Boston, LLC granted to the Washington State Department of Ecology ("Ecology") a restrictive environmental covenant ("the Covenant") over the parcel. The Covenant was executed because residual contamination likely remains on the parcel after 2200 Boston LLC completed remedial actions there.

King County is the grantee of a permanent easement located on the 2200 Boston parcel, P.M. #250421-4-301, recorded on March 7, 1979 under King County Recorder's Office instrument No. 7903070818, as amended by instrument No. 20140326000820 (collectively, the "Easement"). A rectifier substation is located on the Easement. The rectifier substation serves numerous trolley routes operated by King County Metro. Without the rectifier substation, a large portion of King County Metro's trolley bus system would be unable to operate. To Metro's knowledge, the soil directly beneath the concrete pad that supports and isolates this rectifier substation was not remediated by 2200 Boston LLC as part of its cleanup of the 2200 Boston Parcel.

Consistent with RCW 64.70.080(4)(a), the Covenant executed between Ecology and 2200 Boston, LLC does not affect King County's pre-existing Easement, which has priority over the Covenant under the law. Ecology subsequently issued a No Further Action Opinion July 29, 2019, conditioned on King County subordinating its interest in the Easement to the Covenant. King County has not subordinated its Easement to the Covenant. However, King County recognizes that: (1) the existing concrete pad under the rectifier substation prevents precipitation from infiltrating into the subsurface; and (2) it is possible that removal of, or significant damage to, the concrete pad could allow precipitation to infiltrate into any contaminated soil that may exist below. Given this, and with the understanding Ecology will rescind the 7/29/19 No Further Action determination and issue a new No Further Action Opinion upon receipt of this letter without King County's subordination to the Covenant, King County commits to undertake the following:

1. King County will facilitate Ecology's access to the Easement area for purposes of evaluating the effectiveness of the Covenant and any associated remedial actions, provided

that Ecology notifies King County not less than ten (10) days in advance of the need for such access. Ecology may request access to the Easement area by contacting the Metro Transit Real Estate, Land Use, and Environmental Planning Section at 206-477-5925.

2. King County will notify Ecology at least ten (10) days prior to any planned maintenance activity requiring a significant breach of the concrete pad (e.g. any activity that would require drilling all the way through the pad from the surface to the soil below; drilling or coring any hole four inches (4") or greater in diameter; any intrusion into the involving use of a jackhammer, excavator, or other drilling, digging, or demolition equipment greater than power hand tools, etc.; or that would require the County to dig deeper than three (3) feet below the surface). If Ecology does not respond within the ten-day notice period, then King County will carry out the planned maintenance work as scheduled.

3. If emergency repair or replacement work to the concrete pad is needed, then King County will perform the work and notify Ecology within three (3) business days, describing the nature of the work performed.

4. If King County discovers any significant damage to the concrete pad (e.g. a crack that penetrates the full thickness of the pad, from surface to the soil below; other structural failure of the pad; subsidence of the soil below the pad that places the pad at risk of failure, etc.), then the County will report it to Ecology within three (3) business days. So long as King County retains the Easement, and unless the County submits an alternative plan to Ecology in writing, King County will promptly repair such damage to the concrete pad and report the work to Ecology with supporting documentation within thirty (30) days of completing the repairs.

The County intends these measures to give Ecology confidence that King County will act in a manner consistent with the goals of the Covenant.

Sincerely,

DANIEL T. SATTERBERG
King County Prosecuting Attorney

By: _____
Erin B. Jackson, WSBA # 49627
Deputy Prosecuting Attorney
Attorney for King County
516 Third Avenue, KCC-PA-W400
Seattle, Washington 98104
Telephone: 206 296 0430
Email: Erin.Jackson@kingcounty.gov

VALUE, QUALITY, RESPONSE

Southern California
Northern California
Pacific Northwest
Southwest
Texas
Montana

August 1, 2007
ERI 31163.12.R11

Mr. Timothy M. Strawn, PG, CHG, LHG
ExxonMobil Oil Corporation
4580 Klahanie Drive Southeast
PMB 507
Issaquah, Washington 98029

Subject: Soil Assessment and Underground Storage Tank Removal Report, Former Mobil Station 99-MPB, 2200 24th Avenue East, Seattle, Washington

Dear Mr. Strawn:

In accordance with your request, Environmental Resolutions, Inc. (ERI) has prepared this report presenting the results of soil assessment and underground storage tank (UST) decommissioning and removal activities at the subject site. Drilling and UST removal services were provided by Cascade Drilling, Inc. (Cascade) of Woodinville, Washington, and Custom Backhoe and Dumptruck, Inc. of Bellevue, Washington, respectively. The investigation was conducted in preparation for planned excavation to be conducted by the current property owner to allow construction of a new building with underground parking.

BACKGROUND

Site Description

The site is located at the northeast corner of 24th Avenue East and East Boston Street in Seattle, Washington, as shown on the Site Location Map (Plate 1). The site is currently vacant and unpaved. Prior to demolition, the site was previously occupied by a two-story professional building and two paved parking lots. The site is in a primarily residential area. An electric substation remains on the northeastern portion of the property. The locations of the former station building, former USTs and dispenser islands, and other select site features are shown on the Generalized Site Plan (Plate 2).

The site was formerly the location of a Mobil gasoline service station for an unknown period of time prior to 1969. At an unspecified date between 1969 and 1977, the property was reportedly vacated (including

the removal of UST's and dispenser islands) and remained vacant until 1981. The site is currently owned by Community Birth and Health, LLP.

Previous Investigations

Previous investigations have included installation of seven groundwater monitoring wells (MW1 through MW7), seven air sparge wells (AS1 through AS7), one recovery well (RW1) and six dual phase extraction wells (DPE1 through DPE6) on site. Additionally, three groundwater monitoring wells, MW8 through MW10, are located off site immediately to the north. Records indicate that groundwater monitoring wells MW1 through MW7 were installed on unspecified dates in 1992, 1993, and 1995, however no boring logs, field notes, or soil analytical data are available. A well installation report for MW8 indicates the well was installed on July 23, 1996. There is no boring log or well installation report available to indicate the installation date, lithologic conditions and construction details of recovery well RW1. Records also indicate that soil borings were advanced during at least three separate events, however no dates, field notes, boring logs or analytical data are available from these activities.

On May 10, 2003, ERI personnel visited the site to observe the drilling and installation of groundwater monitoring wells MW9 and MW10, advanced to depths of approximately 20 feet below ground surface (bgs). Laboratory results indicate that none of the soil samples collected during drilling contained any hydrocarbon concentrations exceeding the Model Toxics Control Act (MTCA) Method A Cleanup Levels. Results of the investigation are presented in the Groundwater Monitoring Well Installation report prepared by ERI dated July 31, 2003.

On August 9, 2003, ERI personnel visited the site to observe drilling and installation of seven air sparge wells (AS1 through AS7) and six dual phase extraction wells (DPE1 through DPE6). Laboratory results indicate that soil samples collected during drilling contained hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels in AS4, AS6, DPE1 and DPE2. Results of the investigation are presented in the Air Sparge and Dual Phase Extraction Well Installation report prepared by ERI, dated September 23, 2003.

In January 2006, ERI personnel visited the site to observe drilling and installation of five vapor monitoring points located in the alley off site to the north. Vapor monitoring points were installed to evaluate potential vapor intrusion into the adjacent building to the north. Results of the vapor monitoring point installation investigation are presented in the Vapor Monitoring Point Installation Report prepared by ERI, dated March 27, 2006.

Groundwater monitoring data are available from September 1992 to the present. The groundwater gradient direction has typically been to the northeast, shifting occasionally to the northwest. Data indicate that concentrations of total petroleum hydrocarbons as gasoline (TPH-G), and benzene, toluene, ethylbenzene, and total xylenes (BTEX) have historically exceeded the Model MTCA Method A Cleanup Levels in monitoring wells MW1, MW2, MW4 through MW6, recovery well RW1 and dual phase extraction wells DPE1 through DPE5. Liquid petroleum hydrocarbons (LPH) have historically been detected in monitoring wells MW1, MW2, MW3, MW6, MW10, and in dual phase extraction wells DPE1 through DPE5. Locations of former monitoring, dual-phase extraction, and recovery wells are shown on the Former Well Locations (Plate 3).

During 2006, a combined soil and groundwater remediation system was installed to recover hydrocarbons from soil and groundwater beneath the site. In March 2007, the former remediation system equipment, compound, and associated wells were removed in anticipation of planned excavation and new site construction by the property owner.

CURRENT INVESTIGATON

UST Decommissioning and Removal

On May 31, 2007, ERI personnel visited the site to observe decommissioning and removal of three unregulated 750-gallon USTs from the western portion of the site. Prior to removal, a geophysical survey was conducted to confirm the number and locations of USTs. A copy of the geophysical survey report, prepared by Geo-Recon International, is attached.

Prior to removal, the contents of the USTs were removed and the tanks rinsed and inerted. Fluid contents and rinsate were subsequently collected using a vacuum truck and transported off site for treatment. Solids within the USTs were temporarily stored on plastic and subsequently transported off site for disposal. Prior to transport and disposal, samples of the fluids and solids were collected and submitted for laboratory analysis required for disposal profiling.

Following removal, UST ownership was transferred to the UST decommissioning contractor and the tanks were then transported off site for destruction. Soil samples were subsequently collected from beneath the USTs and submitted for laboratory analysis. Samples were collected in laboratory-supplied glass containers with Teflon lids, and placed into an iced cooler pending transport to the laboratory. A copy of the UST Bill of Sale document is attached.

Drilling and Soil Sampling

Between June 4 and 7, 2007, ERI personnel visited the site to observe advancement of 38 soil borings and collection of soil samples to evaluate the condition of soil beneath the site. Soil borings were initially advanced using 1.5-inch-diameter direct-push equipment with four foot acetate liners and samples collected continuously to total depths ranging between approximately eight and 22.5 feet bgs. Prior to advancement of direct-push equipment, borings outside the footprint of the former building were cleared to approximately eight feet bgs using air knife and hand auger equipment and samples collected for laboratory analysis. Due to refusal of direct-push equipment, select boring locations were subsequently re-drilled using hollow stem auger equipment and samples collected with a three-inch-diameter split spoon sampler driven with a 300-pound (lbs) hammer. Following drilling, borings were completed with bentonite from total depth to the surface. Soil boring locations are shown on the Geoprobe Location Map (Plate 4).

For each sampling interval, soil within the acetate liner or split spoon sampler was examined by an ERI geologist and screened for the presence of volatile organic compounds (VOC) using a photoionization detector (PID). Select portions of the sampling interval exhibiting the greatest PID readings were then collected for laboratory analysis. Samples were collected in laboratory-supplied glass containers with Teflon lids, placed into an iced cooler pending transport to the laboratory. The remaining soil was used to field-classify the samples according to the Unified Soil Classification System (USCS). A copy of the USCS chart is attached.

Soil sampling equipment was cleaned between borings using a mild detergent solution to reduce the probability of cross-contamination. Soil cuttings and decontamination rinsate were placed in Department of Transport (DOT) approved 55-gallon drums and temporarily stored on site pending transport and disposal.

Soil encountered during drilling generally consisted of an upper layer of clayey, silty, and sandy fill material with varying moisture content from the surface to approximately three to eight feet bgs, underlain by damp to moist native clayey silt with varying amounts of sand. Beneath the clayey silt, a very fine- to medium-grained sand with few fines was encountered in some locations and extended to depths ranging between approximately eleven and twenty-two feet where it was underlain by dense, dry to moist silty clay to clayey silt with varying amounts of very-fine to fine-grained sand. At other locations, the sand unit was not encountered. These borings were typically located at the eastern portion of the site. Groundwater was encountered approximately 8 to10 feet bgs. Descriptions of materials encountered during drilling and PID readings are provided on the attached boring logs. A schematic diagram depicting the location of the sand body is shown on Lithologic Schematic Diagram (Plate 5).

Laboratory Analysis and Results

Soil samples collected from each boring and from beneath the USTs were transported to the TestAmerica Testing Corporation laboratory in Nashville, Tennessee and analyzed for TPH-G using Washington State Department of Ecology (Ecology) Method NWTPH-Gx, BTEX using EPA Method 8021B, total petroleum hydrocarbons as diesel (TPH-D) and as oil (TPH-O) using Ecology Method NWTPH-D (extended), and total lead using EPA Method 6010B.

Laboratory results indicate the soil samples contained TPH-G, TPH-D, and TPH-O concentrations up to 9,430 parts per million (ppm), 615 ppm, and 2,200 ppm, respectively. Concentrations of benzene, ethylbenze, and total xylenes up to 28.0 ppm, 141 ppm, and 592 ppm, respectively, were also detected. Total lead concentrations ranged from below the laboratory method reporting limit up to 8.32 ppm. Toluene concentrations were not detected. Laboratory results are shown on Table 1. Copies of the laboratory reports and chain of custody documentation are attached.

Disposal profile samples collected from the contents of the USTs were transported to the Calscience Environmental Laboratories, Inc. laboratory in Garden Grove, California, and analyzed for priority pollutant metals using EPA Method 6010B/7471A, and polycyclic aromatic hydrocarbons and volatile organic compounds using EPA Methods 8270C and 8260B. Laboratory results are shown on the attached laboratory reports.

Waste Disposal

Approximately 1,164 gallons of UST fluid and rinsate were transported to the Romic Environmental (Romic) facility in East Palo Alto, California for treatment and disposal. A copy of the Uniform Hazardous Waste Manifest and the Certificate of Disposal from Romic is attached.

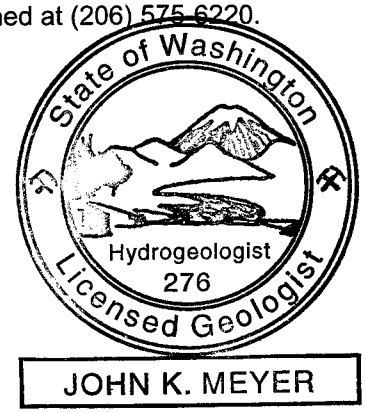
Approximately 90.68 tons of soil removed during UST removal and soil boring activities was transported to the Regional Disposal Company (Rabanco) transfer facility in Seattle, Washington and subsequently disposed at the Roosevelt Regional Landfill, in Roosevelt, Washington. A copy of the Certificate of Disposal from Rabanco is attached.

Approximately 110 gallons of decontamination rinsate were treated with activated carbon and discharged on site.

Limitations

The soil boring, sampling, and well installation activities were conducted in accordance with generally accepted standards of environmental practice at the time performed. This investigation was conducted solely for the purpose of evaluating environmental conditions. No soil engineering or technical implications are stated or should be inferred. The evaluation of geologic conditions at the site for the purpose of this investigation is made from a limited number of observation points. Subsurface conditions may vary from the data points available.

ERI appreciates the opportunity provide assistance on this project. If you have any questions please call the undersigned at (206) 575-6220.



Sincerely,
Environmental Resolutions, Inc.

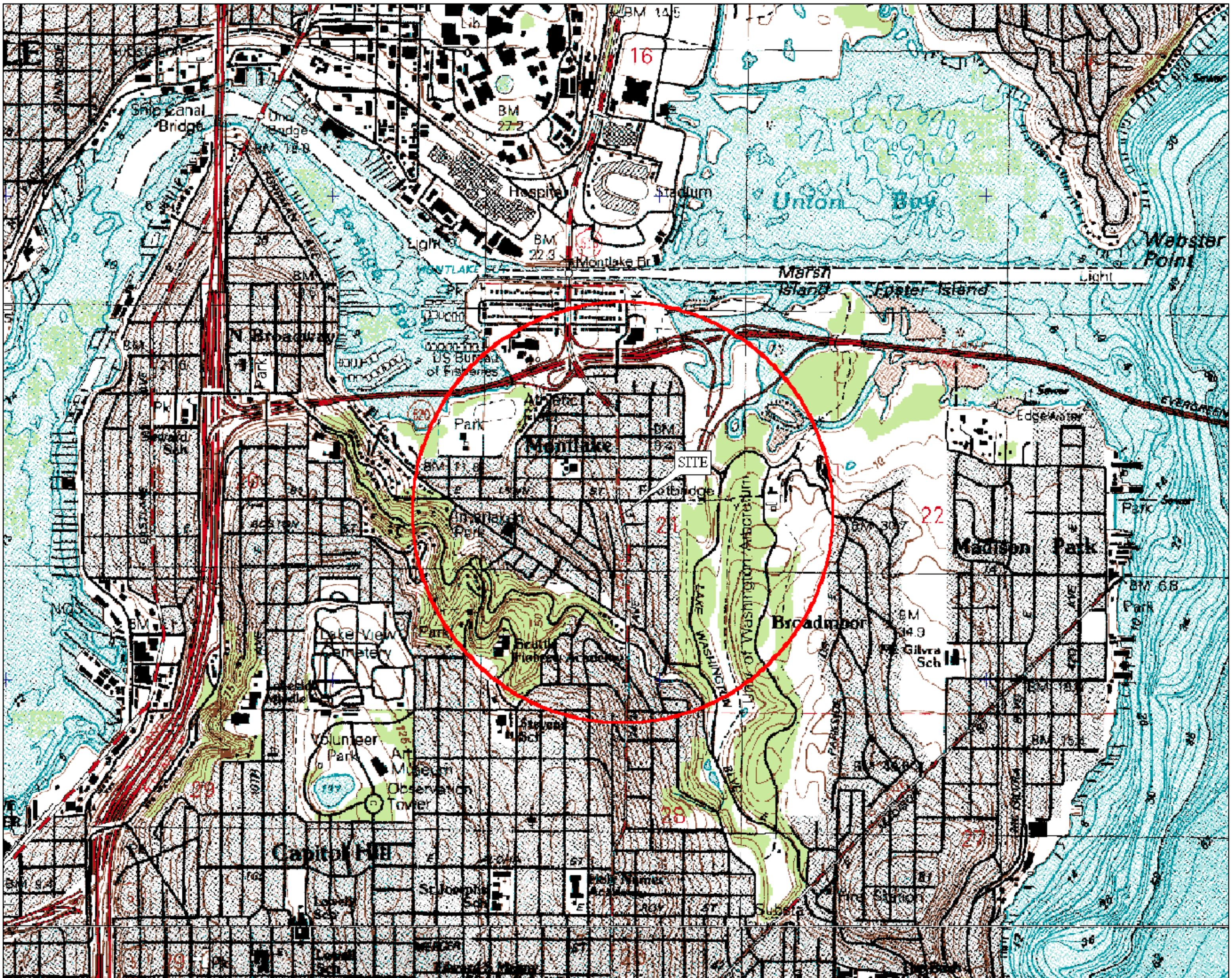
John K. Meyer, R.G., L.HG.
Branch Manager

Attachments:
Plate 1: Site Location Map
Plate 2: Generalized Site Plan
Plate 3: Former Well Locations
Plate 4: Geoprobe Location Map
Plate 5: Lithologic Schematic Diagram

Table 1: Soil Sample Analytical Results

Unified Soil Classification System Chart
Boring Logs
Laboratory Reports and Chain of Custody Documentation
Geophysical Survey Report
Bill of Sale
Certificates of Disposal

cc: Mr. Joe Hickey, Washington State Department of Ecology
Ms. Leslie Nellermoe, HellerErhman LLP



3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS

544 ft Scale: 1 : 19,200 Detail: 13-0 Datum: NAD27

FN 31163.03.R11.0001

EXPLANATION

1/2-mile radius circle

N

APPROXIMATE SCALE

0 0.5 1 mile

SOURCE:
Modified from a map
provided by
DeLorme 3-D TopoQuads

ERI
VALUE, QUALITY, RESPONSE

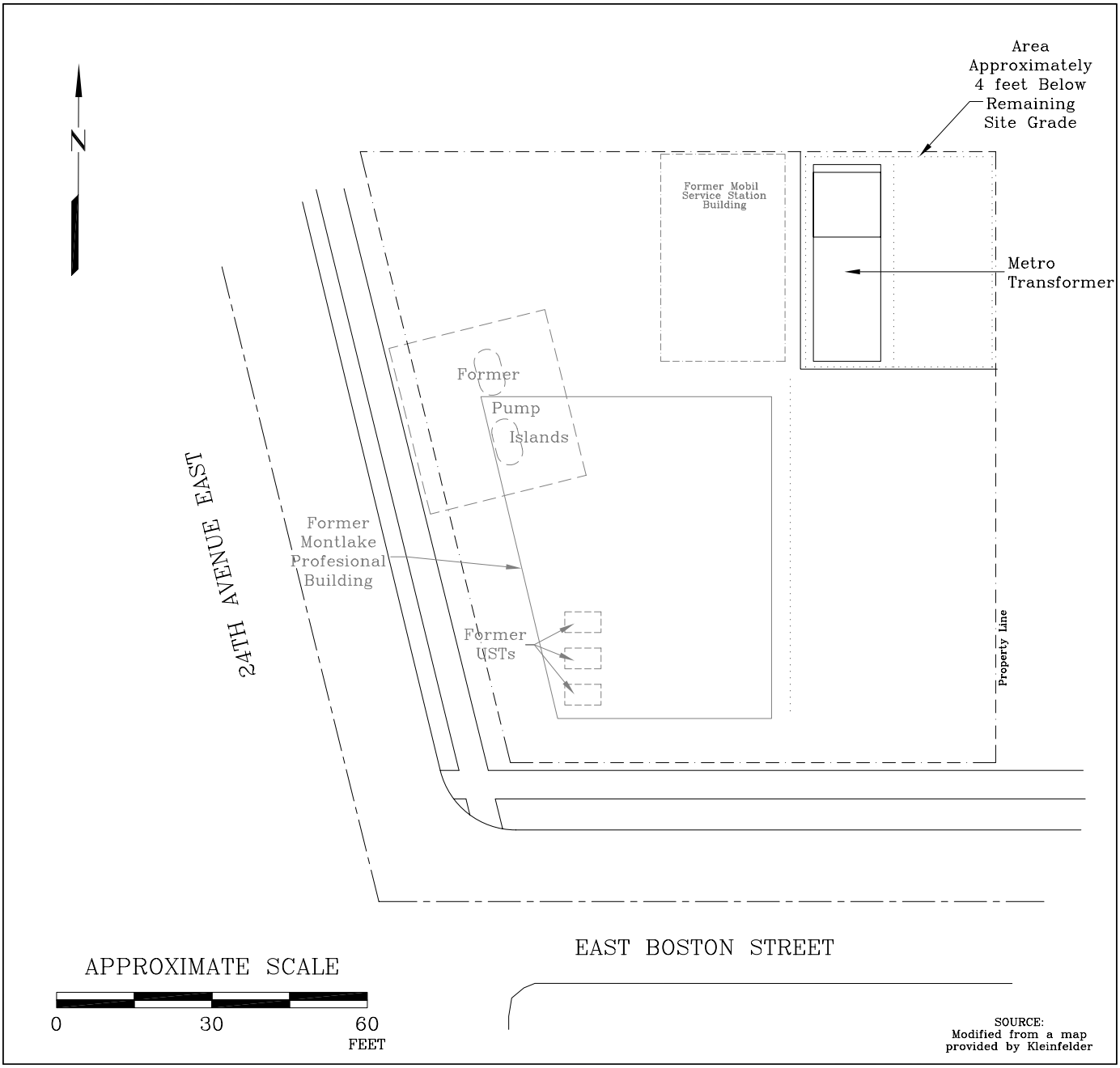
SITE LOCATION MAP

FORMER MOBIL STATION 99-MPB
2200 24th Avenue East
Seattle, Washington

PROJECT NO.
31163

PLATE
1

ASG: 07/26/07



FN 31163.03.R11.0002

EXPLANATION

VALUE, QUALITY, RESPONSE

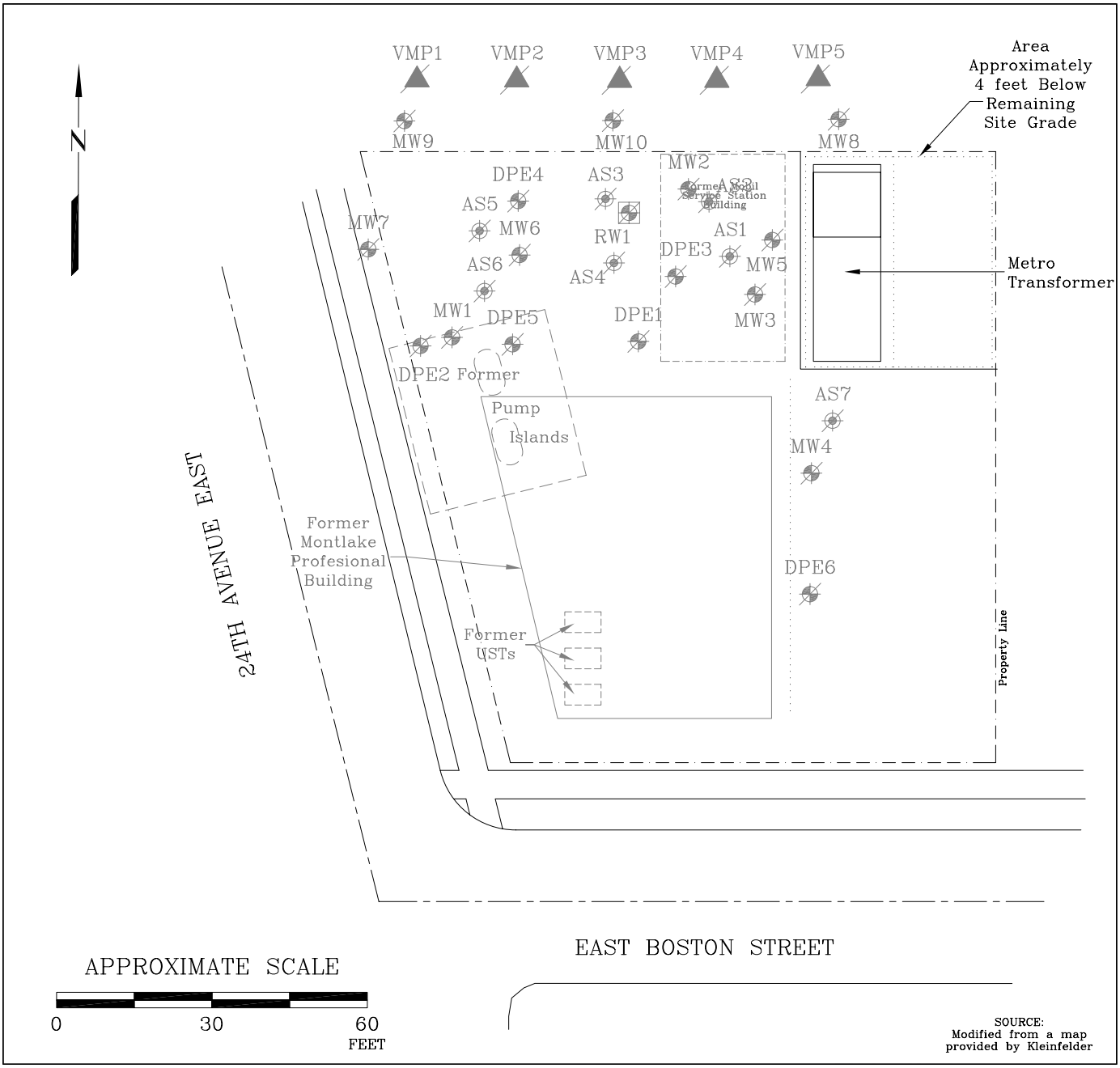
GENERALIZED SITE PLAN

FORMER MOBIL STATION 99-MPB
2200 24th Avenue East
Seattle, Washington

PROJECT NO.
31163

PLATE
2

ASG: 07/26/07



FN 31163.03.R11.0002

EXPLANATION

MW10/DPE1 — Former Groundwater Monitoring Well

RW1 — Former Groundwater Recovery Well

AS7 — Former Air Sparging Well

VMP5 — Former Vapour Monitoring Point

ERI
VALUE, QUALITY, RESPONSE

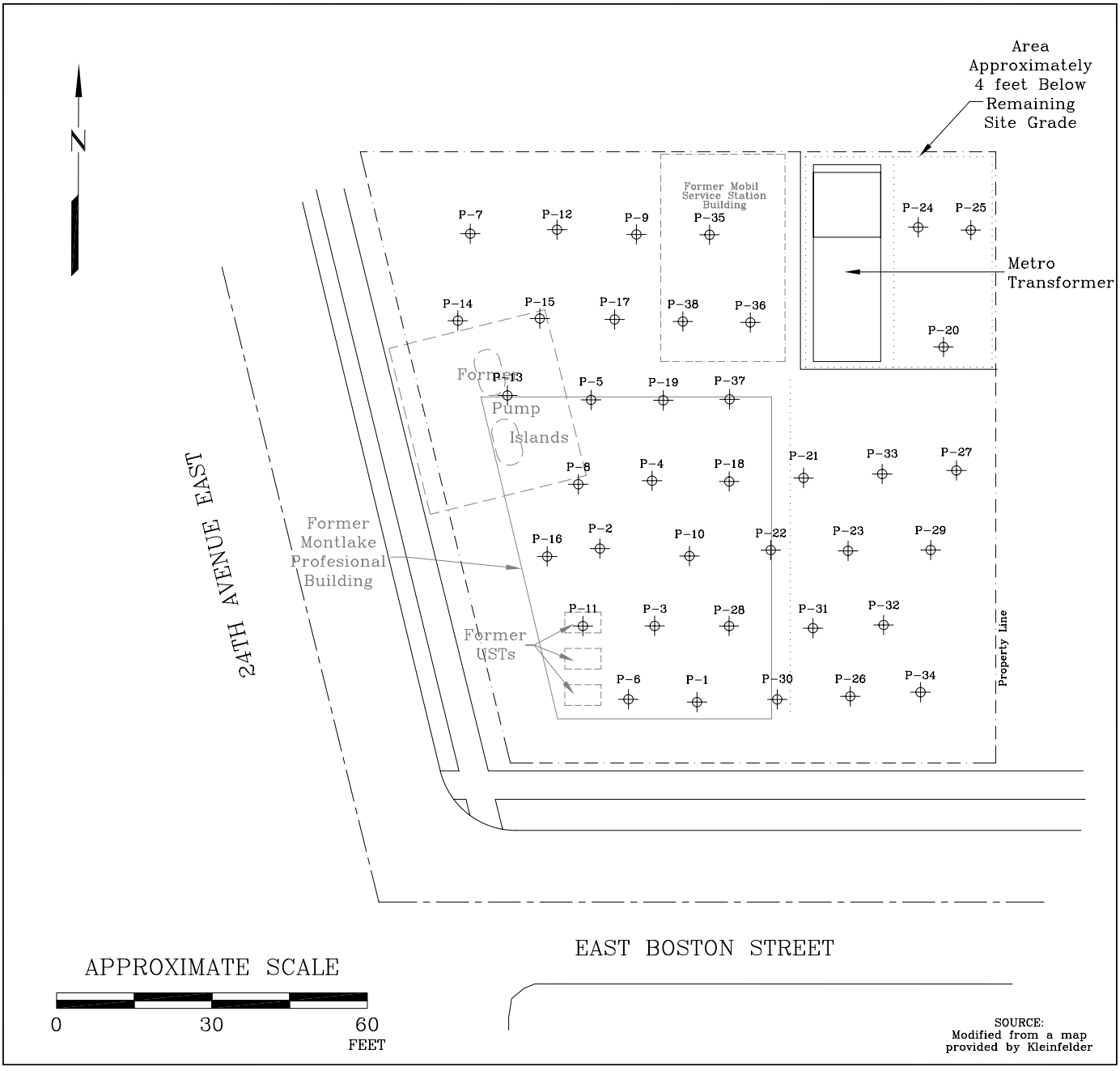
FORMER WELL LOCATIONS

FORMER MOBIL STATION 99-MPB
2200 24th Avenue East
Seattle, Washington

PROJECT NO. 31163

PLATE 3

ASG: 07/11/07



FN 31163.03.R11.0002

EXPLANATION

P-38 Geoprobe Locations

Geoprobe

VALUE, QUALITY, RESPONSE

GEOPROBE LOCATION MAP

FORMER MOBIL STATION 99-MPB
2200 24th Avenue East
Seattle, Washington

PROJECT NO. 31163

PLATE 4

ASG: 07/26/07



FN 31163.03.R11.0002

EXPLANATION

P-38 Geoprobe Locations

Geoprobe

9 Sand Layer Thickness in feet

Silt and Clay

Upper fill layer removed for clarity.

Sand Thickness

1-4 feet

5-8 feet

9-12 feet

LITHOLOGIC SCHEMATIC DIAGRAM

FORMER MOBIL STATION 99-MPB
2200 24th Avenue East
Seattle, Washington

ERI
VALUE, QUALITY, RESPONSE

PROJECT NO. 31163

PLATE 5

ASG: 07/26/07

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
2200 24th Avenue East
Seattle, Washington

Sample Name	Sample Date	Sample Depth	TPH-G	TPH-D	TPH-O	B	T	E	X	Total Pb
UST Investigation Samples										
UST1	05/31/07	6.0	<6.72	<5.40	<5.40	<0.0336	<0.0672	<0.0672	<0.202	7.73
UST2	05/31/07	6.0	<6.81	<5.30	<5.30	<0.0340	<0.0681	<0.0681	<0.204	8.14
UST3	05/31/07	6.0	<6.61	<5.26	5.72	<0.0330	<0.0661	<0.0661	<0.198	8.32
Geoprobe Assessment Samples										
S-P1-5	06/04/07	5.0	<5.33	<5.08	<5.08	<0.0267	<0.0533	<0.0533	<0.160	--
S-P1-8	06/04/07	8.0	<4.95	<4.51	<4.51	<0.0248	<0.0495	<0.0495	<0.149	--
S-P1-15	06/04/07	15.0	<5.00	<4.91	<4.91	<0.0250	<0.0500	<0.0500	<0.150	1.76
S-P2-5	06/04/07	5.0	<6.35	<5.46	<5.46	<0.0318	<0.0635	<0.0635	<0.191	--
S-P2-11	06/04/07	11.0	**184**	9.63	<5.43	**0.758**	0.445	1.29	0.435	--
S-P2-16	06/04/07	16.0	<4.83	<4.45	<4.45	<0.0241	<0.0483	<0.0483	<0.145	2.16
S-P3-5	06/04/07	5.0	<5.33	<5.02	<5.02	<0.0267	<0.0533	<0.0533	<0.160	--
S-P3-9	06/05/07	9.0	**9,430**	<5.62	<5.62	**28.0**	19.6	**58.5**	**20.2**	--
S-P3-13	06/05/07	13.0	5.40	<4.50	<4.50	<0.0251	<0.0502	<0.0502	<0.151	2.21
S-P4-5	06/04/07	5.0	<6.05	<5.71	<5.71	<0.0303	<0.0605	<0.0605	<0.182	--
S-P4-8	06/04/07	8.0	**102**	<5.16	<5.16	0.234	0.191	0.211	<0.177	--
S-P4-11	06/05/07	11.0	<4.28	<4.26	<4.26	<0.0214	<0.0428	<0.0428	<0.128	--
S-P4-18	06/05/07	18.0	10.3	<4.30	5.54	0.152	0.0458	0.146	<0.125	1.30
S-P5-5	06/04/07	5.0	62.5	**200**	**690**	<0.0247	<0.0493	<0.0493	<0.148	--
S-P5-11	06/05/07	11.0	**124**	<4.40	<4.40	0.454	0.253	0.670	1.72	--
S-P5-19	06/05/07	19.0	4.92	<4.54	<4.54	<0.0235	<0.0471	<0.0471	<0.141	<1.11
S-P6-5	06/05/07	5.0	<5.18	<4.71	6.79	<0.0259	<0.0518	<0.0518	<0.155	--
S-P6-11	06/05/07	11.0	<4.61	<4.34	<4.34	<0.0231	<0.0461	<0.0461	<0.138	1.68
S-P7-5	06/05/07	5.0	<6.66	<4.64	5.12	<0.0333	<0.0666	<0.0666	<0.200	--
S-P7-11	06/05/07	11.0	**406**	<4.44	<4.44	0.127	<0.0514	0.317	<0.154	--
S-P7-14	06/05/07	14.0	**462**	<4.55	<4.55	0.485	<0.0448	0.380	0.662	--
S-P7-20	06/05/07	20.0	10.5	<4.50	<4.50	<0.0221	<0.0442	<0.0442	<0.133	--
S-P7-22	06/05/07	22.0	<5.10	<4.50	<4.50	<0.0255	<0.0510	<0.0510	<0.153	1.29
S-P7-22.5	06/08/07	22.5	<6.25	<4.46	<4.46	<0.0313	<0.0625	<0.0625	<0.188	5.14
S-P8-5	06/05/07	5.0	<6.93	<5.42	10.8	<0.0347	<0.0693	<0.0693	<0.208	--
MTCA Method A Cleanup Levels			100	200	200	0.5	40	20	20	250

Continued on page 2

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
2200 24th Avenue East
Seattle, Washington

Sample Name	Sample Date	Sample Depth	TPH-G	TPH-D	TPH-O	B	T	E	X	Total Pb
S-P8-11	06/05/07	11.0	**3,120**	30.4	9.29	**8.27**	5.68	16.1	**27.7**	--
S-P8-16	06/05/07	16.0	<4.26	<4.36	<4.36	<0.0213	<0.0426	<0.0426	<0.128	--
S-P8-18	06/05/07	18.0	<5.44	<4.24	<4.24	<0.0272	<0.0544	<0.0544	<0.163	2.05
S-P9-5	06/05/07	5.0	<5.41	<4.85	5.40	<0.0270	<0.0541	<0.0541	<0.162	--
S-P9-12	06/05/07	12.0	**5,330**	11.7	<4.81	**11.1**	10.5	**34.5**	**84.4**	--
S-P9-20	06/05/07	20.0	24.9	<4.41	4.78	0.300	0.105	0.158	0.213	1.41
S-P9-21.5	06/08/07	21.5	8.95	<4.55	<4.55	**1.19**	0.0911	<0.0705	<0.211	3.44
S-P10-5	06/05/07	5.0	5.28	<4.42	51.6	<0.0233	<0.0466	<0.0466	<0.140	--
S-P10-11	06/05/07	11.0	**998**	32.4	9.84	**5.85**	4.43	10.9	8.58	--
S-P10-15	06/05/07	15.0	12.0	<4.43	7.33	<0.0206	<0.0413	<0.0413	<0.124	1.67
S-P11-5	06/05/07	5.0	29.4	<5.56	9.20	<0.0337	<0.0674	<0.0674	<0.202	--
S-P11-12	06/05/07	12.0	6.29	<4.32	8.86	<0.0232	<0.0464	<0.0464	<0.139	2.22
S-P12-5	06/05/07	5.0	<6.48	133	**2,200**	<0.0324	<0.0648	<0.0648	<0.194	--
S-P12-11	06/05/07	11.0	6.46	<5.55	<5.55	<0.0320	<0.0640	<0.0640	<0.192	--
S-P12-20	06/05/07	20.0	8.37	<4.44	5.96	0.0364	<0.0428	<0.0428	<0.128	1.35
S-P13-5	06/05/07	5.0	<6.84	<5.33	17.8	<0.0342	<0.0684	<0.0684	<0.205	11.9
S-P13-11	06/06/07	11.0	**3,980**	**267**	<21.5	**4.65**	4.90	11.3	7.10	--
S-P13-18	06/06/07	18.0	<4.23	<4.56	<4.56	<0.0211	<0.0423	<0.0423	<0.127	3.00
S-P13-20.5	06/08/07	20.5	7.50	<4.42	<4.42	0.254	0.0670	0.239	<0.160	3.95
S-P14-5	06/06/07	5.0	12.1	<4.50	<4.50	<0.0546	<0.0546	<0.0546	<0.164	--
S-P14-11	06/06/07	11.0	6.63	<4.42	<4.42	<0.0578	<0.0578	<0.0578	<0.176	--
S-P14-16	06/06/07	16.0	<4.38	<4.59	<4.59	<0.0438	<0.0438	<0.0438	<0.131	--
S-P14-20	06/06/07	20.0	<4.08	<4.31	<4.31	<0.0408	<0.0408	<0.0408	<0.122	2.15
S-P14-22	06/08/07	22.0	<5.38	<4.63	<4.63	<0.0269	<0.0538	<0.0538	<0.161	2.87
S-P15-5	06/06/07	5.0	<4.57	<4.63	10.6	<0.0457	<0.0457	<0.0457	<0.137	--
S-P15-11	06/06/07	11.0	10.0	52.1	<4.50	<0.0504	<0.0504	<0.0504	<0.151	--
S-P15-20	06/06/07	20.0	5.29	<4.44	<4.44	<0.0449	<0.0449	<0.0449	<0.135	2.33
S-P15-22	06/08/07	22.0	<5.61	<4.45	<4.45	<0.0280	<0.0561	<0.0561	<0.168	3.12
S-P16-5	06/06/07	5.0	<6.44	<5.38	<5.38	<0.0644	<0.0644	<0.0644	<0.193	--
S-P16-11	06/06/07	11.0	**2,540**	106	<4.73	**7.44**	7.02	**22.5**	**63.2**	--
S-P16-16	06/06/07	16.0	24.3	<4.34	<4.34	<0.0512	<0.0512	0.0598	0.154	2.96
MTCA Method A Cleanup Levels			100	200	200	0.5	40	20	20	250

Continued on page 3

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
2200 24th Avenue East
Seattle, Washington
Page 3 of 5

Sample Name	Sample Date	Sample Depth	TPH-G	TPH-D	TPH-O	B	T	E	X	Total Pb
S-P17-5	06/06/07	5.0	9.49	<6.22	15.5	<0.0750	<0.0750	<0.0750	<0.225	--
S-P17-12	06/06/07	12.0	36.2	<5.59	<5.59	0.126	0.107	0.182	0.274	--
S-P17-14	06/06/07	14.0	**5,750**	164	<4.69	**10.1**	25.5	**59.7**	**251**	--
S-P17-20	06/06/07	20.0	12.1	<4.54	<4.54	0.0366	0.0418	0.0796	0.224	2.80
S-P17-21	06/08/07	21.0	10.3	<4.37	<4.37	**1.72**	<0.0723	<0.0723	<0.217	3.22
S-P18-6	06/06/07	6.0	**304**	10.3	20.5	**0.800**	0.622	1.42	0.884	--
S-P18-11	06/06/07	11.0	**278**	39.6	5.81	0.187	<0.0479	1.26	1.40	4.59
S-P19-5	06/06/07	5.0	12.3	6.69	54.2	<0.0485	<0.0485	<0.0485	0.146	20.8
S-P19-10	06/08/07	10.0	**4,560**	**615**	<44.4	**35.8**	23.3	**62.9**	**194**	--
S-P19-20	06/08/07	20.0	20.2	<4.39	<4.39	0.0876	<0.0444	0.0912	0.166	2.74
S-P20-5	06/08/07	5.0	6.44	10.1	16.7	<0.0204	<0.0408	<0.0408	<0.122	--
S-P20-8	06/08/07	8.0	5.36	<4.50	<4.50	<0.0250	<0.0501	<0.0501	<0.150	2.27
S-P21-5	06/08/07	5.0	<7.23	<5.73	<5.73	<0.0362	<0.0723	<0.0723	<0.217	--
S-P21-12	06/08/07	12.0	<5.44	<4.47	<4.47	<0.0272	<0.0544	<0.0544	<0.163	2.34
S-P22-5	06/08/07	5.0	<7.26	<5.63	<5.63	<0.0363	<0.0726	<0.0726	<0.218	--
S-P22-10	06/08/07	10.0	**293**	5.64	5.05	**3.73**	2.38	<0.903	<2.71	--
S-P22-12	06/08/07	12.0	4.74	<4.33	<4.33	<0.0228	<0.0456	<0.0456	<0.137	1.72
S-P23-5	06/08/07	5.0	<7.46	<5.51	<5.51	<0.0373	<0.0746	<0.0746	<0.224	--
S-P23-10	06/08/07	12.0	<4.91	<4.43	<4.43	<0.0245	<0.0491	<0.0491	<0.147	--
S-P23-12	06/08/07	12.0	<4.58	<4.37	<4.37	<0.0229	<0.0458	<0.0458	<0.137	2.55
S-P24-5	06/08/07	5.0	<5.14	<4.53	<4.53	<0.0257	<0.0514	<0.0514	<0.154	--
S-P24-12	06/08/07	12.0	<4.75	<4.30	<4.30	<0.0238	<0.0475	<0.0475	<0.143	2.48
S-P25-5	06/08/07	5.0	<7.11	7.89	15.8	<0.0356	<0.0711	<0.0711	<0.213	--
S-P25-9	06/08/07	9.0	<5.39	<4.48	<4.48	<0.0270	<0.0539	<0.0539	<0.162	5.09
S-P26-5	06/08/07	5.0	<9.25	<5.53	<5.53	<0.0463	<0.0925	<0.0925	<0.278	--
S-P26-8	06/08/07	8.0	<5.62	<4.40	<4.40	<0.0281	<0.0562	<0.0562	<0.169	--
S-P26-12	06/08/07	12.0	<5.04	<4.30	<4.30	<0.0252	<0.0504	<0.0504	<0.151	2.15
S-P27-5	06/08/07	5.0	<4.98	<4.44	35.3	<0.0249	<0.0498	<0.0498	<0.150	12.7
S-P27-11	06/08/07	11.0	11.7	<4.41	<4.41	0.0731	<0.0597	<0.0597	<0.179	3.36
S-P28-5	06/08/07	5.0	9.17	<10.4	66.5	<0.0285	<0.0570	<0.0570	<0.171	--
S-P28-10	06/08/07	10.0	**407**	<4.69	5.28	0.0216	0.601	1.68	1.96	--
MTCA Method A Cleanup Levels			100	200	200	0.5	40	20	20	250

Continued on page 4

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
2200 24th Avenue East
Seattle, Washington

Sample Name	Sample Date	Sample Depth	TPH-G	TPH-D	TPH-O	B	T	E	X	Total Pb
S-P28-12	06/08/07	12.0	11.3	<4.88	<4.88	0.0881	<0.0651	<0.0651	<0.184	2.96
S-P29-5	06/08/07	5.0	5.18	17.3	51.9	<0.0255	<0.0510	<0.0510	<0.153	--
S-P29-10	06/08/07	10.0	4.73	4.21	4.29	<0.0224	<0.0448	<0.0448	<0.134	--
S-P29-12	06/08/07	12.0	10.9	<4.31	<4.31	0.101	<0.0488	<0.0488	<0.146	3.85
S-P30-5	06/08/07	5.0	5.00	<8.86	75.2	<0.0230	<0.0461	<0.0461	<0.138	--
S-P30-10	06/08/07	10.0	<5.13	<4.17	<4.17	<0.0256	<0.0513	<0.0513	<0.154	--
S-P30-12	06/08/07	12.0	16.2	<4.33	<4.33	0.217	0.0955	0.0699	<0.204	2.87
S-P31-5	06/08/07	5.0	<11.8	<5.96	18.6	<0.0592	<0.118	<0.118	<0.355	--
S-P31-9	06/08/07	9.0	13.4	<4.81	<4.81	0.0539	<0.0489	<0.0489	0.147	--
S-P31-12	06/08/07	12.0	5.21	<4.44	<4.44	0.0236	<0.0472	<0.0472	<0.142	2.41
S-P32-5	06/08/07	5.0	<7.83	<5.61	<5.61	<0.0392	<0.0783	<0.0783	<0.235	--
S-P32-10	06/08/07	10	16.7	<4.29	<4.29	0.159	<0.0472	<0.0472	<0.142	--
S-P32-12	06/08/07	12	7.23	<4.42	6.18	0.0454	<0.0505	<0.0505	<0.151	2.66
S-P33-5	06/08/07	5	<6.48	<5.78	<5.78	<0.0324	<0.0648	<0.0648	<0.194	--
S-P33-10	06/08/07	10	11.9	<4.34	<4.34	0.131	<0.0557	<0.0557	<0.167	2.73
S-P34-5	06/08/07	5	8.67	<5.35	<5.35	<0.0396	<0.0792	<0.0792	<0.238	--
S-P34-10	06/08/07	10	<4.83	<4.43	<4.43	<0.0241	<0.0483	<0.0483	<0.145	--
S-P34-12	06/08/07	12	8.24	<4.19	<4.19	<0.0315	<0.0631	<0.0631	<0.189	2.13
S-P35-6	06/08/07	6	24.9	<4.93	<4.93	0.330	0.0694	0.0745	<0.193	--
S-P35-10	06/08/07	10	5.92	<5.01	<5.01	<0.0288	<0.0576	<0.0576	<0.173	--
S-P35-11	06/08/07	11	**1,690**	<4.48	<4.48	<0.0230	6.03	**141**	**592**	--
S-P35-15	06/08/07	15	23.9	<4.49	<4.49	0.185	0.184	0.294	1.25	--
S-P35-18	06/08/07	18	41.9	<4.47	<4.47	**0.673**	0.0758	1.09	1.66	3.84
S-P36-5	06/08/07	5.0	<6.65	<5.03	5.53	<0.0332	<0.0665	<0.0665	<0.199	--
S-P36-11	06/08/07	11.0	**9,940**	<4.45	<4.45	<0.0239	6.70	10.7	9.12	--
S-P36-15	06/08/07	15.0	**292**	<4.44	<4.44	<0.0238	1.51	2.77	9.26	--
S-P36-20	06/08/07	20.0	13.1	<4.56	<4.56	0.489	<0.0695	<0.0695	<0.209	2.96
S-P37-6	06/08/07	6.0	6.99	<5.06	<5.06	<0.0308	<0.0616	<0.0616	<0.185	--
S-P37-11	06/08/07	11.0	24.3	<4.40	<4.40	0.303	<0.0542	0.309	0.948	--
S-P37-20	06/08/07	20.0	16.2	<4.67	<4.67	0.211	<0.0573	0.136	<0.172	3.52
S-P38-5	06/08/07	5.0	<5.01	<4.77	<4.77	<0.0251	<0.0501	<0.0501	<0.150	--
MTCA Method A Cleanup Levels			100	200	200	0.5	40	20	20	250

Continued on page 5

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
2200 24th Avenue East
Seattle, Washington

Sample Name	Sample Date	Sample Depth	TPH-G	TPH-D	TPH-O	B	T	E	X	Total Pb
S-P38-11	06/08/07	11.0	**154**	<4.41	10.3	**1.39**	0.840	2.27	10.9	--
S-P38-18	06/08/07	18.0	7.12	<4.56	<4.56	0.0310	<0.0572	<0.0572	<0.172	--
S-P38-20	06/08/07	20.0	21.0	<4.60	<4.60	0.282	0.110	0.447	<0.184	3.86
MTCA Method A Cleanup Levels			100	200	200	0.5	40	20	20	250

EXPLANATION:
All concentrations are in mg/kg (ppm).
Depth of samples are in feet below ground surface.
TPH-G = Total Petroleum Hydrocarbons as Gasoline by Ecology Method NWTPH-Gx
TPH-D, TPH-O = Total Petroleum Hydrocarbons as Diesel and as Oil, respectively, by Ecology Method NWTPH-Dx
B = Benzene; T = Toluene; E = Ethylbenzene; X = Total Xylenes
BTEX = Aromatic compounds by EPA Method 8021B
Total Lead by EPA Method 6010B
-- = Not Sampled
< = Less than the stated laboratory reporting limit;

UNIFIED SOIL CLASSIFICATION SYSTEM KEY

MAJOR DIVISIONS		LTR	DESCRIPTION
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	GW	Well-graded gravels or gravel sand mixtures, little or no fines
		GP	Poorly-graded gravels or gravel sand mixture, little or no fines
		GM	Silty gravels, gravel-sand-clay mixtures
		GC	Clayey gravels, gravel-sand-clay mixtures
	SAND AND SANDY SOILS	SW	Well-graded sands or gravelly sands, little or no fines
		SP	Poorly-graded sands or gravelly sands, little or no fines
		SM	Silty sands, sand-silt mixtures
		SC	Clayey sands, sand-clay mixtures

MAJOR DIVISIONS		LTR	DESCRIPTION
FINE GRAINED SOILS	SILTS AND CLAYS LL<50	ML	Inorganic silts and very fine-grained sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
		OL	Organic silts and organic silt-clays of low plasticity
	SILTS AND CLAYS LL>50	MH	Inorganic silts, micaceous or diatomaceous fine-grained sandy or silty soils, elastic silts
		CH	Inorganic clays of high plasticity, fat clays
		OH	Organic clays of medium to high plasticity
HIGHLY ORGANIC SOILS		Pt	Peat and other highly organic soils

BLOW COUNTS REPRESENT THE NUMBER OF BLOWS OF A 140- OR 300-POUND HAMMER FALLING 30 INCHES TO DRIVE THE SAMPLER THROUGH EACH SIX INCHES OF PENETRATION.

DASHED LINES SEPARATING UNITS ON THE LOG REPRESENT APPROXIMATE BOUNDARIES ONLY. ACTUAL BOUNDARIES MAY BE GRADUAL. LOGS REPRESENT SUBSURFACE CONDITIONS AT THE BORING LOCATION AT THE TIME OF DRILLING ONLY.

FN:QuiklogUSCS.dwg

ERI

VALUE, QUALITY, RESPONSE

UNIFIED SOIL CLASSIFICATION SYSTEM AND LOG OF BORINGS SYMBOL KEY

PROJECT NO.

31163

BORING LOG P1

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E , Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

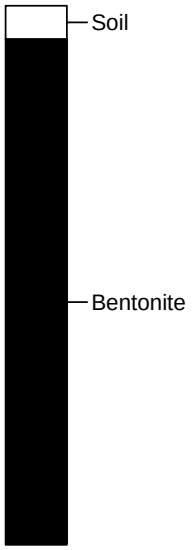
Date Drilled:	: 06/04/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 16'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P1
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	Cleared to 5 feet by Cascade.
5		0.0			ML	Clayey SILT: Medium brown, damp, sampled with hand auger
10		0.0			SW	SAND: Well graded, very fine- to medium-grained, gray to brown, moist, with silt
15		0.0			CL	Silty CLAY: Medium brown, damp
						Boring completed to 16.0 feet on 06/04/07.
20						
25						
30						
35						
40						



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P1_06.04.07.bor

BORING LOG P2

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

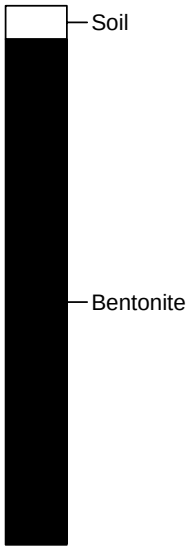
Date Drilled:	: 06/04/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 16'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P2
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	Cleared with air knife to 8 feet by Cascade.
5		0.0			ML	Clayey SILT: Medium brown to gray, damp
10		980				Saturated at 13'
15		21			CL	Silty CLAY to Clayey SILT: Medium brown, damp
						Boring completed to 16.0 feet on 06/04/07.
20						
25						
30						
35						
40						



BORING LOG P3

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

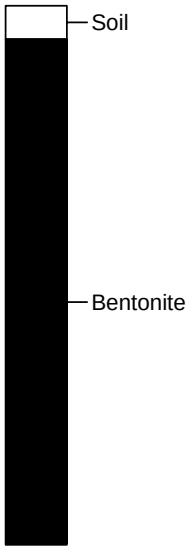
Date Drilled:	: 06/04/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 16'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P3
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	Cleared with air knife to 8 feet by Cascade.
5		0.0			ML	Clayey SILT: Medium brown to gray, damp Saturated
10		1360				
15		0			CL	Silty CLAY to Clayey SILT: Medium brown, damp, dry
						Boring completed to 16.0 feet on 06/04/07.



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P3_06.04.07.bor

BORING LOG P4

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

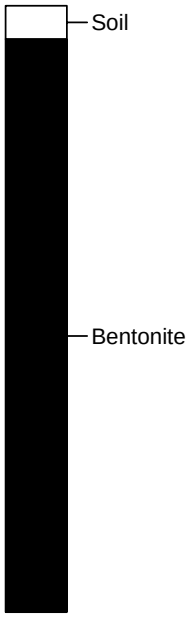
Date Drilled:	: 06/05/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 18'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P4
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	Cleared with air knife to 8 feet by Cascade on 06/04/07.
5		0			CL	Silty CLAY: Medium brown to gray, mottled, damp to moist
		82				
10					ML/CL	Silty CLAY to Clayey SILT: Brown to gray, mottled, damp
					SP	Silty SAND: Fine- to medium-grained, gray, wet, with gravel
15					ML	Clayey SILT: Gray, damp
		2.1				Dry at 18 feet
20						Boring completed to 18.0 feet on 06/05/07.
25						
30						
35						
40						



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P4_06.05.07.bor

ENVIRONMENTAL RESOLUTIONS, INC.

BORING LOG P5

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

Date Drilled:	: 06/05/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 20'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P5
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	Cleared with air knife to 8 feet by Cascade on 06/04/07.
5		8.2			ML/CL	Silty CLAY to Clayey SILT: Medium brown to gray, mottled, moist to wet Saturated
10		1361			ML	Clayey SILT: Orangish brown, damp
15					SW	SAND: Well graded, fine- to coarse-grained, gray, wet, poor recovery, hydrocarbon like odor
20		2.1			SW	SAND: Well graded, fine- to coarse-grained, gray to black, wet, with angular gravel and cobbles
					ML/CL	Silty CLAY to Clayey SILT: Medium brown, damp
						Boring completed to 20.0 feet on 06/05/07.
25						
30						
35						
40						

Soil

Bentonite

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P5_06.05.07.bor

BORING LOG P6

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

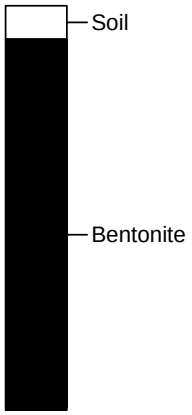
Date Drilled:	: 06/05/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 12'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P6
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					SW	SAND: Well graded, fine- to coarse-grained, medium to dark brown, with gravel and silt (No borehole clearance)
5		0			SM	Silty SAND: Very fine- to medium-grained, medium brown, saturated
10		0			ML/CL	Silty CLAY to Clayey SILT: Brown, dry, with very fine-to medium-grained sand
						Boring completed to 12.0 feet on 06/05/07.



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P6_06.05.07.bor

BORING LOG P7

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

Date Drilled:	: 06/05/07 & 06/08/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/
Sampling Method:	: Hollow Stem Auger
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 22.5'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P7
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					SW	SAND: Well graded, fine- to coarse-grained, orange to brown, damp, with silt and gravel
5		2.1			ML/ CL	Silty CLAY to Clayey SILT: Gray to green, mottled, damp
10		1172 876			SW	SAND: Well graded, very fine- to medium-grained, gray to black, wet, few fines, hydrocarbon like odor
15		8.1				
20					ML/ CL	Silty CLAY to Clayey SILT: Gray, dry, switched to hollow stem auger for last 6 inches
25						Boring completed to 22.5 feet on 06/08/07.
30						
35						
40						

Soil

Bentonite

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P7_06.08.07.bor

BORING LOG P8

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

Date Drilled:	: 06/05/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 20'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P8
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					SW	SAND: Well graded, fine- to coarse-grained, brown, damp, with silt and gravel
5		7.2			ML	Clayey SILT: Gray to green, damp
		489				
10		1443				Well graded, fine- to coarse-grained sandy stringer 4 inches thick
		11				
15		2.1			ML/CL	Silty CLAY to Clayey SILT: Medium brown, damp
		2.4				
20						Boring completed to 20 feet on 06/05/07.
25						
30						
35						
40						

Soil

Bentonite

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P8_06.05.07.bor

BORING LOG P9

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

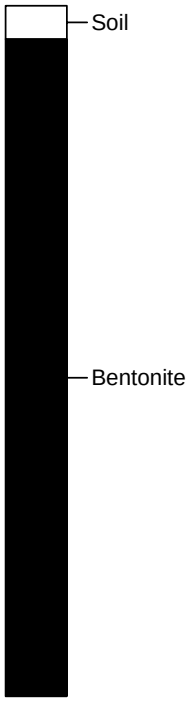
Date Drilled:	: 06/05/07 & 06/08/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/
Sampling Method:	: Hollow Stem Auger
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 21.5'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P9
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	Cleared by air knife to 8 feet by Cascade.
5		0			ML	Clayey SILT: Orange to tan, mottled, damp
10		1769			SW	SAND: Very fine- to medium-grained, gray, wet
		476				
15						
20		476				Becomes silty
					CL/ ML	Silty CLAY to Clayey SILT: Gray, dry, switched to hollow stem auger on 06/08/07
25						Boring completed to 21.5 feet on 06/08/07.
30						
35						
40						



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P9_06.08.07.bor

BORING LOG P10

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

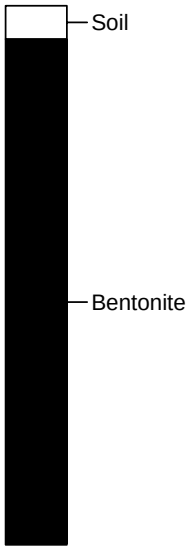
Date Drilled:	: 06/05/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 16'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P10
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	Silty SAND: Very fine- to coarse-grained, dark brown, damp, with gravel and asphalt
5		9.8				
		98			SP	Silty SAND: Fine- to medium-grained, gray, moist Wet at 10 feet
10		1140				
15		10.8			CL/ML	Silty CLAY to Clayey SILT: Medium brown, moist
						Boring completed to 16 feet on 06/05/07.



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P10_06.05.07.bor

BORING LOG P11

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

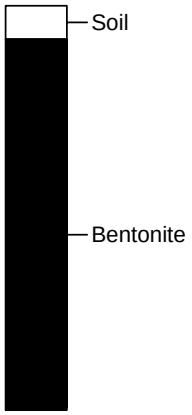
Date Drilled:	: 06/05/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 12'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P11
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	Cleared to 5 feet by Cascade
5		3.4			ML	Clayey SILT: Moist to wet, with very fine to fine grained sand
		1796				
10		44				Wet to saturated Dry/refusal
						Boring completed to 12 feet on 06/05/07.
15						
20						
25						
30						
35						
40						



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P11_06.05.07.bor

BORING LOG P12

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

Date Drilled:	: 06/05/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/Hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 20'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P12
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	Cleared with air knife to 8 feet by Cascade.
5					SM	Sampled at 5 feet with hand auger Silty SAND: Fine- to medium-graded, dark brown, moist
					ML	Clayey SILT: Orange and green, mottled, damp
		2.3				
10					SW	SAND: Very fine- to medium-grained, gray to black, saturated, with silt
15						
		2.6			ML/CL	Silty CLAY to Clayey SILT: Blue-gray, damp
20						Boring completed to 20 feet on 06/05/07.
25						
30						
35						
40						

Soil

Bentonite

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P12_06.05.07.bor

BORING LOG P13

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

Date Drilled:	: 06/05/07-06/08/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/Hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 20'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P13
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	Cleared with air knife to 8 feet by Cascade on 06/05/07.
5		0			ML	Sampled at 5 feet with hand auger. Clayey SILT: Orange to brown, mottled, damp, with very fine sand
10		1460			SW	SAND: Well graded, very fine- to coarse-grained, gray to black, wet, hydrocarbon like odor
15		13.2				Gravel, saturated
		8.3			ML/CL	Silty CLAY to Clayey SILT: Medium brown, dry
20		.8				Turns blue-green
						Boring completed to 20 feet on 06/08/07.
25						
30						
35						
40						

Soil

Bentonite

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P13_06.08.07.bor

BORING LOG P14

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

Date Drilled:	: 06/06/07 & 06/08/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/Hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 22'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P14
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0			Fill	Cleared with air knife to 8 feet by Cascade.
5		0.0	SM	Sampled at 5 feet with hand auger Silty SAND: Fine- to medium-grained, orange to brown, damp
			CL/ML	Clayey SILT to Silty CLAY: Medium brown to gray, mottled, damp
10		0.0	SW	SAND: Fine- to coarse-grained, gray, wet, with silt
		0.0		Saturated
15				Moist
20			SM	Silty SAND: Very fine- to fine-grained, medium brown, moist
		0.0	ML/CL	Silty CLAY to Clayey SILT: very fine grained, gray, with sand Redrilled with hollow stem auger on 06/08/07.
				Boring completed to 22 feet on 06/08/07.
25				
30				
35				
40				

Soil

Bentonite

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P14_06.08.07.bor

BORING LOG P15

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

Date Drilled:	: 06/06/07 & 06/08/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/Hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 22'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P15
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0			Fill	Cleared with air knife to 8 feet by Cascade.
5		0 18	SM	Sampled at 5 feet with hand auger Silty SAND: Very fine- to fine-grained, orange to brown, wet
10		50	CL/ML	Silty CLAY to Clayey SILT: Orange-tan and gray-green, mottled, damp
		62	SM	Silty SAND: Very fine- to medium-grained, gray, wet
15		55		Saturated, few fines
20			ML	Clayey SILT: Medium brown, saturated, with very fine sand
		10.8 0	ML/SM	Redrilled with hollow stem auger on 06/08/07. Sandy SILT to Silty SAND: very fine-grained, dry at 22'
25				Boring completed to 22 feet on 06/08/07.
30				
35				
40				

Soil

Bentonite

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P15_06.08.07.bor

BORING LOG P16

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

Date Drilled:	: 06/06/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 20'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P16
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					SM	Silty SAND: Very fine- to coarse-grained, dark brown, damp
					ML/CL	Silty CLAY to Clayey SILT: Orange to brown, mottled, damp
5		8.0				
		2315				
					SW	SAND: Very fine- to coarse-grained, angular, black and white, damp, hydrocarbon like odor
10		4312			SM	Silty SAND: Very fine- to medium-grained, gray-green, wet, hydrocarbon like odor Saturated
		270				
15		8.2 0				
					CL/ML	Silty CLAY to Clayey SILT: Medium brown, dry
20						Boring completed to 20 feet on 06/06/07.
25						
30						
35						
40						

Soil

Bentonite

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P16_06.06.07.bor

BORING LOG P17

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

Date Drilled:	: 06/06/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 21'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P17
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	Cleared with air knife to 8 feet by Cascade.
5		0 63			SM	Sampled at 5 feet with hand auger Sandy SILT: Very fine-grained, dark brown to black, moist to wet, with peat
10		119			ML/CL	Silty CLAY to Clayey SILT: Tan to gray, mottled Becomes gray-green, mottled
15		1164			SP	SAND: Poorly graded, very fine- to fine-grained, gray Saturated Becomes silty
20		0 24.9			CL/ML	Redrilled with hollow stem auger on 06/07/07 Clayey SILT to Silty CLAY: Gray, dry Boring completed to 21 feet on 06/07/07.
25						
30						
35						
40						

Soil

Bentonite

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P17_06.06.07.bor

BORING LOG P18

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

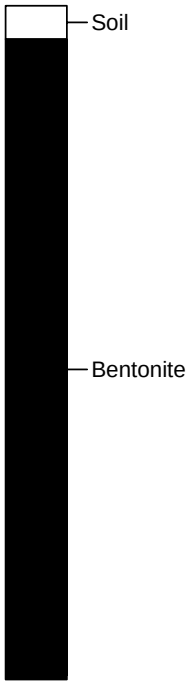
Date Drilled:	: 06/06/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 20'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P18
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						No airknife Silty SAND: Very fine- to medium-grained, brown, damp, with gravel
		269			SM	
5		988			ML/CL	Silty CLAY to Clayey SILT: Orange-tan to gray, mottled, damp
					SM	Silty SAND: Very fine- to fine-grained, wet, like hydrocarbon odor
		470				
10		640			SW	SAND: Very fine- to medium-grained, gray to brown, wet to saturated, with silt, hydrocarbon like ordor
		88				
15		61			CL/ML	Clayey SILT to Silty CLAY: Gray, wet Saturated
20						Refusal at 20 feet
						Boring completed to 20 feet on 06/07/07.
25						
30						
35						
40						



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P18_06.06.07.bor

BORING LOG P19

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

Date Drilled:	: 06/06/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 20'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P19
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	Cleared with air knife to 8 feet by Cascade.
5		0			SM	Sampled at 5 feet with hand auger Sandy SILT to Silty SAND: Very fine-grained, medium brown, wet
		787			ML/CL	Silty CLAY to Clayey SILT: Gray, wet to saturated, with sand
10		1795			SM	Silty SAND: Very fine- to fine-grained, gray, wet to saturated, hydrocarbon like odor
15		173			ML	Sandy Clayey SILT: Gray to green, wet to saturated Becomes dry
20		8.1				Boring completed to 20 feet on 06/07/07.
25						
30						
35						
40						

Soil

Bentonite

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P19_06.06.07.bor

BORING LOG P20

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

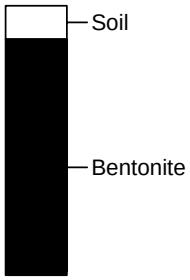
Date Drilled:	: 06/07/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 8'
First GW Depth:	: NA

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- After Completion
- During Drilling

Well: P20
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	4 feet lower than site elevation. Cleared with air knife to 8 feet by Cascade.
5		0			SM	Sampled at 5 feet with hand auger Silty SAND: Very fine- to fine-grained, dark brown, damp, with gravel
		0			ML/CL	Clayey SILT to Silty CLAY: Gray to green, damp, with very fine sand
						Boring completed to 8 feet on 06/07/07.
10						
15						
20						
25						
30						
35						
40						



ENVIRONMENTAL RESOLUTIONS, INC.

BORING LOG P21

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

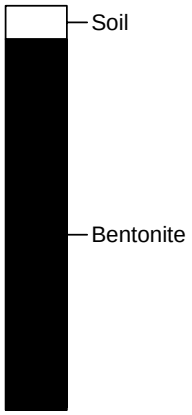
Date Drilled:	: 06/07/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 12'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P21
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0		0			SM	No airknife Silty SAND: Fine- to medium-grained, medium brown, wet, with gravel
5		8.1			ML/CL	Silty CLAY to Clayey SILT: Orange-tan to gray, mottled, damp
		63			SW	SAND: Very fine- to medium-grained, gray, wet to saturated
10		1.2			ML/CL	Silty CLAY to Clayey SILT: Medium brown, damp
						Boring completed to 12 feet on 06/07/07.
15						
20						
25						
30						
35						
40						



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P21_06.07.07.bor

BORING LOG P22

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

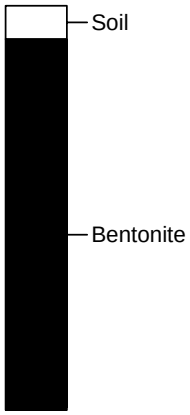
Date Drilled:	: 06/07/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 12'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P22
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0		0			SM	No airknife Silty SAND: Fine- to coarse-grained, dark brown, damp to wet, with gravel and peat
5		1816			ML/CL	Silty CLAY to Clayey SILT: Gray-green, damp, with very fine sand
10		112			SW	SAND: Well graded, very fine- to medium-grained, wet to saturated, few fines, with hydrocarbon like odor
		0			ML/CL	Silty CLAY to Clayey SILT: Tan to gray, moist, with very fine-grained sand
15						Boring completed to 12 feet on 06/07/07.
20						
25						
30						
35						
40						



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P22_06.07.07.bor

ENVIRONMENTAL RESOLUTIONS, INC.

BORING LOG P23

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

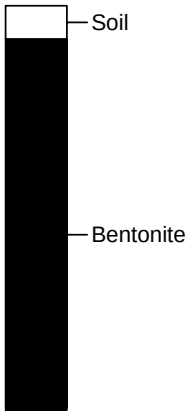
Date Drilled:	: 06/07/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 12'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P23
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0		5	SW	No airknife SAND: Well graded, fine- to coarse-grained, orange to brown, damp, with gravel
5		10 3	ML	Sandy SILT: Very fine-grained, gray, medium brown to tan, with clay
		0	SW	SAND: Very fine- to medium-grained, gray, wet, with silt
10		0	ML/CL	Silty CLAY to Clayey SILT: Gray, damp, with trace very fine- to fine-grained sand
				Boring completed to 12 feet on 06/07/07.



15
20
25
30
35
40

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P23_06.07.07.bor

BORING LOG P24

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

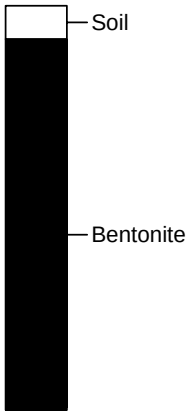
Date Drilled:	: 06/07/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 12'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P24
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	4 feet lower than site elevation. Cleared with air knife to 8 feet by Cascade.
5		0			SM	Sampled at 5 feet with hand auger Silty SAND: Very fine- to medium-grained, orange to brown, damp, with gravel
10		0			ML/CL	Silty CLAY to Clayey SILT: Medium brown, damp
						Boring completed to 12 feet on 06/07/07.



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P24_06.07.07.bor

BORING LOG P25

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

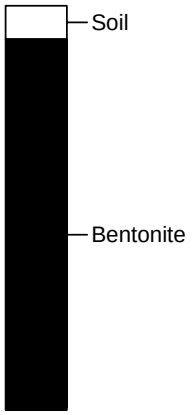
Date Drilled:	: 06/07/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 12'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P25
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	4 feet lower than site elevation. Cleared with air knife to 8 feet by Cascade.
5		0 0			SM	Sampled at 5 feet with hand auger Sandy SILT to Silty SAND: Medium brown, damp
10		0			ML/CL	Silty CLAY to Clayey SILT: Medium brown, damp, with very fine-grained sand
						Boring completed to 12 feet on 06/07/07.



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P25_06.07.07.bor

BORING LOG P26

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

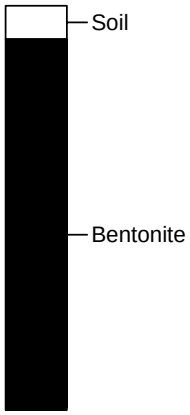
Date Drilled:	: 06/07/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 12'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P26
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0		0			SM	Silty SAND: Fine- to medium-grained, dark brown, damp to moist, with gravel
5		0			ML/CL	Silty CLAY to Clayey SILT: Orange, tan and gray, mottled Becomes blue-green and dry
10						Boring completed to 12 feet on 06/07/07.



15 20 25 30 35 40

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P26_06.07.07.bor

ENVIRONMENTAL RESOLUTIONS, INC.

BORING LOG P27

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

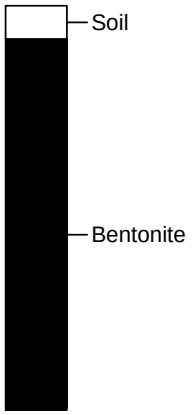
Date Drilled:	: 06/07/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 12'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P27
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0		0			1	Air knife to 8 feet by Cascade. Sandy SILT to Silty SAND: Very fine-grained, medium brown, with gravel
5		0			SM	Sandy SILT to Silty SAND: Very fine-grained, medium brown, damp to moist, with gravel
10					CL/ ML	Clayey SILT to Silty CLAY: Tan to gray, damp, with very fine-grained sand
						Boring completed to 12 feet on 06/07/07.



15 20 25 30 35 40

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P27_06.07.07.bor

BORING LOG P28

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

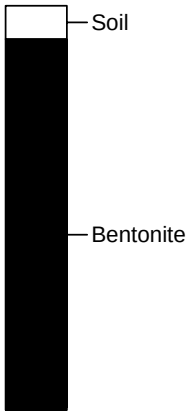
Date Drilled:	: 06/07/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 12'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P28
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0		0			ML	Sandy Clayey SILT: Very fine-grained, dark brown, damp to moist, with gravel
5		0			ML/CL	Sandy SILT: Very fine-grained, brown to gray, moist, with clay
10					SW	SAND: Well Graded, very fine- to medium-grained, dark gray to black, wet, with silt, hydrocarbon like odor
					ML/CL	Silty CLAY to Clayey SILT: Tan, damp
						Boring completed to 12 feet on 06/07/07.



15
20
25
30
35
40

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P28_06.07.07.bor

BORING LOG P29

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

Date Drilled:	: 06/08/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 12'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P29
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	Cleared with air knife to 8 feet by Cascade.
5		0 0			SM	Sampled at 5 feet with hand auger Silty SAND: Very fine- to medium-grained, dark brown, moist
10					SM	Sandy Clayey SILT: Very fine-grained, orange to gray, mottled, damp
					SW	SAND: Well graded, fine- to coarse-grained, moist to wet, few fines
					ML/CL	Silty CLAY to Clayey SILT: Tan to gray, damp, with very fine-grained sand
						Boring completed to 12 feet on 06/08/07.

Soil

Bentonite

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P29_06.08.07.bor

BORING LOG P30

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

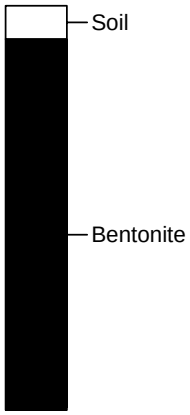
Date Drilled:	: 06/08/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 12'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P30
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0		0			SM	Silty SAND: Very fine- to medium-grained, medium brown, damp, with gravel
5		0			ML/CL	Silty CLAY to Clayey SILT: Tan to gray, mottled, damp, with very fine sand
					SP	SAND: Poorly graded, very fine- to fine-grained, gray to green, moist, few fines
10						Becomes Silty
					ML/CL	Silty CLAY to Clayey SILT: Gray to tan, damp
						Boring completed to 12 feet on 06/08/07.
15						
20						
25						
30						
35						
40						



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P30_06.08.07.bor

BORING LOG P31

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

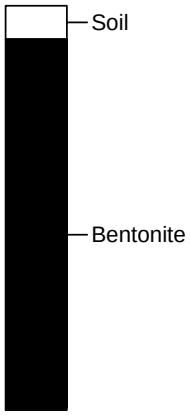
Date Drilled:	: 06/08/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 12'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P31
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0		0			SM	Silty SAND: Very fine- to coarse-grained, medium brown, damp, with gravel and interbedded clayey silt
5		7			ML	Clayey SILT: Tan to gray-green, mottled, damp, with very fine-grained sand
10		12			SW	SAND: Well graded, very fine- to medium-grained, gray to green, moist to wet, trace silt Becomes wet
		9			ML/CL	Silty CLAY to Clayey SILT: Gray to green, damp, with very fine-grained sand
15						Boring completed to 12 feet on 06/08/07.
20						
25						
30						
35						
40						



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P31_06.08.07.bor

BORING LOG P32

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

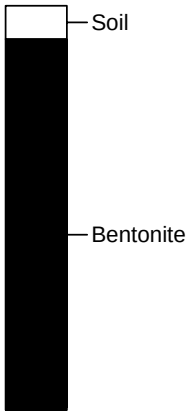
Date Drilled:	: 06/08/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 12'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P32
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0		0		
		0	Fill	Cleared to 8 feet by Cascade
5		0	CL	Silty CLAY: Orange to gray-green, mottled, damp
10			ML/ CL	Sandy Clayey SILT: Very fine-grained, tan to gray, damp Becomes Silty CLAY to Clayey SILT
				Boring completed to 12 feet on 06/08/07.



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P32_06.08.07.bor

BORING LOG P33

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

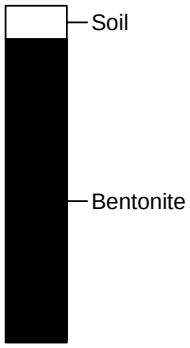
Date Drilled:	: 06/08/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 10'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P33
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0		0			Fill	Cleared to 8 feet by cascade
5		0			CL	Sampled at five feet with hand auger Silty CLAY: Orange to gray-green, mottled, damp
10		0			ML/CL	Sandy Silty CLAY to Clayey SILT: very fine-grained, tan to gray, damp Refusal at 10 feet
						Boring completed to 10 feet on 06/08/07.



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P33_06.08.07.bor

BORING LOG P34

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

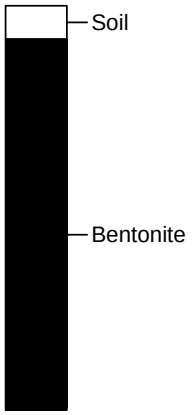
Date Drilled:	: 06/08/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 12'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P34
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0		0	Fill	Cleared to 5 feet by Cascade.
5		1.2 0	CL	Sampled at five feet with hand auger Silty CLAY: Orange to gray-green, mottled, wet
10		0	SM	Silty SAND: Very fine- to medium-grained, with clay
			ML/CL	Silty CLAY to Clayey SILT: Tan, damp, with very fine-grained sand
				Boring completed to 12 feet on 06/08/07.



08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P34_06.08.07.bor

BORING LOG P35

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

Date Drilled:	: 06/08/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 18'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P35
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0		0	Fill	Cleared to 6 feet by Cascade.
5		1.2 0	ML/CL	Sampled at 6 feet with hand auger Silty CLAY to Clayey SILT: Orange to gray-green, mottled, wet
10		0	SW	SAND: Very fine-grained, gray and black, wet to saturated, hydrocarbon like odor 4 inch decomposed gravel layer
15			SM	Silty SAND: Very fine- to medium-grained, damp to wet
			ML	Sandy Clayey SILT: Very fine- to medium-grained, gray, damp
				Boring completed to 18 feet on 06/08/07.
20				
25				
30				
35				
40				

Soil

Bentonite

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P35_06.08.07.bor

BORING LOG P36

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

Date Drilled:	: 06/08/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 20'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P36
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0		0			Fill	Cleared to 6 feet by Cascade.
5		1,2 0			ML	Sampled at 6 feet with hand auger Sandy Clayey SILT: Very fine-grained, orange to brown, damp
10		0			SW	SAND: Well graded, very fine- to medium-grained, gray, damp to wet, hydrocarbon like odor Becomes Silty at 12 feet
15					ML/ CL	Silty CLAY to Clayey SILT: Gray, dry to damp, with very fine-grained sand
20						Boring completed to 20 feet on 06/08/07.
25						
30						
35						
40						

Soil

Bentonite

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P36_06.08.07.bor

BORING LOG P37

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E ,Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

Date Drilled:	: 06/08/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 20'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P37
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0		0			Fill	Cleared to 6 feet by Cascade.
5		0 6.5			ML	Sampled at 6 feet with hand auger Sandy Clayey SILT: Very fine-grained, orange to gray-green, mottled, damp to wet
10		08.0 2886 685			SW	SAND: Well graded, very fine- to medium-grained, gray, few fines, wet to saturated, hydrocarbon like odor Becomes Silty at 14 feet
15		165				
20		386 16			ML/CL	Clayey SILT to Silty CLAY: Gray to green, damp, with very fine-grained sand
						Boring completed to 20 feet on 06/08/07.

Soil

Bentonite

08-03-2007 F:\31163-99MPB Seattle\31163.03.R11\31163_P37_06.08.07.bor

BORING LOG P38

(Page 1 of 1)

ENVIRONMENTAL RESOLUTIONS, INC.

Project No.:	: 31163
Site:	: Former Mobil Station 99-MPB, 2200 24th Ave E, Seattle, WA
Logged By:	: John K. Meyer, R.G., L.HG.
Reviewed By:	: John K. Meyer, R.G., L.HG.
Signature:	: _____

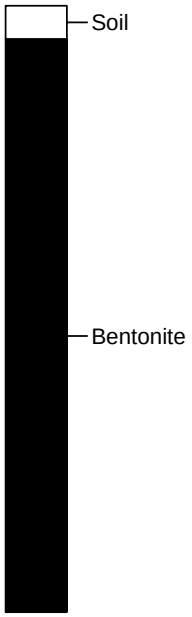
Date Drilled:	: 06/08/07
Drilling Co.:	: Cascade Drilling, Inc.
Drilling Method:	: Direct Push/hand auger
Sampling Method:	:
Borehole Diameter:	: 1.5"
Casing Diameter:	:
Location N-S	:
Location E-W	:
Total Depth:	: 20'
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling

Well: P38
Elev.: NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					Fill	Cleared to 6 feet by Cascade.
5					ML	Sampled at 6 feet with hand auger Sandy Clayey SILT: Very fine-grained, dark brown, damp to wet, with peat Becomes gray-green, wet at 9 feet
10					SW	SAND: Well graded, very fine- to medium-grained, gray, wet to saturated, few fines, hydrocarbon like odor
15					SM/ML	Sandy SILT to Silty SAND: Very fine-grained, gray to green, wet Becomes very Silty
					ML	Sandy SILT: Very fine-grained, gray, damp, with clay
20						Boring completed to 20 feet on 06/08/07.
25						
30						
35						
40						



Calscience Environmental Laboratories, Inc.

May 30, 2007

John Meyer
Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Subject: **Calscience Work Order No.: 07-05-1939**
Client Reference: ExxonMobil 99-MPB

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/26/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Cecile deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: 05/26/07
Work Order No: 07-05-1939
Preparation: EPA 3050B / EPA 7471A Total
Method: EPA 6010B / EPA 7471A
Units: mg/kg

Project: ExxonMobil 99-MPB

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
UST-Solid	**07-05-1939-2**	**05/24/07**	**Solid**	**ICP 5300**	**05/29/07**	**05/29/07**	**070529L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.
-Mercury was analyzed on 5/29/2007 2:13:30 PM with batch 070529L02

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	7.76	0.750	0.130	1		Lead	32.8	0.500	0.0527	1	B
Barium	79.9	0.500	0.164	1		Mercury	0.0711	0.0835	0.00130	1	J,B
Cadmium	0.113	0.500	0.00988	1	J	Selenium	ND	0.750	0.175	1	
Chromium	34.0	0.250	0.0291	1		Silver	ND	0.250	0.0209	1	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-04-007-4,657**	**N/A**	**Solid**	**Mercury**	**05/29/07**	**05/29/07**	**070529L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual
Mercury	0.0104	0.0835	0.00130	1	J

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**097-01-002-9,300**	**N/A**	**Solid**	**ICP 5300**	**05/29/07**	**05/29/07**	**070529L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.750	0.130	1		Lead	0.243	0.500	0.0527	1	J
Barium	ND	0.500	0.164	1		Selenium	ND	0.750	0.175	1	
Cadmium	ND	0.500	0.00988	1		Silver	ND	0.250	0.0209	1	
Chromium	ND	0.250	0.0291	1							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: 05/26/07
Work Order No: 07-05-1939
Preparation: EPA 3010A Total / EPA 7470A Total
Method: EPA 6010B / EPA 7470A
Units: mg/L

Project: ExxonMobil 99-MPB

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
UST-Fluid	**07-05-1939-1**	**05/24/07**	**Aqueous**	**ICP 5300**	**05/29/07**	**05/29/07**	**070529L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.
-Mercury was analyzed on 5/29/2007 3:05:06 PM with batch 070529L01

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Lead	0.0547	0.0100	0.00236	1	
Barium	0.122	0.0100	0.000719	1	B	Mercury	ND	0.000500	0.0000177	1	
Cadmium	0.0529	0.00500	0.000350	1		Selenium	ND	0.0150	0.00295	1	
Chromium	0.0144	0.00500	0.000350	1		Silver	ND	0.00500	0.000400	1	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-04-008-2,970**	**N/A**	**Aqueous**	**Mercury**	**05/29/07**	**05/29/07**	**070529L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual
Mercury	ND	0.000500	0.0000177	1	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**097-01-003-7,176**	**N/A**	**Aqueous**	**ICP 5300**	**05/29/07**	**05/29/07**	**070529L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Lead	ND	0.0100	0.00236	1	
Barium	0.00184	0.0100	0.000719	1	J	Selenium	ND	0.0150	0.00295	1	
Cadmium	ND	0.00500	0.000350	1		Silver	0.000520	0.00500	0.000400	1	J
Chromium	ND	0.00500	0.000350	1							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.	Date Received:	05/26/07
815 Industry Drive	Work Order No:	07-05-1939
Tukwila, WA 98188-3411	Preparation:	EPA 3510B
	Method:	EPA 8270C
	Units:	ug/L
Project: ExxonMobil 99-MPB		Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
UST-Fluid	**07-05-1939-1**	**05/24/07**	**Aqueous**	**GC/MS P**	**05/29/07**	**05/29/07**	**070529L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
N-Nitrosodimethylamine	ND	10	1.1	1		4-Nitrophenol	ND	10	0.86	1	
Aniline	ND	10	1.2	1		Dibenzofuran	ND	10	1.4	1	
Phenol	ND	10	1.2	1		2,4-Dinitrotoluene	ND	10	1.0	1	
Bis(2-Chloroethyl) Ether	ND	25	1.0	1		2,6-Dinitrotoluene	ND	10	1.1	1	
2-Chlorophenol	ND	10	1.0	1		Diethyl Phthalate	ND	10	1.4	1	
1,3-Dichlorobenzene	ND	10	1.2	1		4-Chlorophenyl-Phenyl Ether	ND	10	1.2	1	
1,4-Dichlorobenzene	ND	10	1.1	1		Fluorene	ND	10	1.4	1	
Benzyl Alcohol	ND	10	1.0	1		4-Nitroaniline	ND	10	2.4	1	
1,2-Dichlorobenzene	ND	10	1.1	1		Azobenzene	ND	10	1.7	1	
2-Methylphenol	ND	10	1.1	1		4,6-Dinitro-2-Methylphenol	ND	50	3.4	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1.5	1		N-Nitrosodiphenylamine	ND	10	1.4	1	
3/4-Methylphenol	ND	10	1.0	1		4-Bromophenyl-Phenyl Ether	ND	10	1.2	1	
N-Nitroso-di-n-propylamine	ND	10	1.3	1		Hexachlorobenzene	ND	10	1.2	1	
Hexachloroethane	ND	10	0.98	1		Pentachlorophenol	ND	10	0.75	1	
Nitrobenzene	ND	25	1.3	1		Phenanthrene	ND	10	1.5	1	
Isophorone	ND	10	1.2	1		Anthracene	ND	10	1.5	1	
2-Nitrophenol	ND	10	1.2	1		Di-n-Butyl Phthalate	ND	10	1.5	1	
2,4-Dimethylphenol	ND	10	1.2	1		Fluoranthene	ND	10	1.5	1	
Benzoic Acid	ND	50	0.43	1		Benzidine	ND	50	0.62	1	
Bis(2-Chloroethoxy) Methane	ND	10	1.2	1		Pyrene	ND	10	1.4	1	
2,4-Dichlorophenol	ND	10	1.1	1		Pyridine	ND	10	1.4	1	
Naphthalene	43	10	1.4	1		Butyl Benzyl Phthalate	ND	10	1.0	1	
4-Chloroaniline	ND	10	1.3	1		3,3'-Dichlorobenzidine	ND	25	1.3	1	
Hexachloro-1,3-Butadiene	ND	10	1.2	1		Benzo (a) Anthracene	ND	10	1.1	1	
4-Chloro-3-Methylphenol	ND	10	1.2	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1.0	1	
2-Methylnaphthalene	5.6	10	1.2	1	J	Chrysene	ND	10	1.3	1	
Hexachlorocyclopentadiene	ND	25	0.44	1		Di-n-Octyl Phthalate	ND	10	1.0	1	
2,4,6-Trichlorophenol	ND	10	1.2	1		Benzo (k) Fluoranthene	ND	10	1.7	1	
2,4,5-Trichlorophenol	ND	10	0.97	1		Benzo (b) Fluoranthene	ND	10	1.2	1	
2-Chloronaphthalene	ND	10	1.3	1		Benzo (a) Pyrene	ND	10	0.88	1	
2-Nitroaniline	ND	10	1.0	1		Benzo (g,h,i) Perylene	ND	10	0.71	1	
Dimethyl Phthalate	ND	10	1.3	1		Indeno (1,2,3-c,d) Pyrene	ND	10	0.83	1	
Acenaphthylene	ND	10	1.4	1		Dibenz (a,h) Anthracene	ND	10	0.82	1	
3-Nitroaniline	ND	10	1.2	1		1-Methylnaphthalene	2.6	10	1.4	1	J
Acenaphthene	ND	10	1.4	1		1,2,4-Trichlorobenzene	ND	10	1.3	1	
2,4-Dinitrophenol	ND	50	2.6	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	56	7-121		Phenol-d6	40	1-127	
Nitrobenzene-d5	89	50-146		2-Fluorobiphenyl	110	42-138	
2,4,6-Tribromophenol	131	41-137		p-Terphenyl-d14	165	47-173	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.	Date Received:	05/26/07
815 Industry Drive	Work Order No:	07-05-1939
Tukwila, WA 98188-3411	Preparation:	EPA 3510B
	Method:	EPA 8270C
	Units:	ug/L
Project: ExxonMobil 99-MPB		Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-003-2,164**	**N/A**	**Aqueous**	**GC/MS P**	**05/29/07**	**05/29/07**	**070529L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
N-Nitrosodimethylamine	ND	10	1.1	1		4-Nitrophenol	ND	10	0.86	1	
Aniline	ND	10	1.2	1		Dibenzofuran	ND	10	1.4	1	
Phenol	ND	10	1.2	1		2,4-Dinitrotoluene	ND	10	1.0	1	
Bis(2-Chloroethyl) Ether	ND	25	1.0	1		2,6-Dinitrotoluene	ND	10	1.1	1	
2-Chlorophenol	ND	10	1.0	1		Diethyl Phthalate	ND	10	1.4	1	
1,3-Dichlorobenzene	ND	10	1.2	1		4-Chlorophenyl-Phenyl Ether	ND	10	1.2	1	
1,4-Dichlorobenzene	ND	10	1.1	1		Fluorene	ND	10	1.4	1	
Benzyl Alcohol	ND	10	1.0	1		4-Nitroaniline	ND	10	2.4	1	
1,2-Dichlorobenzene	ND	10	1.1	1		Azobenzene	ND	10	1.7	1	
2-Methylphenol	ND	10	1.1	1		4,6-Dinitro-2-Methylphenol	ND	50	3.4	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1.5	1		N-Nitrosodiphenylamine	ND	10	1.4	1	
3/4-Methylphenol	ND	10	1.0	1		4-Bromophenyl-Phenyl Ether	ND	10	1.2	1	
N-Nitroso-di-n-propylamine	ND	10	1.3	1		Hexachlorobenzene	ND	10	1.2	1	
Hexachloroethane	ND	10	0.98	1		Pentachlorophenol	ND	10	0.75	1	
Nitrobenzene	ND	25	1.3	1		Phenanthrene	ND	10	1.5	1	
Isophorone	ND	10	1.2	1		Anthracene	ND	10	1.5	1	
2-Nitrophenol	ND	10	1.2	1		Di-n-Butyl Phthalate	ND	10	1.5	1	
2,4-Dimethylphenol	ND	10	1.2	1		Fluoranthene	ND	10	1.5	1	
Benzoic Acid	ND	50	0.43	1		Benzidine	ND	50	0.62	1	
Bis(2-Chloroethoxy) Methane	ND	10	1.2	1		Pyrene	ND	10	1.4	1	
2,4-Dichlorophenol	ND	10	1.1	1		Pyridine	ND	10	1.4	1	
Naphthalene	ND	10	1.4	1		Butyl Benzyl Phthalate	ND	10	1.0	1	
4-Chloroaniline	ND	10	1.3	1		3,3'-Dichlorobenzidine	ND	25	1.3	1	
Hexachloro-1,3-Butadiene	ND	10	1.2	1		Benzo (a) Anthracene	ND	10	1.1	1	
4-Chloro-3-Methylphenol	ND	10	1.2	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1.0	1	
2-Methylnaphthalene	ND	10	1.2	1		Chrysene	ND	10	1.3	1	
Hexachlorocyclopentadiene	ND	25	0.44	1		Di-n-Octyl Phthalate	ND	10	1.0	1	
2,4,6-Trichlorophenol	ND	10	1.2	1		Benzo (k) Fluoranthene	ND	10	1.7	1	
2,4,5-Trichlorophenol	ND	10	0.97	1		Benzo (b) Fluoranthene	ND	10	1.2	1	
2-Chloronaphthalene	ND	10	1.3	1		Benzo (a) Pyrene	ND	10	0.88	1	
2-Nitroaniline	ND	10	1.0	1		Benzo (g,h,i) Perylene	ND	10	0.71	1	
Dimethyl Phthalate	ND	10	1.3	1		Indeno (1,2,3-c,d) Pyrene	ND	10	0.83	1	
Acenaphthylene	ND	10	1.4	1		Dibenz (a,h) Anthracene	ND	10	0.82	1	
3-Nitroaniline	ND	10	1.2	1		1-Methylnaphthalene	ND	10	1.4	1	
Acenaphthene	ND	10	1.4	1		1,2,4-Trichlorobenzene	ND	10	1.3	1	
2,4-Dinitrophenol	ND	50	2.6	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	35	7-121		Phenol-d6	23	1-127	
Nitrobenzene-d5	73	50-146		2-Fluorobiphenyl	73	42-138	
2,4,6-Tribromophenol	74	41-137		p-Terphenyl-d14	119	47-173	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: 05/26/07
Work Order No: 07-05-1939
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: ExxonMobil 99-MPB

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
UST-Solid	**07-05-1939-2**	**05/24/07**	**Solid**	**GC/MS MM**	**05/29/07**	**05/29/07**	**070529L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
N-Nitrosodimethylamine	ND	0.50	0.091	1		2,4-Dinitrophenol	ND	2.5	0.97	1	
Aniline	ND	0.50	0.056	1		4-Nitrophenol	ND	0.50	0.051	1	
Phenol	ND	0.50	0.079	1		Dibenzofuran	ND	0.50	0.097	1	
Bis(2-Chloroethyl) Ether	ND	2.5	0.10	1		2,4-Dinitrotoluene	ND	0.50	0.056	1	
2-Chlorophenol	ND	0.50	0.10	1		2,6-Dinitrotoluene	ND	0.50	0.053	1	
1,3-Dichlorobenzene	ND	0.50	0.10	1		Diethyl Phthalate	ND	0.50	0.060	1	
1,4-Dichlorobenzene	ND	0.50	0.15	1		4-Chlorophenyl-Phenyl Ether	ND	0.50	0.10	1	
Benzyl Alcohol	ND	0.50	0.054	1		Fluorene	ND	0.50	0.089	1	
1,2-Dichlorobenzene	ND	0.50	0.10	1		4-Nitroaniline	ND	0.50	0.051	1	
2-Methylphenol	ND	0.50	0.068	1		Azobenzene	ND	0.50	0.10	1	
Bis(2-Chloroisopropyl) Ether	ND	0.50	0.092	1		4,6-Dinitro-2-Methylphenol	ND	2.5	0.99	1	
3/4-Methylphenol	ND	0.50	0.058	1		N-Nitrosodiphenylamine	ND	0.50	0.074	1	
N-Nitroso-di-n-propylamine	ND	0.50	0.082	1		2,4,6-Trichlorophenol	ND	0.50	0.062	1	
Hexachloroethane	ND	0.50	0.096	1		4-Bromophenyl-Phenyl Ether	ND	0.50	0.094	1	
Nitrobenzene	ND	2.5	0.10	1		Hexachlorobenzene	ND	0.50	0.14	1	
Isophorone	ND	0.50	0.053	1		Pentachlorophenol	ND	2.5	0.88	1	
2-Nitrophenol	ND	0.50	0.063	1		Phenanthrene	ND	0.50	0.098	1	
2,4-Dimethylphenol	ND	0.50	0.085	1		Anthracene	ND	0.50	0.10	1	
Benzoic Acid	ND	2.5	0.56	1		Di-n-Butyl Phthalate	ND	0.50	0.12	1	
Bis(2-Chloroethoxy) Methane	ND	0.50	0.082	1		Fluoranthene	ND	0.50	0.11	1	
2,4-Dichlorophenol	ND	0.50	0.065	1		Benzidine	ND	10	1.2	1	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1		Pyrene	ND	0.50	0.10	1	
Naphthalene	1.8	0.50	0.11	1		Pyridine	ND	0.50	0.082	1	
4-Chloroaniline	ND	0.50	0.061	1		Butyl Benzyl Phthalate	ND	0.50	0.12	1	
Hexachloro-1,3-Butadiene	ND	0.50	0.088	1		3,3'-Dichlorobenzidine	ND	10	1.1	1	
4-Chloro-3-Methylphenol	ND	0.50	0.059	1		Benzo (a) Anthracene	ND	0.50	0.11	1	
2-Methylnaphthalene	0.26	0.50	0.10	1	J	Bis(2-Ethylhexyl) Phthalate	ND	0.50	0.16	1	
1-Methylnaphthalene	ND	0.50	0.095	1		Chrysene	ND	0.50	0.11	1	
Hexachlorocyclopentadiene	ND	2.5	0.83	1		Di-n-Octyl Phthalate	ND	0.50	0.24	1	
2,4,5-Trichlorophenol	ND	0.50	0.067	1		Benzo (k) Fluoranthene	ND	0.50	0.13	1	
2-Chloronaphthalene	ND	0.50	0.099	1		Benzo (b) Fluoranthene	ND	0.50	0.11	1	
2-Nitroaniline	ND	0.50	0.047	1		Benzo (a) Pyrene	ND	0.50	0.12	1	
Dimethyl Phthalate	ND	0.50	0.051	1		Indeno (1,2,3-c,d) Pyrene	ND	0.50	0.23	1	
Acenaphthylene	ND	0.50	0.082	1		Dibenz (a,h) Anthracene	ND	0.50	0.20	1	
3-Nitroaniline	ND	0.50	0.054	1		Benzo (g,h,i) Perylene	ND	0.50	0.25	1	
Acenaphthene	ND	0.50	0.24	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	91	42-120		Phenol-d6	99	46-118	
Nitrobenzene-d5	88	42-150		2-Fluorobiphenyl	90	38-134	
2,4,6-Tribromophenol	99	36-132		p-Terphenyl-d14	92	35-167	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: 05/26/07
Work Order No: 07-05-1939
Preparation: EPA 3545
Method: EPA 8270C
Units: mg/kg

Project: ExxonMobil 99-MPB

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-549-57**	**N/A**	**Solid**	**GC/MS MM**	**05/29/07**	**05/29/07**	**070529L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
N-Nitrosodimethylamine	ND	0.50	0.091	1		2,4-Dinitrophenol	ND	2.5	0.97	1	
Aniline	ND	0.50	0.056	1		4-Nitrophenol	ND	0.50	0.051	1	
Phenol	ND	0.50	0.079	1		Dibenzofuran	ND	0.50	0.097	1	
Bis(2-Chloroethyl) Ether	ND	2.5	0.10	1		2,4-Dinitrotoluene	ND	0.50	0.056	1	
2-Chlorophenol	ND	0.50	0.10	1		2,6-Dinitrotoluene	ND	0.50	0.053	1	
1,3-Dichlorobenzene	ND	0.50	0.10	1		Diethyl Phthalate	ND	0.50	0.060	1	
1,4-Dichlorobenzene	ND	0.50	0.15	1		4-Chlorophenyl-Phenyl Ether	ND	0.50	0.10	1	
Benzyl Alcohol	ND	0.50	0.054	1		Fluorene	ND	0.50	0.089	1	
1,2-Dichlorobenzene	ND	0.50	0.10	1		4-Nitroaniline	ND	0.50	0.051	1	
2-Methylphenol	ND	0.50	0.068	1		Azobenzene	ND	0.50	0.10	1	
Bis(2-Chloroisopropyl) Ether	ND	0.50	0.092	1		4,6-Dinitro-2-Methylphenol	ND	2.5	0.99	1	
3/4-Methylphenol	ND	0.50	0.058	1		N-Nitrosodiphenylamine	ND	0.50	0.074	1	
N-Nitroso-di-n-propylamine	ND	0.50	0.082	1		2,4,6-Trichlorophenol	ND	0.50	0.062	1	
Hexachloroethane	ND	0.50	0.096	1		4-Bromophenyl-Phenyl Ether	ND	0.50	0.094	1	
Nitrobenzene	ND	2.5	0.10	1		Hexachlorobenzene	ND	0.50	0.14	1	
Isophorone	ND	0.50	0.053	1		Pentachlorophenol	ND	2.5	0.88	1	
2-Nitrophenol	ND	0.50	0.063	1		Phenanthrene	ND	0.50	0.098	1	
2,4-Dimethylphenol	ND	0.50	0.085	1		Anthracene	ND	0.50	0.10	1	
Benzoic Acid	ND	2.5	0.56	1		Di-n-Butyl Phthalate	ND	0.50	0.12	1	
Bis(2-Chloroethoxy) Methane	ND	0.50	0.082	1		Fluoranthene	ND	0.50	0.11	1	
2,4-Dichlorophenol	ND	0.50	0.065	1		Benzidine	ND	10	1.2	1	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1		Pyrene	ND	0.50	0.10	1	
Naphthalene	ND	0.50	0.11	1		Pyridine	ND	0.50	0.082	1	
4-Chloroaniline	ND	0.50	0.061	1		Butyl Benzyl Phthalate	ND	0.50	0.12	1	
Hexachloro-1,3-Butadiene	ND	0.50	0.088	1		3,3'-Dichlorobenzidine	ND	10	1.1	1	
4-Chloro-3-Methylphenol	ND	0.50	0.059	1		Benzo (a) Anthracene	ND	0.50	0.11	1	
2-Methylnaphthalene	ND	0.50	0.10	1		Bis(2-Ethylhexyl) Phthalate	ND	0.50	0.16	1	
1-Methylnaphthalene	ND	0.50	0.095	1		Chrysene	ND	0.50	0.11	1	
Hexachlorocyclopentadiene	ND	2.5	0.83	1		Di-n-Octyl Phthalate	ND	0.50	0.24	1	
2,4,5-Trichlorophenol	ND	0.50	0.067	1		Benzo (k) Fluoranthene	ND	0.50	0.13	1	
2-Chloronaphthalene	ND	0.50	0.099	1		Benzo (b) Fluoranthene	ND	0.50	0.11	1	
2-Nitroaniline	ND	0.50	0.047	1		Benzo (a) Pyrene	ND	0.50	0.12	1	
Dimethyl Phthalate	ND	0.50	0.051	1		Indeno (1,2,3-c,d) Pyrene	ND	0.50	0.23	1	
Acenaphthylene	ND	0.50	0.082	1		Dibenz (a,h) Anthracene	ND	0.50	0.20	1	
3-Nitroaniline	ND	0.50	0.054	1		Benzo (g,h,i) Perylene	ND	0.50	0.25	1	
Acenaphthene	ND	0.50	0.24	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	80	42-120		Phenol-d6	81	46-118	
Nitrobenzene-d5	79	42-150		2-Fluorobiphenyl	76	38-134	
2,4,6-Tribromophenol	67	36-132		p-Terphenyl-d14	76	35-167	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: 05/26/07
Work Order No: 07-05-1939
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/kg

Project: ExxonMobil 99-MPB

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
UST-Solid	**07-05-1939-2**	**05/24/07**	**Solid**	**GC/MS S**	**05/29/07**	**05/29/07**	**070529L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	3100	810	25		c-1,3-Dichloropropene	ND	120	32	25	
Benzene	ND	120	19	25		t-1,3-Dichloropropene	ND	120	25	25	
Bromobenzene	ND	120	20	25		Ethylbenzene	66	120	19	25	J
Bromochloromethane	ND	120	38	25		2-Hexanone	ND	1200	360	25	
Bromodichloromethane	ND	120	21	25		Isopropylbenzene	48	120	20	25	J
Bromoform	ND	120	48	25		p-Isopropyltoluene	120	120	21	25	J
Bromomethane	ND	620	96	25		Methylene Chloride	ND	1200	570	25	
2-Butanone	ND	1200	610	25		4-Methyl-2-Pentanone	ND	1200	290	25	
n-Butylbenzene	400	120	31	25	I	Naphthalene	1400	1200	140	25	
sec-Butylbenzene	51	120	29	25	J	n-Propylbenzene	65	120	20	25	J
tert-Butylbenzene	ND	120	25	25		Styrene	ND	120	13	25	
Carbon Disulfide	ND	1200	22	25		1,1,1,2-Tetrachloroethane	ND	120	33	25	
Carbon Tetrachloride	ND	120	34	25		1,1,2,2-Tetrachloroethane	ND	120	41	25	
Chlorobenzene	ND	120	18	25		Tetrachloroethene	ND	120	26	25	
Chloroethane	ND	120	46	25		Toluene	260	120	13	25	
Chloroform	ND	120	25	25		1,2,3-Trichlorobenzene	ND	250	30	25	
Chloromethane	ND	620	43	25		1,2,4-Trichlorobenzene	ND	120	34	25	
2-Chlorotoluene	ND	120	16	25		1,1,1-Trichloroethane	ND	120	20	25	
4-Chlorotoluene	ND	120	30	25		1,1,2-Trichloroethane	ND	120	31	25	
Dibromochloromethane	ND	120	42	25		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1200	45	25	
1,2-Dibromo-3-Chloropropane	ND	250	210	25		Trichloroethene	ND	120	22	25	
1,2-Dibromoethane	ND	120	38	25		1,2,3-Trichloropropane	ND	120	53	25	
Dibromomethane	ND	120	46	25		1,2,4-Trimethylbenzene	1500	120	21	25	
1,2-Dichlorobenzene	ND	120	26	25		Trichlorofluoromethane	ND	1200	31	25	
1,3-Dichlorobenzene	ND	120	23	25		1,3,5-Trimethylbenzene	1400	120	20	25	
1,4-Dichlorobenzene	ND	120	23	25		Vinyl Acetate	ND	1200	420	25	
Dichlorodifluoromethane	ND	120	34	25		Vinyl Chloride	ND	120	25	25	
1,1-Dichloroethane	ND	120	24	25		p/m-Xylene	1400	120	33	25	
1,2-Dichloroethane	ND	120	22	25		o-Xylene	2300	120	16	25	
1,1-Dichloroethene	ND	120	21	25		Methyl-t-Butyl Ether (MTBE)	ND	120	19	25	
c-1,2-Dichloroethene	ND	120	21	25		Tert-Butyl Alcohol (TBA)	ND	1200	850	25	
t-1,2-Dichloroethene	ND	120	35	25		Diisopropyl Ether (DIPE)	ND	250	39	25	
1,2-Dichloropropane	ND	120	18	25		Ethyl-t-Butyl Ether (ETBE)	ND	250	16	25	
1,3-Dichloropropane	ND	120	24	25		Tert-Amyl-Methyl Ether (TAME)	ND	250	17	25	
2,2-Dichloropropane	ND	120	84	25		Ethanol	ND	6200	5200	25	
1,1-Dichloropropene	ND	120	28	25							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	73-139		1,2-Dichloroethane-d4	91	73-145	
Toluene-d8	105	90-108		1,4-Bromofluorobenzene	96	71-113	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.	Date Received:	05/26/07
815 Industry Drive	Work Order No:	07-05-1939
Tukwila, WA 98188-3411	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/kg
Project: ExxonMobil 99-MPB		Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-005-14,167**	**N/A**	**Solid**	**GC/MS S**	**05/29/07**	**05/29/07**	**070529L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	3100	810	25		c-1,3-Dichloropropene	ND	120	32	25	
Benzene	ND	120	19	25		t-1,3-Dichloropropene	ND	120	25	25	
Bromobenzene	ND	120	20	25		Ethylbenzene	ND	120	19	25	
Bromochloromethane	ND	120	38	25		2-Hexanone	ND	1200	360	25	
Bromodichloromethane	ND	120	21	25		Isopropylbenzene	ND	120	20	25	
Bromoform	ND	120	48	25		p-Isopropyltoluene	ND	120	21	25	
Bromomethane	ND	620	96	25		Methylene Chloride	ND	1200	570	25	
2-Butanone	ND	1200	610	25		4-Methyl-2-Pentanone	ND	1200	290	25	
n-Butylbenzene	ND	120	31	25		Naphthalene	ND	1200	140	25	
sec-Butylbenzene	ND	120	29	25		n-Propylbenzene	ND	120	20	25	
tert-Butylbenzene	ND	120	25	25		Styrene	ND	120	13	25	
Carbon Disulfide	ND	1200	22	25		1,1,1,2-Tetrachloroethane	ND	120	33	25	
Carbon Tetrachloride	ND	120	34	25		1,1,2,2-Tetrachloroethane	ND	120	41	25	
Chlorobenzene	ND	120	18	25		Tetrachloroethene	ND	120	26	25	
Chloroethane	ND	120	46	25		Toluene	ND	120	13	25	
Chloroform	ND	120	25	25		1,2,3-Trichlorobenzene	ND	250	30	25	
Chloromethane	ND	620	43	25		1,2,4-Trichlorobenzene	ND	120	34	25	
2-Chlorotoluene	ND	120	16	25		1,1,1-Trichloroethane	ND	120	20	25	
4-Chlorotoluene	ND	120	30	25		1,1,2-Trichloroethane	ND	120	31	25	
Dibromochloromethane	ND	120	42	25		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1200	45	25	
1,2-Dibromo-3-Chloropropane	ND	250	210	25		Trichloroethene	ND	120	22	25	
1,2-Dibromoethane	ND	120	38	25		1,2,3-Trichloropropane	ND	120	53	25	
Dibromomethane	ND	120	46	25		1,2,4-Trimethylbenzene	ND	120	21	25	
1,2-Dichlorobenzene	ND	120	26	25		Trichlorofluoromethane	ND	1200	31	25	
1,3-Dichlorobenzene	ND	120	23	25		1,3,5-Trimethylbenzene	ND	120	20	25	
1,4-Dichlorobenzene	ND	120	23	25		Vinyl Acetate	ND	1200	420	25	
Dichlorodifluoromethane	ND	120	34	25		Vinyl Chloride	ND	120	25	25	
1,1-Dichloroethane	ND	120	24	25		p/m-Xylene	ND	120	33	25	
1,2-Dichloroethane	ND	120	22	25		o-Xylene	ND	120	16	25	
1,1-Dichloroethene	ND	120	21	25		Methyl-t-Butyl Ether (MTBE)	ND	120	19	25	
c-1,2-Dichloroethene	ND	120	21	25		Tert-Butyl Alcohol (TBA)	ND	1200	850	25	
t-1,2-Dichloroethene	ND	120	35	25		Diisopropyl Ether (DIPE)	ND	250	39	25	
1,2-Dichloropropane	ND	120	18	25		Ethyl-t-Butyl Ether (ETBE)	ND	250	16	25	
1,3-Dichloropropane	ND	120	24	25		Tert-Amyl-Methyl Ether (TAME)	ND	250	17	25	
2,2-Dichloropropane	ND	120	84	25		Ethanol	ND	6200	5200	25	
1,1-Dichloropropene	ND	120	28	25							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	73-139		1,2-Dichloroethane-d4	94	73-145	
Toluene-d8	103	90-108		1,4-Bromofluorobenzene	101	71-113	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: 05/26/07
Work Order No: 07-05-1939
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: ExxonMobil 99-MPB

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
UST-Fluid	**07-05-1939-1**	**05/24/07**	**Aqueous**	**GC/MS U**	**05/29/07**	**05/29/07**	**070529L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	250	35	5		c-1,3-Dichloropropene	ND	2.5	1.4	5	
Benzene	ND	2.5	0.96	5		t-1,3-Dichloropropene	ND	2.5	1.3	5	
Bromobenzene	ND	5.0	1.3	5		Ethylbenzene	1.6	5.0	0.67	5	J
Bromochloromethane	ND	5.0	4.4	5		2-Hexanone	ND	50	17	5	
Bromodichloromethane	ND	5.0	1.1	5		Isopropylbenzene	2.8	5.0	0.50	5	J
Bromoform	ND	5.0	4.3	5		p-Isopropyltoluene	110	5.0	0.68	5	
Bromomethane	ND	50	17	5		Methylene Chloride	ND	50	49	5	
2-Butanone	ND	50	40	5		4-Methyl-2-Pentanone	ND	50	10	5	
n-Butylbenzene	94	5.0	1.2	5		Naphthalene	5.3	50	2.1	5	J
sec-Butylbenzene	32	5.0	1.5	5		n-Propylbenzene	2.9	5.0	0.61	5	J
tert-Butylbenzene	ND	5.0	0.93	5		Styrene	ND	5.0	0.78	5	
Carbon Disulfide	ND	50	9.2	5		1,1,1,2-Tetrachloroethane	ND	5.0	2.2	5	
Carbon Tetrachloride	ND	2.5	1.5	5		1,1,2,2-Tetrachloroethane	ND	5.0	2.3	5	
Chlorobenzene	ND	5.0	0.81	5		Tetrachloroethene	ND	5.0	1.5	5	
Chloroethane	ND	5.0	3.5	5		Toluene	1.8	5.0	1.1	5	J
Chloroform	ND	5.0	1.5	5		1,2,3-Trichlorobenzene	ND	5.0	1.3	5	
Chloromethane	ND	50	10	5		1,2,4-Trichlorobenzene	ND	5.0	1.5	5	
2-Chlorotoluene	ND	5.0	0.79	5		1,1,1-Trichloroethane	ND	5.0	1.7	5	
4-Chlorotoluene	ND	5.0	0.89	5		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	3.1	5	
Dibromochloromethane	ND	5.0	2.0	5		1,1,2-Trichloroethane	ND	5.0	3.9	5	
1,2-Dibromo-3-Chloropropane	ND	25	16	5		Trichloroethene	ND	5.0	1.5	5	
1,2-Dibromoethane	ND	5.0	2.0	5		Trichlorofluoromethane	ND	50	4.1	5	
Dibromomethane	ND	5.0	4.1	5		1,2,3-Trichloropropane	ND	25	14	5	
1,2-Dichlorobenzene	ND	5.0	0.74	5		1,2,4-Trimethylbenzene	290	5.0	0.67	5	
1,3-Dichlorobenzene	ND	5.0	0.76	5		1,3,5-Trimethylbenzene	480	5.0	4.3	5	
1,4-Dichlorobenzene	ND	5.0	0.87	5		Vinyl Acetate	ND	50	32	5	
Dichlorodifluoromethane	ND	5.0	1.6	5		Vinyl Chloride	ND	2.5	1.2	5	
1,1-Dichloroethane	ND	5.0	1.2	5		p/m-Xylene	210	5.0	1.4	5	
1,2-Dichloroethane	17	2.5	1.2	5		o-Xylene	380	5.0	0.85	5	
1,1-Dichloroethene	ND	5.0	1.3	5		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.1	5	
c-1,2-Dichloroethene	ND	5.0	3.2	5		Tert-Butyl Alcohol (TBA)	120	50	46	5	
t-1,2-Dichloroethene	ND	5.0	4.1	5		Diisopropyl Ether (DIPE)	ND	10	1.9	5	
1,2-Dichloropropane	ND	5.0	2.8	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	2.3	5	
1,3-Dichloropropane	ND	5.0	1.4	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	2.5	5	
2,2-Dichloropropane	ND	5.0	1.4	5		Ethanol	590	500	350	5	
1,1-Dichloropropene	ND	5.0	3.1	5							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	74-140		1,2-Dichloroethane-d4	106	74-146	
Toluene-d8	110	88-112		1,4-Bromofluorobenzene	108	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: 05/26/07
Work Order No: 07-05-1939
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: ExxonMobil 99-MPB

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-21,542**	**N/A**	**Aqueous**	**GC/MS U**	**05/29/07**	**05/29/07**	**070529L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Benzene	ND	0.50	0.19	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromobenzene	ND	1.0	0.26	1		Ethylbenzene	ND	1.0	0.13	1	
Bromochloromethane	ND	1.0	0.88	1		2-Hexanone	ND	10	3.4	1	
Bromodichloromethane	ND	1.0	0.21	1		Isopropylbenzene	ND	1.0	0.10	1	
Bromoform	ND	1.0	0.87	1		p-Isopropyltoluene	ND	1.0	0.14	1	
Bromomethane	ND	10	3.5	1		Methylene Chloride	ND	10	9.7	1	
2-Butanone	ND	10	8.0	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
n-Butylbenzene	ND	1.0	0.25	1		Naphthalene	ND	10	0.42	1	
sec-Butylbenzene	ND	1.0	0.29	1		n-Propylbenzene	ND	1.0	0.12	1	
tert-Butylbenzene	ND	1.0	0.19	1		Styrene	ND	1.0	0.16	1	
Carbon Disulfide	ND	10	1.8	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Carbon Tetrachloride	ND	0.50	0.29	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chlorobenzene	ND	1.0	0.16	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloroethane	ND	1.0	0.70	1		Toluene	ND	1.0	0.23	1	
Chloroform	ND	1.0	0.29	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
Chloromethane	ND	10	2.1	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.61	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dibromoethane	ND	1.0	0.41	1		Trichlorofluoromethane	ND	10	0.83	1	
Dibromomethane	ND	1.0	0.82	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		Vinyl Acetate	ND	10	6.4	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethane	ND	1.0	0.25	1		p/m-Xylene	ND	1.0	0.27	1	
1,2-Dichloroethane	ND	0.50	0.25	1		o-Xylene	ND	1.0	0.17	1	
1,1-Dichloroethene	ND	1.0	0.26	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		Tert-Butyl Alcohol (TBA)	ND	10	9.2	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Diisopropyl Ether (DIPE)	ND	2.0	0.39	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.46	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.50	1	
2,2-Dichloropropane	ND	1.0	0.29	1		Ethanol	ND	100	70	1	
1,1-Dichloropropene	ND	1.0	0.62	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	104	74-140		1,2-Dichloroethane-d4	105	74-146	
Toluene-d8	104	88-112		1,4-Bromofluorobenzene	97	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: 05/26/07
Work Order No: 07-05-1939
Preparation: EPA 3050B
Method: EPA 6010B

Project ExxonMobil 99-MPB

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-05-1886-5	**Solid**	**ICP 5300**	**05/29/07**	**05/30/07**	**070529S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	94	88	75-125	5	0-20	
Barium	86	84	75-125	1	0-20	
Cadmium	97	96	75-125	1	0-20	
Chromium	95	94	75-125	1	0-20	
Lead	97	96	75-125	1	0-20	
Selenium	97	94	75-125	3	0-20	
Silver	94	93	75-125	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Post Digestion Spike (PDS)/PDS Duplicate

Environmental Resolutions, Inc.		Date Received:	05/26/07
815 Industry Drive		Work Order No.:	07-05-1939
Tukwila, WA 98188-3411		Preparation:	EPA 3050B
		Method:	EPA 6010B

Project: ExxonMobil 99-MPB

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
07-05-1886-5	**Solid**	**ICP 5300**	**05/29/07**	**05/30/07**	**070529PDS01**

Parameter	PDS %REC	PDSD %REC	%REC CL	RPD	RPD CL	Qualifier
Barium	86	84	75-125	1	0-20	

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: 05/26/07
Work Order No: 07-05-1939
Preparation: EPA 3010A Total
Method: EPA 6010B

Project ExxonMobil 99-MPB

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-05-1891-1	**Aqueous**	**ICP 5300**	**05/29/07**	**05/30/07**	**070529S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	102	101	80-140	0	0-11	
Barium	98	98	87-123	0	0-6	
Cadmium	98	98	82-124	0	0-7	
Chromium	96	96	86-122	1	0-8	
Lead	97	97	84-120	1	0-7	
Selenium	113	111	79-127	1	0-9	
Silver	98	100	86-128	1	0-7	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: 05/26/07
Work Order No: 07-05-1939
Preparation: EPA 7471A Total
Method: EPA 7471A

Project ExxonMobil 99-MPB

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-05-1886-5	**Solid**	**Mercury**	**05/29/07**	**05/29/07**	**070529S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	99	98	84-138	0	0-7	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: 05/26/07
Work Order No: 07-05-1939
Preparation: EPA 7470A Total
Method: EPA 7470A

Project ExxonMobil 99-MPB

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-05-1908-1	**Aqueous**	**Mercury**	**05/29/07**	**05/29/07**	**070529S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	90	89	66-126	1	0-7	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: 05/26/07
Work Order No: 07-05-1939
Preparation: EPA 3545
Method: EPA 8270C

Project ExxonMobil 99-MPB

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-05-1919-1	**Solid**	**GC/MS MM**	**05/29/07**	**05/29/07**	**070529S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	96	90	57-123	6	0-16	
2-Chlorophenol	91	86	57-111	6	0-17	
1,4-Dichlorobenzene	87	87	49-127	0	0-20	
N-Nitroso-di-n-propylamine	97	92	54-144	6	0-17	
1,2,4-Trichlorobenzene	82	82	42-132	0	0-20	
4-Chloro-3-Methylphenol	100	95	50-128	6	0-17	
Acenaphthene	93	94	49-133	1	0-18	
4-Nitrophenol	72	69	30-144	5	0-21	
2,4-Dinitrotoluene	84	81	50-128	5	0-18	
Pentachlorophenol	48	48	29-113	2	0-22	
Pyrene	81	79	47-149	3	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: 05/26/07
Work Order No: 07-05-1939
Preparation: EPA 5030B
Method: EPA 8260B

Project ExxonMobil 99-MPB

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-05-1648-2	**Solid**	**GC/MS S**	**05/29/07**	**05/29/07**	**070529S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	96	79-115	0	0-13	
Carbon Tetrachloride	100	107	55-139	7	0-15	
Chlorobenzene	93	92	79-115	0	0-17	
1,2-Dichlorobenzene	99	98	63-123	2	0-23	
1,1-Dichloroethene	97	95	69-123	2	0-16	
Toluene	97	95	79-115	2	0-15	
Trichloroethene	92	91	66-144	1	0-14	
Vinyl Chloride	83	86	60-126	3	0-14	
Methyl-t-Butyl Ether (MTBE)	94	95	68-128	1	0-14	
Tert-Butyl Alcohol (TBA)	113	112	44-134	0	0-37	
Diisopropyl Ether (DIPE)	97	94	75-123	3	0-12	
Ethyl-t-Butyl Ether (ETBE)	103	100	75-117	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	106	105	79-115	1	0-12	
Ethanol	89	99	42-138	10	0-28	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: 05/26/07
Work Order No: 07-05-1939
Preparation: EPA 5030B
Method: EPA 8260B

Project ExxonMobil 99-MPB

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
07-05-1686-3	**Aqueous**	**GC/MS U**	**05/29/07**	**05/29/07**	**070529S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	112	114	88-118	2	0-7	
Carbon Tetrachloride	112	117	67-145	4	0-11	
Chlorobenzene	108	109	88-118	1	0-7	
1,2-Dichlorobenzene	108	111	86-116	2	0-8	
1,1-Dichloroethene	115	115	70-130	0	0-25	
Toluene	112	110	87-123	1	0-8	
Trichloroethene	109	109	79-127	0	0-10	
Vinyl Chloride	102	103	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	103	109	71-131	5	0-13	
Tert-Butyl Alcohol (TBA)	100	100	36-168	0	0-45	
Diisopropyl Ether (DIPE)	109	119	81-123	9	0-9	
Ethyl-t-Butyl Ether (ETBE)	103	111	72-126	8	0-12	
Tert-Amyl-Methyl Ether (TAME)	102	104	72-126	2	0-12	
Ethanol	117	107	53-149	9	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: N/A
Work Order No: 07-05-1939
Preparation: EPA 3050B
Method: EPA 6010B

Project: ExxonMobil 99-MPB

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-9,300	**Solid**	**ICP 5300**	**05/29/07**	**05/29/07**	**070529L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	99	108	80-120	8	0-20	
Barium	107	116	80-120	8	0-20	
Cadmium	107	116	80-120	8	0-20	
Chromium	106	115	80-120	8	0-20	
Lead	106	115	80-120	8	0-20	
Selenium	97	105	80-120	8	0-20	
Silver	102	111	80-120	8	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: N/A
Work Order No: 07-05-1939
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: ExxonMobil 99-MPB

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-7,176	**Aqueous**	**ICP 5300**	**05/29/07**	**05/29/07**	**070529L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	102	101	80-120	0	0-20	
Barium	108	104	80-120	3	0-20	
Cadmium	108	104	80-120	4	0-20	
Chromium	107	108	80-120	1	0-20	
Lead	107	105	80-120	2	0-20	
Selenium	95	97	80-120	2	0-20	
Silver	103	100	80-120	3	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: N/A
Work Order No: 07-05-1939
Preparation: EPA 7471A Total
Method: EPA 7471A

Project: ExxonMobil 99-MPB

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-4,657	**Solid**	**Mercury**	**05/29/07**	**05/29/07**	**070529L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	102	102	87-117	0	0-3	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.	Date Received:	N/A
815 Industry Drive	Work Order No:	07-05-1939
Tukwila, WA 98188-3411	Preparation:	EPA 7470A Total
	Method:	EPA 7470A

Project: ExxonMobil 99-MPB

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-008-2,970	**Aqueous**	**Mercury**	**05/29/07**	**05/29/07**	**070529L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	100	100	85-121	0	0-4	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: N/A
Work Order No: 07-05-1939
Preparation: EPA 3510B
Method: EPA 8270C

Project: ExxonMobil 99-MPB

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-003-2,164	**Aqueous**	**GC/MS P**	**05/29/07**	**05/29/07**	**070529L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	34	35	4-142	1	0-24	
2-Chlorophenol	75	75	53-113	1	0-17	
1,4-Dichlorobenzene	74	75	50-122	2	0-19	
N-Nitroso-di-n-propylamine	80	80	56-146	0	0-22	
4-Chloro-3-Methylphenol	85	86	55-121	1	0-18	
Acenaphthene	93	93	55-139	1	0-17	
4-Nitrophenol	36	38	1-145	3	0-29	
2,4-Dinitrotoluene	79	81	41-161	2	0-22	
Pentachlorophenol	74	75	34-130	2	0-23	
Pyrene	115	114	38-170	1	0-27	
1,2,4-Trichlorobenzene	80	78	49-121	2	0-19	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Environmental Resolutions, Inc.		Date Received:	N/A
815 Industry Drive		Work Order No:	07-05-1939
Tukwila, WA 98188-3411		Preparation:	EPA 3545
		Method:	EPA 8270C

Project: ExxonMobil 99-MPB

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-12-549-57	**Solid**	**GC/MS MM**	**05/29/07**	**29MAY004.rr**	**070529L01**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Phenol	10.0	8.02	80	59-125	
2-Chlorophenol	10.0	7.62	76	60-114	
1,4-Dichlorobenzene	10.0	7.76	78	61-121	
N-Nitroso-di-n-propylamine	10.0	7.86	79	64-136	
1,2,4-Trichlorobenzene	10.0	6.99	70	58-118	
4-Chloro-3-Methylphenol	10.0	8.02	80	61-121	
Acenaphthene	10.0	7.50	75	59-125	
4-Nitrophenol	10.0	6.26	63	38-152	
2,4-Dinitrotoluene	10.0	6.79	68	51-141	
Pentachlorophenol	10.0	3.75	38	38-116	
Pyrene	10.0	6.98	70	51-141	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: N/A
Work Order No: 07-05-1939
Preparation: EPA 5030B
Method: EPA 8260B

Project: ExxonMobil 99-MPB

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-005-14,167	**Solid**	**GC/MS S**	**05/29/07**	**05/29/07**	**070529L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	96	84-114	3	0-7	
Carbon Tetrachloride	111	110	66-132	0	0-12	
Chlorobenzene	92	95	87-111	3	0-7	
1,2-Dichlorobenzene	93	95	79-115	2	0-8	
1,1-Dichloroethene	99	97	73-121	2	0-12	
Toluene	94	97	78-114	4	0-7	
Trichloroethene	90	95	84-114	5	0-8	
Vinyl Chloride	86	83	63-129	4	0-15	
Methyl-t-Butyl Ether (MTBE)	103	99	77-125	4	0-11	
Tert-Butyl Alcohol (TBA)	127	123	47-137	3	0-27	
Diisopropyl Ether (DIPE)	103	103	76-130	0	0-8	
Ethyl-t-Butyl Ether (ETBE)	106	111	76-124	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	104	108	82-118	3	0-11	
Ethanol	106	101	59-131	4	0-21	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188-3411

Date Received: N/A
Work Order No: 07-05-1939
Preparation: EPA 5030B
Method: EPA 8260B

Project: ExxonMobil 99-MPB

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-21,542	**Aqueous**	**GC/MS U**	**05/29/07**	**05/29/07**	**070529L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	111	110	84-120	1	0-8	
Carbon Tetrachloride	115	112	63-147	3	0-10	
Chlorobenzene	108	107	89-119	0	0-7	
1,2-Dichlorobenzene	109	111	89-119	2	0-9	
1,1-Dichloroethene	112	115	77-125	3	0-16	
Toluene	108	109	83-125	2	0-9	
Trichloroethene	106	106	89-119	0	0-8	
Vinyl Chloride	108	108	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	106	108	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	96	97	46-154	1	0-32	
Diisopropyl Ether (DIPE)	114	112	81-123	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	108	108	74-122	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	104	105	76-124	1	0-10	
Ethanol	111	113	60-138	2	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-05-1939

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
I	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

DATE: 5/25/07

PAGE: 1 OF 1

LABORATORY CLIENT: Environmental Resolutions, Inc
ADDRESS: 815 Industry Drive
CITY: Tukwila, WA 98188
TEL: 206-575-6422 FAX: 206-575-6423 E-MAIL: jmeyer@eri-us.com

CLIENT PROJECT NAME / NUMBER: Former Mobil Station 99-MPB
P.O. NO.: 31163
PROJECT CONTACT: John K. Meyer
QUOTE NO.:
SAMPLER(S): (SIGNATURE)
LAB USE ONLY: 05-1939

TURNAROUND TIME
☐ SAME DAY ☒ 24 HR ☐ 48HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ ARCHIVE SAMPLES UNTIL ___/___/___

SPECIAL INSTRUCTIONS
FedEx Tracking Number 792350431334
Invoice to ERI at above address
Results due by COB Wednesday 5/30

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	LOCATION/ DESCRIPTION	SAMPLING DATE	SAMPLING TIME	Matrix	#Cont	Please list tests required	8260	8270	RCRA Metals
1	UST-Fluid		05/24/07	15:50	W	6		X	X	X
2	UST-Solid		05/24/07	15:55	S	4		X	X	X

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) Fedex	Received by: (Signature)	Date: 5/26/07	Time: ~~1000~~ 10:30

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 05 - 1939

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: ERI **DATE:** 5/26/07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
2.0 °C IR thermometer.
_____ Ambient temperature.

Initial: RW

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: RW

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples		✓	
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace	✓		
Tedlar bag(s) free of condensation			✓

Initial: RW

COMMENTS:

~~No COC rec'd w/ Samples~~ HD
- COCs rec'd on 5/29/07 RW
Rec'd 4 x 8 oz jars (soil samples)
2 x 1L Amber w/ HCl
4 x 40ml Vials

RW

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

June 12, 2007 3:31:27PM

Client: ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn: Stephen Dailey

Work Order: NQF0422
Project Name: Exxon 99-MPB
Project Nbr: 31163
P/O Nbr: 4508139499
Date Received: 06/05/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
UST1	NQF0422-01	05/31/07 04:30
UST2	NQF0422-02	05/31/07 04:45
UST3	NQF0422-03	05/31/07 04:40

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.
.

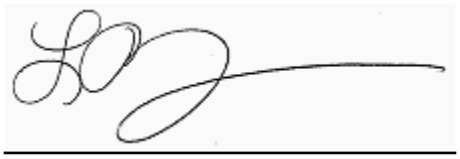
This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:
Samples were received in glass jars and prepped outside the 5035 method requirement time of 48 hours.
Washington Certification Number: C1712

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainity is available upon request.
This report has been electronically signed.
Report Approved By:



Leah R. Klingensmith

Senior Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0422
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	Stephen Dailey	Received:	06/05/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0422-01 (UST1 - Soil) Sampled: 05/31/07 04:30								
General Chemistry Parameters								
% Dry Solids	**72.9**		%	0.500	1	06/08/07 09:14	SW-846	7060929
Total Metals by EPA Method 6010B								
Lead	**7.73**		mg/kg dry	1.37	1	06/06/07 23:01	SW846 6010B	7060772
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND	PX	mg/kg dry	0.0336	50	06/07/07 13:22	SW846 8021B	7060684
Ethylbenzene	ND	PX	mg/kg dry	0.0672	50	06/07/07 13:22	SW846 8021B	7060684
Toluene	ND	PX	mg/kg dry	0.0672	50	06/07/07 13:22	SW846 8021B	7060684
Xylenes, total	ND	PX	mg/kg dry	0.202	50	06/07/07 13:22	SW846 8021B	7060684
Surr: a,a,a-Trifluorotoluene (59-159%)	*118 %*					*06/07/07 13:22*	*SW846 8021B*	*7060684*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.40	1	06/06/07 22:44	NWTPH-Dx	7060742
Motor Oil	ND	QSG	mg/kg dry	5.40	1	06/06/07 22:44	NWTPH-Dx	7060742
Surr: o-Terphenyl (32-132%)	*86 %*					*06/06/07 22:44*	*NWTPH-Dx*	*7060742*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND	PX	mg/kg dry	6.72	50	06/07/07 13:22	NWTPH-Gx	7060684
Surr: a,a,a-Trifluorotoluene (66-146%)	*118 %*					*06/07/07 13:22*	*NWTPH-Gx*	*7060684*
Sample ID: NQF0422-02 (UST2 - Soil) Sampled: 05/31/07 04:45								
General Chemistry Parameters								
% Dry Solids	**73.0**		%	0.500	1	06/08/07 09:14	SW-846	7060929
Total Metals by EPA Method 6010B								
Lead	**8.14**		mg/kg dry	1.35	1	06/06/07 23:05	SW846 6010B	7060772
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND	PX	mg/kg dry	0.0340	50	06/07/07 13:47	SW846 8021B	7060684
Ethylbenzene	ND	PX	mg/kg dry	0.0681	50	06/07/07 13:47	SW846 8021B	7060684
Toluene	ND	PX	mg/kg dry	0.0681	50	06/07/07 13:47	SW846 8021B	7060684
Xylenes, total	ND	PX	mg/kg dry	0.204	50	06/07/07 13:47	SW846 8021B	7060684
Surr: a,a,a-Trifluorotoluene (59-159%)	*119 %*					*06/07/07 13:47*	*SW846 8021B*	*7060684*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.30	1	06/06/07 23:01	NWTPH-Dx	7060742
Motor Oil	ND	QSG	mg/kg dry	5.30	1	06/06/07 23:01	NWTPH-Dx	7060742
Surr: o-Terphenyl (32-132%)	*89 %*					*06/06/07 23:01*	*NWTPH-Dx*	*7060742*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND	PX	mg/kg dry	6.81	50	06/07/07 13:47	NWTPH-Gx	7060684
Surr: a,a,a-Trifluorotoluene (66-146%)	*119 %*					*06/07/07 13:47*	*NWTPH-Gx*	*7060684*
Sample ID: NQF0422-03 (UST3 - Soil) Sampled: 05/31/07 04:40								
General Chemistry Parameters								
% Dry Solids	**74.2**		%	0.500	1	06/08/07 09:14	SW-846	7060929

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0422
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	Stephen Dailey	Received:	06/05/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0422-03 (UST3 - Soil) - cont. Sampled: 05/31/07 04:40								
Total Metals by EPA Method 6010B								
Lead	**8.32**		mg/kg dry	1.31	1	06/06/07 23:10	SW846 6010B	7060772
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND	PX	mg/kg dry	0.0330	50	06/07/07 14:12	SW846 8021B	7060684
Ethylbenzene	ND	PX	mg/kg dry	0.0661	50	06/07/07 14:12	SW846 8021B	7060684
Toluene	ND	PX	mg/kg dry	0.0661	50	06/07/07 14:12	SW846 8021B	7060684
Xylenes, total	ND	PX	mg/kg dry	0.198	50	06/07/07 14:12	SW846 8021B	7060684
Surr: a,a,a-Trifluorotoluene (59-159%)	*121 %*					*06/07/07 14:12*	*SW846 8021B*	*7060684*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.26	1	06/06/07 23:19	NWTPH-Dx	7060742
Motor Oil	**5.72**	QSG	mg/kg dry	5.26	1	06/06/07 23:19	NWTPH-Dx	7060742
Surr: o-Terphenyl (32-132%)	*88 %*					*06/06/07 23:19*	*NWTPH-Dx*	*7060742*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND	PX	mg/kg dry	6.61	50	06/07/07 14:12	NWTPH-Gx	7060684
Surr: a,a,a-Trifluorotoluene (66-146%)	*121 %*					*06/07/07 14:12*	*NWTPH-Gx*	*7060684*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0422
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	Stephen Dailey	Received:	06/05/07 07:50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
NWTPH-Dx	7060742	NQF0422-01	25.41	1.00	06/05/07 06:30	CDJ	EPA 3550B
NWTPH-Dx	7060742	NQF0422-02	25.86	1.00	06/05/07 06:30	CDJ	EPA 3550B
NWTPH-Dx	7060742	NQF0422-03	25.64	1.00	06/05/07 06:30	CDJ	EPA 3550B
Purgeable Petroleum Hydrocarbons							
NWTPH-Gx	7060684	NQF0422-01	5.10	5.00	06/05/07 14:40	NKN	EPA 5035A (GC)
NWTPH-Gx	7060684	NQF0422-02	5.03	5.00	06/05/07 14:43	NKN	EPA 5035A (GC)
NWTPH-Gx	7060684	NQF0422-03	5.10	5.00	06/05/07 14:46	NKN	EPA 5035A (GC)
Total Metals by EPA Method 6010B							
SW846 6010B	7060772	NQF0422-01	0.50	100.00	06/06/07 07:55	AMB	EPA 3051
SW846 6010B	7060772	NQF0422-02	0.51	100.00	06/06/07 07:55	AMB	EPA 3051
SW846 6010B	7060772	NQF0422-03	0.51	100.00	06/06/07 07:55	AMB	EPA 3051
Volatile Organic Compounds by EPA Method 8021B							
SW846 8021B	7060684	NQF0422-01	5.10	5.00	06/05/07 14:40	NKN	EPA 5035A (GC)
SW846 8021B	7060684	NQF0422-02	5.03	5.00	06/05/07 14:43	NKN	EPA 5035A (GC)
SW846 8021B	7060684	NQF0422-03	5.10	5.00	06/05/07 14:46	NKN	EPA 5035A (GC)

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0422
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	Stephen Dailey	Received:	06/05/07 07:50

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Total Metals by EPA Method 6010B						
7060772-BLK1						
Lead	<0.888		mg/kg wet	7060772	7060772-BLK1	06/06/07 22:09
Volatile Organic Compounds by EPA Method 8021B						
7060684-BLK1						
Benzene	<0.000400		mg/kg wet	7060684	7060684-BLK1	06/07/07 08:42
Ethylbenzene	<0.000400		mg/kg wet	7060684	7060684-BLK1	06/07/07 08:42
Toluene	<0.000300		mg/kg wet	7060684	7060684-BLK1	06/07/07 08:42
Xylenes, total	<0.000400		mg/kg wet	7060684	7060684-BLK1	06/07/07 08:42
Surrogate: a,a,a-Trifluorotoluene	119%			7060684	7060684-BLK1	06/07/07 08:42
Extractable Petroleum Hydrocarbons						
7060742-BLK1						
Diesel	<2.00		mg/kg wet	7060742	7060742-BLK1	06/07/07 09:07
Motor Oil	<2.00		mg/kg wet	7060742	7060742-BLK1	06/07/07 09:07
Surrogate: o-Terphenyl	81%			7060742	7060742-BLK1	06/07/07 09:07
Purgeable Petroleum Hydrocarbons						
7060684-BLK1						
GRO (C4-C12) NW	<0.0180		mg/kg wet	7060684	7060684-BLK1	06/07/07 08:42
Surrogate: a,a,a-Trifluorotoluene	119%			7060684	7060684-BLK1	06/07/07 08:42

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0422
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	Stephen Dailey	Received:	06/05/07 07:50

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B									
7060684-DUP1									
Benzene	ND	ND		mg/kg dry		48	7060684	NQF0422-02	06/07/07 14:37
Ethylbenzene	ND	ND		mg/kg dry		46	7060684	NQF0422-02	06/07/07 14:37
Toluene	ND	ND		mg/kg dry		50	7060684	NQF0422-02	06/07/07 14:37
Xylenes, total	ND	ND		mg/kg dry		50	7060684	NQF0422-02	06/07/07 14:37
Surrogate: a,a,a-Trifluorotoluene		36.5		ug/L			7060684	NQF0422-02	06/07/07 14:37
Purgeable Petroleum Hydrocarbons									
7060684-DUP1									
GRO (C4-C12) NW	ND	ND		mg/kg dry		37	7060684	NQF0422-02	06/07/07 14:37
Surrogate: a,a,a-Trifluorotoluene		36.5		ug/L			7060684	NQF0422-02	06/07/07 14:37

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0422
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	Stephen Dailey	Received:	06/05/07 07:50

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Total Metals by EPA Method 6010B								
7060772-BS1								
Lead	100	95.4		mg/kg wet	95%	80 - 120	7060772	06/06/07 22:14
Volatile Organic Compounds by EPA Method 8021B								
7060684-BS1								
Benzene	0.100	0.105		mg/kg wet	105%	69 - 131	7060684	06/07/07 12:07
Ethylbenzene	0.100	0.106		mg/kg wet	106%	79 - 123	7060684	06/07/07 12:07
Toluene	0.100	0.102		mg/kg wet	102%	74 - 122	7060684	06/07/07 12:07
Xylenes, total	0.200	0.202		mg/kg wet	101%	75 - 125	7060684	06/07/07 12:07
Surrogate: a,a,a-Trifluorotoluene	30.0	37.2			124%	59 - 159	7060684	06/07/07 12:07
Extractable Petroleum Hydrocarbons								
7060742-BS1								
Diesel	40.0	38.1		mg/kg wet	95%	59 - 135	7060742	06/06/07 21:50
Surrogate: o-Terphenyl	0.800	0.777			97%	32 - 132	7060742	06/06/07 21:50
Purgeable Petroleum Hydrocarbons								
7060684-BS2								
GRO (C4-C12) NW	1.00	0.999		mg/kg wet	100%	72 - 126	7060684	06/07/07 12:32
Surrogate: a,a,a-Trifluorotoluene	30.0	38.6			129%	66 - 146	7060684	06/07/07 12:32

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0422
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	Stephen Dailey	Received:	06/05/07 07:50

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Total Metals by EPA Method 6010B										
7060772-MS1										
Lead	92.4	196		mg/kg wet	97.8	106%	75 - 125	7060772	NQF0458-01	06/06/07 23:48
Extractable Petroleum Hydrocarbons										
7060742-MS1										
Diesel	ND	47.6		mg/kg dry	53.5	89%	35 - 145	7060742	NQF0422-01	06/06/07 22:08
Surrogate: o-Terphenyl		0.924		mg/kg dry	1.07	86%	32 - 132	7060742	NQF0422-01	06/06/07 22:08

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0422
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	Stephen Dailey	Received:	06/05/07 07:50

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
7060772-MSD1												
Lead	92.4	206		mg/kg wet	96.5	118%	75 - 125	5	20	7060772	NQF0458-01	06/06/07 23:53
Extractable Petroleum Hydrocarbons												
7060742-MSD1												
Diesel	ND	49.8		mg/kg dry	53.5	93%	35 - 145	5	43	7060742	NQF0422-01	06/06/07 22:26
Surrogate: o-Terphenyl		0.937		mg/kg dry	1.07	88%	32 - 132			7060742	NQF0422-01	06/06/07 22:26

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0422
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	Stephen Dailey	Received:	06/05/07 07:50

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	Washington
NWTPH-Dx	Soil	N/A	X	X
NWTPH-Gx	Soil	N/A	X	X
SW846 6010B	Soil	N/A	X	X
SW846 8021B	Soil	N/A	X	X
SW-846	Soil			

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0422
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	Stephen Dailey	Received:	06/05/07 07:50

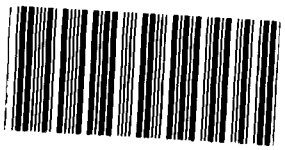
DATA QUALIFIERS AND DEFINITIONS

PX Sample for VOA analysis not received in preserved VOA vials or Encore or similar sampling device.
QSG Silica Gel clean-up performed on extracts.
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION
Nashville, TN

COOLER RECEIPT FORM



NQF0422

Cooler Received/Opened On 6-5-07 7:50

1. Tracking # 3955 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID 101507

2. Temperature of rep. sample or temp blank when opened: 3.0 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

4. Were custody seals on outside of cooler? (YES)...NO...NA

If yes, how many and where: 2 Front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) WS

7. Were custody seals on containers: YES (NO) and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) (Plastic bag) Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? YES...(NO)...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...(NA)

14. Was there a Trip Blank in this cooler? YES...NO...(NA) If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) WS

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) WS

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) WS

I certify that I attached a label with the unique LIMS number to each container (intial) WS

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 815 Industry Drive
City/State/Zip: Tukwila, WA 98188
ExxonMobil Territory Mgr: Tim Strawn
Consultant Project Mgr: Stephen Dailey
Consultant Telephone Number: 206-575-6220 **Fax No.:** 206-575-6423
Sampler Name: (Print) John K. Meyer
Sampler Signature:

TA Account #: 10313
Invoice To: Tim Strawn
Report To: Stephen Dailey
PO #: 4506754192
Facility ID # 99-MPB
Site Address 2200 24th Ave East
City, State, Zip Seattle, WA 98112
Regulatory District (CA) N/A

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: NWTPH-G/BTEX	TPH-D by NWTPH-Dx	Total Pb	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days	Fax Results (yes or no)	Due Date of Report
UST1	5/31/2007	4:30	2	X										X					X		X	X	X		5		-01
UST2	5/31/2007	4:45	2	X										X					X		X	X	X		5		-02
UST3	5/31/2007	4:40	2	X										X					X		X	X	X		5		-03

NQF0422
06/12/07 23:59

Comments/Special Instructions: **ERI Project Number 31163**

Laboratory Comments:
Temperature Upon Receipt: 3.6°C
Sample Containers Intact? (Y) N
VOCs Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please a pre-schedule w/ TestAmerica Project Manager or attach specifc instructions

Relinquished by:	Date	Time	Received by:	Date	Time
Rory G. Henneck	6/4/2007	7:30			
Relinquished by:	Date	Time	Received by (Lab personel)	Date	Time
				6/5/07	7:50

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

June 14, 2007 2:22:13PM

Client: ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn: John K. Meyer

Work Order: NQF0765
Project Name: Exxon 99-MPB
Project Nbr: 31163
P/O Nbr: 4508139499
Date Received: 06/07/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
SP1-5	NQF0765-01	06/04/07 00:01
SP1-8	NQF0765-02	06/04/07 00:01
SP1-15	NQF0765-03	06/04/07 00:01
SP2-5	NQF0765-04	06/04/07 00:01
SP2-11	NQF0765-05	06/04/07 00:01
SP2-16	NQF0765-06	06/04/07 00:01
SP3-5	NQF0765-07	06/04/07 00:01
SP3-9	NQF0765-08	06/05/07 00:01
SP3-13	NQF0765-09	06/05/07 00:01
SP4-5	NQF0765-10	06/04/07 00:01
SP4-8	NQF0765-11	06/04/07 00:01
SP4-11	NQF0765-12	06/05/07 00:01
SP4-18	NQF0765-13	06/05/07 00:01
SP5-5	NQF0765-14	06/04/07 00:01
SP5-11	NQF0765-15	06/05/07 00:01
SP5-19	NQF0765-16	06/05/07 00:01
SP6-5	NQF0765-17	06/05/07 00:01
SP6-11	NQF0765-18	06/05/07 00:01
SP7-5	NQF0765-19	06/05/07 00:01
SP7-11	NQF0765-20	06/05/07 00:01
SP7-14	NQF0765-21	06/05/07 00:01
SP7-20	NQF0765-22	06/05/07 00:01
SP7-22	NQF0765-23	06/05/07 00:01
SP8-5	NQF0765-24	06/05/07 00:01
SP8-11	NQF0765-25	06/05/07 00:01
SP8-16	NQF0765-26	06/05/07 00:01

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

SP8-18	NQF0765-27	06/05/07 00:01
SP9-5	NQF0765-28	06/05/07 00:01
SP9-12	NQF0765-29	06/05/07 00:01
SP9-20	NQF0765-30	06/05/07 00:01
SP10-5	NQF0765-31	06/05/07 00:01
SP10-11	NQF0765-32	06/05/07 00:01
SP10-15	NQF0765-33	06/05/07 00:01
SP11-5	NQF0765-34	06/05/07 00:01
SP11-12	NQF0765-35	06/05/07 00:01
SP12-5	NQF0765-36	06/05/07 00:01
SP12-11	NQF0765-37	06/05/07 00:01
SP12-20	NQF0765-38	06/05/07 00:01
SP13-5	NQF0765-39	06/05/07 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.
.

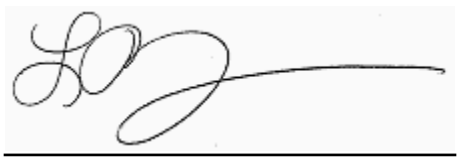
This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:
Analysis for BTEX by 8021B & NWTPH-Gx for sample SP8-18(NQF0765-27), was performed from an aliquot prepped from a jar greater than 48 hours after collection. The methanol prepped vials provided did not contain enough volume of solvent in order to run the analysis.
Washington Certification Number: C1712

The Chain(s) of Custody, 5 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainity is available upon request.
This report has been electronically signed.
Report Approved By:



Leah R. Klingensmith

Senior Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-01 (SP1-5 - Soil) Sampled: 06/04/07 00:01								
General Chemistry Parameters								
% Dry Solids	**77.0**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0267	50	06/08/07 20:50	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0533	50	06/08/07 20:50	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0533	50	06/08/07 20:50	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.160	50	06/08/07 20:50	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*104 %*					*06/08/07 20:50*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.08	1	06/12/07 15:13	NWTPH-Dx	7061273
Motor Oil	ND	QSG	mg/kg dry	5.08	1	06/12/07 15:13	NWTPH-Dx	7061273
Surr: o-Terphenyl (50-150%)	*52 %*					*06/12/07 15:13*	*NWTPH-Dx*	*7061273*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	5.33	50	06/08/07 20:50	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*104 %*					*06/08/07 20:50*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-02 (SP1-8 - Soil) Sampled: 06/04/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.6**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0248	50	06/08/07 21:17	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0495	50	06/08/07 21:17	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0495	50	06/08/07 21:17	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.149	50	06/08/07 21:17	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*104 %*					*06/08/07 21:17*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.51	1	06/12/07 15:31	NWTPH-Dx	7061273
Motor Oil	ND	QSG	mg/kg dry	4.51	1	06/12/07 15:31	NWTPH-Dx	7061273
Surr: o-Terphenyl (50-150%)	*75 %*					*06/12/07 15:31*	*NWTPH-Dx*	*7061273*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	4.95	50	06/08/07 21:17	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*104 %*					*06/08/07 21:17*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-03 (SP1-15 - Soil) Sampled: 06/04/07 00:01								
General Chemistry Parameters								
% Dry Solids	**79.3**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Total Metals by EPA Method 6010B								
Lead	**1.76**		mg/kg dry	1.22	1	06/08/07 17:49	SW846 6010B	7061280
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0250	50	06/08/07 21:44	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0500	50	06/08/07 21:44	SW846 8021B	7061196

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-03 (SP1-15 - Soil) - cont. Sampled: 06/04/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Toluene	ND		mg/kg dry	0.0500	50	06/08/07 21:44	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.150	50	06/08/07 21:44	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*104 %*					*06/08/07 21:44*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.91	1	06/12/07 15:48	NWTPH-Dx	7061273
Motor Oil	ND	QSG	mg/kg dry	4.91	1	06/12/07 15:48	NWTPH-Dx	7061273
Surr: o-Terphenyl (50-150%)	*52 %*					*06/12/07 15:48*	*NWTPH-Dx*	*7061273*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	5.00	50	06/08/07 21:44	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*104 %*					*06/08/07 21:44*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-04 (SP2-5 - Soil) Sampled: 06/04/07 00:01								
General Chemistry Parameters								
% Dry Solids	**73.0**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0318	50	06/08/07 22:12	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0635	50	06/08/07 22:12	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0635	50	06/08/07 22:12	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.191	50	06/08/07 22:12	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*100 %*					*06/08/07 22:12*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.46	1	06/14/07 10:34	NWTPH-Dx	7062246
Motor Oil	ND	QSG	mg/kg dry	5.46	1	06/14/07 10:34	NWTPH-Dx	7062246
Surr: o-Terphenyl (50-150%)	*102 %*					*06/14/07 10:34*	*NWTPH-Dx*	*7062246*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	6.35	50	06/08/07 22:12	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*100 %*					*06/08/07 22:12*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-05 (SP2-11 - Soil) Sampled: 06/04/07 00:01								
General Chemistry Parameters								
% Dry Solids	**72.7**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.758**		mg/kg dry	0.0263	50	06/08/07 22:39	SW846 8021B	7061196
Ethylbenzene	**1.29**		mg/kg dry	0.0526	50	06/08/07 22:39	SW846 8021B	7061196
Toluene	**0.445**		mg/kg dry	0.0526	50	06/08/07 22:39	SW846 8021B	7061196
Xylenes, total	**0.435**		mg/kg dry	0.158	50	06/08/07 22:39	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*155 %*					*06/08/07 22:39*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	**9.63**	A-01d, QSG	mg/kg dry	5.43	1	06/12/07 16:23	NWTPH-Dx	7061273
Motor Oil	ND	QSG	mg/kg dry	5.43	1	06/12/07 16:23	NWTPH-Dx	7061273

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-05 (SP2-11 - Soil) - cont. Sampled: 06/04/07 00:01								
Extractable Petroleum Hydrocarbons - cont.								
Surr: o-Terphenyl (50-150%)	*59 %*					*06/12/07 16:23*	*NWTPH-Dx*	*7061273*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**184**	B1, B	mg/kg dry	5.26	50	06/08/07 22:39	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*155 %*	*ZX*				*06/08/07 22:39*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-06 (SP2-16 - Soil) Sampled: 06/04/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.4**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Total Metals by EPA Method 6010B								
Lead	**2.16**		mg/kg dry	1.09	1	06/08/07 18:17	SW846 6010B	7061280
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0241	50	06/08/07 23:06	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0483	50	06/08/07 23:06	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0483	50	06/08/07 23:06	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.145	50	06/08/07 23:06	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*104 %*					*06/08/07 23:06*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.45	1	06/12/07 16:40	NWTPH-Dx	7061273
Motor Oil	ND	QSG	mg/kg dry	4.45	1	06/12/07 16:40	NWTPH-Dx	7061273
Surr: o-Terphenyl (50-150%)	*59 %*					*06/12/07 16:40*	*NWTPH-Dx*	*7061273*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	4.83	50	06/08/07 23:06	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*104 %*					*06/08/07 23:06*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-07 (SP3-5 - Soil) Sampled: 06/04/07 00:01								
General Chemistry Parameters								
% Dry Solids	**79.3**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0267	50	06/08/07 23:33	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0533	50	06/08/07 23:33	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0533	50	06/08/07 23:33	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.160	50	06/08/07 23:33	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*102 %*					*06/08/07 23:33*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.02	1	06/12/07 16:57	NWTPH-Dx	7061273
Motor Oil	ND	QSG	mg/kg dry	5.02	1	06/12/07 16:57	NWTPH-Dx	7061273
Surr: o-Terphenyl (50-150%)	*66 %*					*06/12/07 16:57*	*NWTPH-Dx*	*7061273*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	5.33	50	06/08/07 23:33	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*102 %*					*06/08/07 23:33*	*NWTPH-Gx*	*7061196*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-08 (SP3-9 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**69.9**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**28.0**		mg/kg dry	0.551	1000	06/12/07 11:15	SW846 8021B	7062284
Ethylbenzene	**58.5**		mg/kg dry	1.10	1000	06/12/07 11:15	SW846 8021B	7062284
Toluene	**19.6**		mg/kg dry	1.10	1000	06/12/07 11:15	SW846 8021B	7062284
Xylenes, total	**20.2**		mg/kg dry	3.30	1000	06/12/07 11:15	SW846 8021B	7062284
Surr: a,a,a-Trifluorotoluene (59-159%)	*168 %*	*ZX*				*06/12/07 11:15*	*SW846 8021B*	*7062284*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.62	1	06/12/07 17:14	NWTPH-Dx	7061273
Motor Oil	ND	QSG	mg/kg dry	5.62	1	06/12/07 17:14	NWTPH-Dx	7061273
Surr: o-Terphenyl (50-150%)	*56 %*					*06/12/07 17:14*	*NWTPH-Dx*	*7061273*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**9430**		mg/kg dry	551	5000	06/12/07 20:20	NWTPH-Gx	7062284
Surr: a,a,a-Trifluorotoluene (66-146%)	*147 %*	*ZX*				*06/12/07 20:20*	*NWTPH-Gx*	*7062284*
Sample ID: NQF0765-09 (SP3-13 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.1**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Total Metals by EPA Method 6010B								
Lead	**2.21**		mg/kg dry	1.13	1	06/08/07 18:21	SW846 6010B	7061280
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0251	50	06/12/07 11:43	SW846 8021B	7062284
Ethylbenzene	ND		mg/kg dry	0.0502	50	06/12/07 11:43	SW846 8021B	7062284
Toluene	ND		mg/kg dry	0.0502	50	06/12/07 11:43	SW846 8021B	7062284
Xylenes, total	ND		mg/kg dry	0.151	50	06/12/07 11:43	SW846 8021B	7062284
Surr: a,a,a-Trifluorotoluene (59-159%)	*107 %*					*06/12/07 11:43*	*SW846 8021B*	*7062284*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.50	1	06/12/07 17:31	NWTPH-Dx	7061273
Motor Oil	ND	QSG	mg/kg dry	4.50	1	06/12/07 17:31	NWTPH-Dx	7061273
Surr: o-Terphenyl (50-150%)	*60 %*					*06/12/07 17:31*	*NWTPH-Dx*	*7061273*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**5.40**		mg/kg dry	5.02	50	06/12/07 11:43	NWTPH-Gx	7062284
Surr: a,a,a-Trifluorotoluene (66-146%)	*107 %*					*06/12/07 11:43*	*NWTPH-Gx*	*7062284*
Sample ID: NQF0765-10 (SP4-5 - Soil) Sampled: 06/04/07 00:01								
General Chemistry Parameters								
% Dry Solids	**70.0**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0303	50	06/12/07 12:10	SW846 8021B	7062284
Ethylbenzene	ND		mg/kg dry	0.0605	50	06/12/07 12:10	SW846 8021B	7062284

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-10RE1 (SP4-5 - Soil) - cont. Sampled: 06/04/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Toluene	ND		mg/kg dry	0.0605	50	06/12/07 12:10	SW846 8021B	7062284
Xylenes, total	ND		mg/kg dry	0.182	50	06/12/07 12:10	SW846 8021B	7062284
Surr: a,a,a-Trifluorotoluene (59-159%)	*106 %*					*06/12/07 12:10*	*SW846 8021B*	*7062284*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.71	1	06/12/07 18:22	NWTPH-Dx	7061273
Motor Oil	ND	QSG	mg/kg dry	5.71	1	06/12/07 18:22	NWTPH-Dx	7061273
Surr: o-Terphenyl (50-150%)	*63 %*					*06/12/07 18:22*	*NWTPH-Dx*	*7061273*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	6.05	50	06/12/07 12:10	NWTPH-Gx	7062284
Surr: a,a,a-Trifluorotoluene (66-146%)	*106 %*					*06/12/07 12:10*	*NWTPH-Gx*	*7062284*
Sample ID: NQF0765-11 (SP4-8 - Soil) Sampled: 06/04/07 00:01								
General Chemistry Parameters								
% Dry Solids	**76.6**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.234**		mg/kg dry	0.0296	50	06/09/07 02:17	SW846 8021B	7061196
Ethylbenzene	**0.211**		mg/kg dry	0.0591	50	06/09/07 02:17	SW846 8021B	7061196
Toluene	**0.191**		mg/kg dry	0.0591	50	06/09/07 02:17	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.177	50	06/09/07 02:17	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*141 %*					*06/09/07 02:17*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.16	1	06/12/07 19:48	NWTPH-Dx	7061274
Motor Oil	ND	QSG	mg/kg dry	5.16	1	06/12/07 19:48	NWTPH-Dx	7061274
Surr: o-Terphenyl (50-150%)	*67 %*					*06/12/07 19:48*	*NWTPH-Dx*	*7061274*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**102**	B1, B	mg/kg dry	5.91	50	06/09/07 02:17	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*141 %*					*06/09/07 02:17*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-12 (SP4-11 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**90.3**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0214	50	06/12/07 12:37	SW846 8021B	7062284
Ethylbenzene	ND		mg/kg dry	0.0428	50	06/12/07 12:37	SW846 8021B	7062284
Toluene	ND		mg/kg dry	0.0428	50	06/12/07 12:37	SW846 8021B	7062284
Xylenes, total	ND		mg/kg dry	0.128	50	06/12/07 12:37	SW846 8021B	7062284
Surr: a,a,a-Trifluorotoluene (59-159%)	*110 %*					*06/12/07 12:37*	*SW846 8021B*	*7062284*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.26	1	06/12/07 20:05	NWTPH-Dx	7061274
Motor Oil	ND	QSG	mg/kg dry	4.26	1	06/12/07 20:05	NWTPH-Dx	7061274

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-12 (SP4-11 - Soil) - cont. Sampled: 06/05/07 00:01								
Extractable Petroleum Hydrocarbons - cont.								
Surr: o-Terphenyl (50-150%)	*68 %*					*06/12/07 20:05*	*NWTPH-Dx*	*7061274*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	4.28	50	06/12/07 12:37	NWTPH-Gx	7062284
Surr: a,a,a-Trifluorotoluene (66-146%)	*110 %*					*06/12/07 12:37*	*NWTPH-Gx*	*7062284*
Sample ID: NQF0765-13 (SP4-18 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**90.0**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Total Metals by EPA Method 6010B								
Lead	**1.30**		mg/kg dry	1.10	1	06/08/07 18:25	SW846 6010B	7061280
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.152**		mg/kg dry	0.0209	50	06/12/07 13:04	SW846 8021B	7062284
Ethylbenzene	**0.146**		mg/kg dry	0.0418	50	06/12/07 13:04	SW846 8021B	7062284
Toluene	**0.0458**		mg/kg dry	0.0418	50	06/12/07 13:04	SW846 8021B	7062284
Xylenes, total	ND		mg/kg dry	0.125	50	06/12/07 13:04	SW846 8021B	7062284
Surr: a,a,a-Trifluorotoluene (59-159%)	*133 %*					*06/12/07 13:04*	*SW846 8021B*	*7062284*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.30	1	06/12/07 20:22	NWTPH-Dx	7061274
Motor Oil	**5.54**	A-01a, QSG	mg/kg dry	4.30	1	06/12/07 20:22	NWTPH-Dx	7061274
Surr: o-Terphenyl (50-150%)	*64 %*					*06/12/07 20:22*	*NWTPH-Dx*	*7061274*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**10.3**		mg/kg dry	4.18	50	06/12/07 13:04	NWTPH-Gx	7062284
Surr: a,a,a-Trifluorotoluene (66-146%)	*133 %*					*06/12/07 13:04*	*NWTPH-Gx*	*7062284*
Sample ID: NQF0765-14 (SP5-5 - Soil) Sampled: 06/04/07 00:01								
General Chemistry Parameters								
% Dry Solids	**78.3**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0247	50	06/09/07 03:38	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0493	50	06/09/07 03:38	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0493	50	06/09/07 03:38	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.148	50	06/09/07 03:38	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*103 %*					*06/09/07 03:38*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	**200**	QSG	mg/kg dry	50.6	10	06/13/07 09:48	NWTPH-Dx	7061274
Motor Oil	**690**	A-01, QSG	mg/kg dry	50.6	10	06/13/07 09:48	NWTPH-Dx	7061274
Surr: o-Terphenyl (50-150%)	*	*Z3*				*06/13/07 09:48*	*NWTPH-Dx*	*7061274*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**62.5**	B1, B	mg/kg dry	4.93	50	06/09/07 03:38	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*103 %*					*06/09/07 03:38*	*NWTPH-Gx*	*7061196*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-15 (SP5-11 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.3**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.454**		mg/kg dry	0.0234	50	06/09/07 04:05	SW846 8021B	7061196
Ethylbenzene	**0.670**		mg/kg dry	0.0468	50	06/09/07 04:05	SW846 8021B	7061196
Toluene	**0.253**		mg/kg dry	0.0468	50	06/09/07 04:05	SW846 8021B	7061196
Xylenes, total	**1.72**		mg/kg dry	0.140	50	06/09/07 04:05	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*192 %*	*ZX*				*06/09/07 04:05*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.40	1	06/14/07 10:54	NWTPH-Dx	7062246
Motor Oil	ND	QSG	mg/kg dry	4.40	1	06/14/07 10:54	NWTPH-Dx	7062246
Surr: o-Terphenyl (50-150%)	*72 %*					*06/14/07 10:54*	*NWTPH-Dx*	*7062246*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**124**	B1, B	mg/kg dry	4.68	50	06/09/07 04:05	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*192 %*	*ZX*				*06/09/07 04:05*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-16 (SP5-19 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**88.0**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Total Metals by EPA Method 6010B								
Lead	ND		mg/kg dry	1.11	1	06/08/07 18:29	SW846 6010B	7061280
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0235	50	06/12/07 13:59	SW846 8021B	7062284
Ethylbenzene	ND		mg/kg dry	0.0471	50	06/12/07 13:59	SW846 8021B	7062284
Toluene	ND		mg/kg dry	0.0471	50	06/12/07 13:59	SW846 8021B	7062284
Xylenes, total	ND		mg/kg dry	0.141	50	06/12/07 13:59	SW846 8021B	7062284
Surr: a,a,a-Trifluorotoluene (59-159%)	*112 %*					*06/12/07 13:59*	*SW846 8021B*	*7062284*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.54	1	06/13/07 09:14	NWTPH-Dx	7061274
Motor Oil	ND	QSG	mg/kg dry	4.54	1	06/13/07 09:14	NWTPH-Dx	7061274
Surr: o-Terphenyl (50-150%)	*58 %*					*06/13/07 09:14*	*NWTPH-Dx*	*7061274*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**4.92**		mg/kg dry	4.71	50	06/12/07 13:59	NWTPH-Gx	7062284
Surr: a,a,a-Trifluorotoluene (66-146%)	*112 %*					*06/12/07 13:59*	*NWTPH-Gx*	*7062284*
Sample ID: NQF0765-17 (SP6-5 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**83.6**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0259	50	06/09/07 05:00	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0518	50	06/09/07 05:00	SW846 8021B	7061196

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-17 (SP6-5 - Soil) - cont. Sampled: 06/05/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Toluene	ND		mg/kg dry	0.0518	50	06/09/07 05:00	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.155	50	06/09/07 05:00	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*06/09/07 05:00*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.71	1	06/12/07 21:30	NWTPH-Dx	7061274
Motor Oil	**6.79**	A-01a, QSG	mg/kg dry	4.71	1	06/12/07 21:30	NWTPH-Dx	7061274
Surr: o-Terphenyl (50-150%)	*59 %*					*06/12/07 21:30*	*NWTPH-Dx*	*7061274*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	5.18	50	06/09/07 05:00	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*101 %*					*06/09/07 05:00*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-18 (SP6-11 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.0**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Total Metals by EPA Method 6010B								
Lead	**1.68**		mg/kg dry	1.11	1	06/08/07 18:33	SW846 6010B	7061280
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0231	50	06/09/07 05:27	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0461	50	06/09/07 05:27	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0461	50	06/09/07 05:27	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.138	50	06/09/07 05:27	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*105 %*					*06/09/07 05:27*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.34	1	06/12/07 21:47	NWTPH-Dx	7061274
Motor Oil	ND	QSG	mg/kg dry	4.34	1	06/12/07 21:47	NWTPH-Dx	7061274
Surr: o-Terphenyl (50-150%)	*62 %*					*06/12/07 21:47*	*NWTPH-Dx*	*7061274*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	4.61	50	06/09/07 05:27	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*105 %*					*06/09/07 05:27*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-19 (SP7-5 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**84.8**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0333	50	06/09/07 05:54	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0666	50	06/09/07 05:54	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0666	50	06/09/07 05:54	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.200	50	06/09/07 05:54	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*100 %*					*06/09/07 05:54*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-19 (SP7-5 - Soil) - cont. Sampled: 06/05/07 00:01								
Extractable Petroleum Hydrocarbons - cont.								
Diesel	ND	QSG	mg/kg dry	4.64	1	06/12/07 22:04	NWTPH-Dx	7061274
Motor Oil	**5.12**	A-01a, QSG	mg/kg dry	4.64	1	06/12/07 22:04	NWTPH-Dx	7061274
Surr: o-Terphenyl (50-150%)	*67 %*					*06/12/07 22:04*	*NWTPH-Dx*	*7061274*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	6.66	50	06/09/07 05:54	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*100 %*					*06/09/07 05:54*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-20 (SP7-11 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.2**		%	0.500	1	06/08/07 10:53	SW-846	7061222
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.127**		mg/kg dry	0.0257	50	06/09/07 06:22	SW846 8021B	7061196
Ethylbenzene	**0.317**		mg/kg dry	0.0514	50	06/09/07 06:22	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0514	50	06/09/07 06:22	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.154	50	06/09/07 06:22	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*109 %*					*06/09/07 06:22*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.44	1	06/12/07 22:55	NWTPH-Dx	7061274
Motor Oil	ND	QSG	mg/kg dry	4.44	1	06/12/07 22:55	NWTPH-Dx	7061274
Surr: o-Terphenyl (50-150%)	*58 %*					*06/12/07 22:55*	*NWTPH-Dx*	*7061274*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**406**		mg/kg dry	51.4	500	06/12/07 14:26	NWTPH-Gx	7062284
Surr: a,a,a-Trifluorotoluene (66-146%)	*105 %*					*06/12/07 14:26*	*NWTPH-Gx*	*7062284*
Sample ID: NQF0765-21 (SP7-14 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**84.8**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.485**		mg/kg dry	0.0224	50	06/09/07 09:05	SW846 8021B	7061196
Ethylbenzene	**0.380**		mg/kg dry	0.0448	50	06/09/07 09:05	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0448	50	06/09/07 09:05	SW846 8021B	7061196
Xylenes, total	**0.662**		mg/kg dry	0.134	50	06/09/07 09:05	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*104 %*					*06/09/07 09:05*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.55	1	06/11/07 23:12	NWTPH-Dx	7061275
Motor Oil	ND	QSG	mg/kg dry	4.55	1	06/11/07 23:12	NWTPH-Dx	7061275
Surr: o-Terphenyl (32-132%)	*87 %*					*06/11/07 23:12*	*NWTPH-Dx*	*7061275*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**462**		mg/kg dry	44.8	500	06/12/07 14:53	NWTPH-Gx	7062284
Surr: a,a,a-Trifluorotoluene (66-146%)	*105 %*					*06/12/07 14:53*	*NWTPH-Gx*	*7062284*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-22 (SP7-20 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**88.3**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0221	50	06/09/07 09:32	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0442	50	06/09/07 09:32	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0442	50	06/09/07 09:32	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.133	50	06/09/07 09:32	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*103 %*					*06/09/07 09:32*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.50	1	06/11/07 23:32	NWTPH-Dx	7061275
Motor Oil	ND	QSG	mg/kg dry	4.50	1	06/11/07 23:32	NWTPH-Dx	7061275
Surr: o-Terphenyl (32-132%)	*71 %*					*06/11/07 23:32*	*NWTPH-Dx*	*7061275*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**10.5**	B1, B	mg/kg dry	4.42	50	06/09/07 09:32	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*103 %*					*06/09/07 09:32*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-23 (SP7-22 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**86.4**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Total Metals by EPA Method 6010B								
Lead	**1.29**		mg/kg dry	1.11	1	06/08/07 18:37	SW846 6010B	7061280
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0255	50	06/09/07 09:59	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0510	50	06/09/07 09:59	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0510	50	06/09/07 09:59	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.153	50	06/09/07 09:59	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*102 %*					*06/09/07 09:59*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.50	1	06/11/07 23:52	NWTPH-Dx	7061275
Motor Oil	ND	QSG	mg/kg dry	4.50	1	06/11/07 23:52	NWTPH-Dx	7061275
Surr: o-Terphenyl (32-132%)	*96 %*					*06/11/07 23:52*	*NWTPH-Dx*	*7061275*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	5.10	50	06/09/07 09:59	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*102 %*					*06/09/07 09:59*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-24 (SP8-5 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**71.4**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0347	50	06/09/07 10:27	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0693	50	06/09/07 10:27	SW846 8021B	7061196

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-24 (SP8-5 - Soil) - cont. Sampled: 06/05/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Toluene	ND		mg/kg dry	0.0693	50	06/09/07 10:27	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.208	50	06/09/07 10:27	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*106 %*					*06/09/07 10:27*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.42	1	06/12/07 00:12	NWTPH-Dx	7061275
Motor Oil	**10.8**	A-01a, QSG	mg/kg dry	5.42	1	06/12/07 00:12	NWTPH-Dx	7061275
Surr: o-Terphenyl (32-132%)	*90 %*					*06/12/07 00:12*	*NWTPH-Dx*	*7061275*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	6.93	50	06/09/07 10:27	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*106 %*					*06/09/07 10:27*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-25 (SP8-11 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.6**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**8.27**		mg/kg dry	0.526	1000	06/12/07 15:21	SW846 8021B	7062284
Ethylbenzene	**16.1**		mg/kg dry	1.05	1000	06/12/07 15:21	SW846 8021B	7062284
Toluene	**5.68**		mg/kg dry	1.05	1000	06/12/07 15:21	SW846 8021B	7062284
Xylenes, total	**27.7**		mg/kg dry	3.15	1000	06/12/07 15:21	SW846 8021B	7062284
Surr: a,a,a-Trifluorotoluene (59-159%)	*180 %*	*ZX*				*06/12/07 15:21*	*SW846 8021B*	*7062284*
Extractable Petroleum Hydrocarbons								
Diesel	**30.4**	A-01c, QSG	mg/kg dry	4.49	1	06/12/07 00:32	NWTPH-Dx	7061275
Motor Oil	**9.29**	QSG	mg/kg dry	4.49	1	06/12/07 00:32	NWTPH-Dx	7061275
Surr: o-Terphenyl (32-132%)	*71 %*					*06/12/07 00:32*	*NWTPH-Dx*	*7061275*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**3120**		mg/kg dry	105	1000	06/12/07 15:21	NWTPH-Gx	7062284
Surr: a,a,a-Trifluorotoluene (66-146%)	*180 %*	*ZX*				*06/12/07 15:21*	*NWTPH-Gx*	*7062284*
Sample ID: NQF0765-26 (SP8-16 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**86.9**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0213	50	06/12/07 16:42	SW846 8021B	7062284
Ethylbenzene	ND		mg/kg dry	0.0426	50	06/12/07 16:42	SW846 8021B	7062284
Toluene	ND		mg/kg dry	0.0426	50	06/12/07 16:42	SW846 8021B	7062284
Xylenes, total	ND		mg/kg dry	0.128	50	06/12/07 16:42	SW846 8021B	7062284
Surr: a,a,a-Trifluorotoluene (59-159%)	*112 %*					*06/12/07 16:42*	*SW846 8021B*	*7062284*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.36	1	06/12/07 00:52	NWTPH-Dx	7061275
Motor Oil	ND	QSG	mg/kg dry	4.36	1	06/12/07 00:52	NWTPH-Dx	7061275

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-26 (SP8-16 - Soil) - cont. Sampled: 06/05/07 00:01								
Extractable Petroleum Hydrocarbons - cont.								
Surr: o-Terphenyl (32-132%)	*99 %*					*06/12/07 00:52*	*NWTPH-Dx*	*7061275*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	4.26	50	06/12/07 16:42	NWTPH-Gx	7062284
Surr: a,a,a-Trifluorotoluene (66-146%)	*112 %*					*06/12/07 16:42*	*NWTPH-Gx*	*7062284*
Sample ID: NQF0765-27 (SP8-18 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**86.9**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Total Metals by EPA Method 6010B								
Lead	**2.05**		mg/kg dry	1.15	1	06/08/07 18:41	SW846 6010B	7061280
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND	N1	mg/kg dry	0.0272	50	06/12/07 17:09	SW846 8021B	7062284
Ethylbenzene	ND	N1	mg/kg dry	0.0544	50	06/12/07 17:09	SW846 8021B	7062284
Toluene	ND	N1	mg/kg dry	0.0544	50	06/12/07 17:09	SW846 8021B	7062284
Xylenes, total	ND	N1	mg/kg dry	0.163	50	06/12/07 17:09	SW846 8021B	7062284
Surr: a,a,a-Trifluorotoluene (59-159%)	*104 %*					*06/12/07 17:09*	*SW846 8021B*	*7062284*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.24	1	06/12/07 01:12	NWTPH-Dx	7061275
Motor Oil	ND	QSG	mg/kg dry	4.24	1	06/12/07 01:12	NWTPH-Dx	7061275
Surr: o-Terphenyl (32-132%)	*65 %*					*06/12/07 01:12*	*NWTPH-Dx*	*7061275*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND	N1	mg/kg dry	5.44	50	06/12/07 17:09	NWTPH-Gx	7062284
Surr: a,a,a-Trifluorotoluene (66-146%)	*104 %*					*06/12/07 17:09*	*NWTPH-Gx*	*7062284*
Sample ID: NQF0765-28 (SP9-5 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**82.3**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0270	50	06/09/07 12:16	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0541	50	06/09/07 12:16	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0541	50	06/09/07 12:16	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.162	50	06/09/07 12:16	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*103 %*					*06/09/07 12:16*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.85	1	06/12/07 01:32	NWTPH-Dx	7061275
Motor Oil	**5.40**	A-01a, QSG	mg/kg dry	4.85	1	06/12/07 01:32	NWTPH-Dx	7061275
Surr: o-Terphenyl (32-132%)	*72 %*					*06/12/07 01:32*	*NWTPH-Dx*	*7061275*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	5.41	50	06/09/07 12:16	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*103 %*					*06/09/07 12:16*	*NWTPH-Gx*	*7061196*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-29 (SP9-12 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**81.5**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**11.1**		mg/kg dry	1.00	2000	06/12/07 17:37	SW846 8021B	7062284
Ethylbenzene	**34.5**		mg/kg dry	2.00	2000	06/12/07 17:37	SW846 8021B	7062284
Toluene	**10.5**		mg/kg dry	2.00	2000	06/12/07 17:37	SW846 8021B	7062284
Xylenes, total	**84.4**		mg/kg dry	6.00	2000	06/12/07 17:37	SW846 8021B	7062284
Surr: a,a,a-Trifluorotoluene (59-159%)	*196 %*	*ZX*				*06/12/07 17:37*	*SW846 8021B*	*7062284*
Extractable Petroleum Hydrocarbons								
Diesel	**11.7**	A-01d, QSG	mg/kg dry	4.81	1	06/12/07 01:52	NWTPH-Dx	7061275
Motor Oil	ND	QSG	mg/kg dry	4.81	1	06/12/07 01:52	NWTPH-Dx	7061275
Surr: o-Terphenyl (32-132%)	*68 %*					*06/12/07 01:52*	*NWTPH-Dx*	*7061275*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**5330**		mg/kg dry	200	2000	06/12/07 17:37	NWTPH-Gx	7062284
Surr: a,a,a-Trifluorotoluene (66-146%)	*196 %*	*ZX*				*06/12/07 17:37*	*NWTPH-Gx*	*7062284*
Sample ID: NQF0765-30 (SP9-20 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.2**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Total Metals by EPA Method 6010B								
Lead	**1.41**		mg/kg dry	1.07	1	06/08/07 18:45	SW846 6010B	7061280
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.300**		mg/kg dry	0.0316	50	06/12/07 18:31	SW846 8021B	7062284
Ethylbenzene	**0.158**		mg/kg dry	0.0633	50	06/12/07 18:31	SW846 8021B	7062284
Toluene	**0.105**		mg/kg dry	0.0633	50	06/12/07 18:31	SW846 8021B	7062284
Xylenes, total	**0.213**		mg/kg dry	0.190	50	06/12/07 18:31	SW846 8021B	7062284
Surr: a,a,a-Trifluorotoluene (59-159%)	*132 %*					*06/12/07 18:31*	*SW846 8021B*	*7062284*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.41	1	06/12/07 02:12	NWTPH-Dx	7061275
Motor Oil	**4.78**	A-01a, QSG	mg/kg dry	4.41	1	06/12/07 02:12	NWTPH-Dx	7061275
Surr: o-Terphenyl (32-132%)	*74 %*					*06/12/07 02:12*	*NWTPH-Dx*	*7061275*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**24.9**		mg/kg dry	6.33	50	06/12/07 18:31	NWTPH-Gx	7062284
Surr: a,a,a-Trifluorotoluene (66-146%)	*132 %*					*06/12/07 18:31*	*NWTPH-Gx*	*7062284*
Sample ID: NQF0765-31 (SP10-5 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.2**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0233	50	06/09/07 14:32	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0466	50	06/09/07 14:32	SW846 8021B	7061196

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-31 (SP10-5 - Soil) - cont. Sampled: 06/05/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Toluene	ND		mg/kg dry	0.0466	50	06/09/07 14:32	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.140	50	06/09/07 14:32	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*102 %*					*06/09/07 14:32*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.42	1	06/13/07 09:45	NWTPH-Dx	7061276
Motor Oil	**51.6**	A-01, QSG	mg/kg dry	4.42	1	06/13/07 09:45	NWTPH-Dx	7061276
Surr: o-Terphenyl (50-150%)	*53 %*					*06/13/07 09:45*	*NWTPH-Dx*	*7061276*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**5.28**	B1, B	mg/kg dry	4.66	50	06/09/07 14:32	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*102 %*					*06/09/07 14:32*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-32 (SP10-11 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**82.8**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**5.85**		mg/kg dry	0.0308	50	06/09/07 14:59	SW846 8021B	7061196
Ethylbenzene	**10.9**		mg/kg dry	0.0616	50	06/09/07 14:59	SW846 8021B	7061196
Toluene	**4.43**		mg/kg dry	0.0616	50	06/09/07 14:59	SW846 8021B	7061196
Xylenes, total	**8.58**		mg/kg dry	0.185	50	06/09/07 14:59	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*1530 %*	*ZX*				*06/09/07 14:59*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	**32.4**	A-01c, QSG	mg/kg dry	4.68	1	06/12/07 18:06	NWTPH-Dx	7061276
Motor Oil	**9.84**	QSG	mg/kg dry	4.68	1	06/12/07 18:06	NWTPH-Dx	7061276
Surr: o-Terphenyl (50-150%)	*84 %*					*06/12/07 18:06*	*NWTPH-Dx*	*7061276*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**998**		mg/kg dry	61.6	500	06/12/07 18:04	NWTPH-Gx	7062284
Surr: a,a,a-Trifluorotoluene (66-146%)	*183 %*	*ZX*				*06/12/07 18:04*	*NWTPH-Gx*	*7062284*
Sample ID: NQF0765-33 (SP10-15 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**88.7**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Total Metals by EPA Method 6010B								
Lead	**1.67**		mg/kg dry	1.11	1	06/08/07 19:05	SW846 6010B	7061280
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0206	50	06/09/07 15:27	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0413	50	06/09/07 15:27	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0413	50	06/09/07 15:27	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.124	50	06/09/07 15:27	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*109 %*					*06/09/07 15:27*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-33 (SP10-15 - Soil) - cont. Sampled: 06/05/07 00:01								
Extractable Petroleum Hydrocarbons - cont.								
Diesel	ND	QSG	mg/kg dry	4.43	1	06/12/07 18:26	NWTPH-Dx	7061276
Motor Oil	**7.33**	A-01b, QSG	mg/kg dry	4.43	1	06/12/07 18:26	NWTPH-Dx	7061276
Surr: o-Terphenyl (50-150%)	*91 %*					*06/12/07 18:26*	*NWTPH-Dx*	*7061276*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**12.0**	B1, B	mg/kg dry	4.13	50	06/09/07 15:27	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*109 %*					*06/09/07 15:27*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-34 (SP11-5 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**70.7**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0337	50	06/09/07 15:54	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0674	50	06/09/07 15:54	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0674	50	06/09/07 15:54	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.202	50	06/09/07 15:54	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*103 %*					*06/09/07 15:54*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.56	1	06/12/07 18:45	NWTPH-Dx	7061276
Motor Oil	**9.20**	A-01b, QSG	mg/kg dry	5.56	1	06/12/07 18:45	NWTPH-Dx	7061276
Surr: o-Terphenyl (50-150%)	*73 %*					*06/12/07 18:45*	*NWTPH-Dx*	*7061276*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**29.4**	B1, B	mg/kg dry	6.74	50	06/09/07 15:54	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*103 %*					*06/09/07 15:54*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-35 (SP11-12 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**90.3**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Total Metals by EPA Method 6010B								
Lead	**2.22**		mg/kg dry	1.08	1	06/08/07 19:09	SW846 6010B	7061280
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0232	50	06/09/07 16:21	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0464	50	06/09/07 16:21	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0464	50	06/09/07 16:21	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.139	50	06/09/07 16:21	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*103 %*					*06/09/07 16:21*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.32	1	06/12/07 19:05	NWTPH-Dx	7061276
Motor Oil	**8.86**	A-01b, QSG	mg/kg dry	4.32	1	06/12/07 19:05	NWTPH-Dx	7061276
Surr: o-Terphenyl (50-150%)	*85 %*					*06/12/07 19:05*	*NWTPH-Dx*	*7061276*
Purgeable Petroleum Hydrocarbons								

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-35 (SP11-12 - Soil) - cont. Sampled: 06/05/07 00:01								
Purgeable Petroleum Hydrocarbons - cont.								
GRO (C4-C12) NW	**6.29**	B1, B	mg/kg dry	4.64	50	06/09/07 16:21	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*103 %*					*06/09/07 16:21*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-36 (SP12-5 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**69.6**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0324	50	06/09/07 16:48	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0648	50	06/09/07 16:48	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0648	50	06/09/07 16:48	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.194	50	06/09/07 16:48	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*103 %*					*06/09/07 16:48*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	**133**	A-01, QSG	mg/kg dry	57.4	10	06/12/07 19:25	NWTPH-Dx	7061276
Motor Oil	**2200**	QSG	mg/kg dry	57.4	10	06/12/07 19:25	NWTPH-Dx	7061276
Surr: o-Terphenyl (50-150%)	*	*Z3*				*06/12/07 19:25*	*NWTPH-Dx*	*7061276*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	6.48	50	06/09/07 16:48	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*103 %*					*06/09/07 16:48*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-37 (SP12-11 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**71.9**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0320	50	06/09/07 17:16	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0640	50	06/09/07 17:16	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0640	50	06/09/07 17:16	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.192	50	06/09/07 17:16	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*103 %*					*06/09/07 17:16*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.55	1	06/13/07 08:26	NWTPH-Dx	7061276
Motor Oil	ND	QSG	mg/kg dry	5.55	1	06/13/07 08:26	NWTPH-Dx	7061276
Surr: o-Terphenyl (50-150%)	*83 %*					*06/13/07 08:26*	*NWTPH-Dx*	*7061276*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**6.46**	B1, B	mg/kg dry	6.40	50	06/09/07 17:16	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*103 %*					*06/09/07 17:16*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-38 (SP12-20 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.2**		%	0.500	1	06/11/07 10:23	SW-846	7061484

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0765-38 (SP12-20 - Soil) - cont. Sampled: 06/05/07 00:01								
Total Metals by EPA Method 6010B								
Lead	**1.35**		mg/kg dry	1.13	1	06/08/07 19:13	SW846 6010B	7061280
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.0364**		mg/kg dry	0.0214	50	06/09/07 17:43	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0428	50	06/09/07 17:43	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0428	50	06/09/07 17:43	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.128	50	06/09/07 17:43	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*117 %*					*06/09/07 17:43*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.44	1	06/12/07 20:05	NWTPH-Dx	7061276
Motor Oil	**5.96**	A-01b, QSG	mg/kg dry	4.44	1	06/12/07 20:05	NWTPH-Dx	7061276
Surr: o-Terphenyl (50-150%)	*90 %*					*06/12/07 20:05*	*NWTPH-Dx*	*7061276*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**8.37**	B1, B	mg/kg dry	4.28	50	06/09/07 17:43	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*117 %*					*06/09/07 17:43*	*NWTPH-Gx*	*7061196*
Sample ID: NQF0765-39 (SP13-5 - Soil) Sampled: 06/05/07 00:01								
General Chemistry Parameters								
% Dry Solids	**75.1**		%	0.500	1	06/11/07 10:23	SW-846	7061484
Total Metals by EPA Method 6010B								
Lead	**11.9**		mg/kg dry	1.33	1	06/08/07 19:17	SW846 6010B	7061280
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0342	50	06/09/07 18:10	SW846 8021B	7061196
Ethylbenzene	ND		mg/kg dry	0.0684	50	06/09/07 18:10	SW846 8021B	7061196
Toluene	ND		mg/kg dry	0.0684	50	06/09/07 18:10	SW846 8021B	7061196
Xylenes, total	ND		mg/kg dry	0.205	50	06/09/07 18:10	SW846 8021B	7061196
Surr: a,a,a-Trifluorotoluene (59-159%)	*102 %*					*06/09/07 18:10*	*SW846 8021B*	*7061196*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.33	1	06/12/07 20:24	NWTPH-Dx	7061276
Motor Oil	**17.8**	A-01b, QSG	mg/kg dry	5.33	1	06/12/07 20:24	NWTPH-Dx	7061276
Surr: o-Terphenyl (50-150%)	*78 %*					*06/12/07 20:24*	*NWTPH-Dx*	*7061276*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	6.84	50	06/09/07 18:10	NWTPH-Gx	7061196
Surr: a,a,a-Trifluorotoluene (66-146%)	*102 %*					*06/09/07 18:10*	*NWTPH-Gx*	*7061196*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
NWTPH-Dx	7061273	NQF0765-01	25.59	1.00	06/11/07 15:45	DCW	EPA 3550B
NWTPH-Dx	7061273	NQF0765-02	25.29	1.00	06/11/07 15:45	DCW	EPA 3550B
NWTPH-Dx	7061273	NQF0765-03	25.69	1.00	06/11/07 15:45	DCW	EPA 3550B
NWTPH-Dx	7061273	NQF0765-04	25.07	1.00	06/11/07 15:45	DCW	EPA 3550B
NWTPH-Dx	7062246	NQF0765-04RE1	25.11	1.00	06/13/07 13:30	CDJ	EPA 3550B
NWTPH-Dx	7061273	NQF0765-05	25.35	1.00	06/11/07 15:45	DCW	EPA 3550B
NWTPH-Dx	7061273	NQF0765-06	25.73	1.00	06/11/07 15:45	DCW	EPA 3550B
NWTPH-Dx	7061273	NQF0765-07	25.10	1.00	06/11/07 15:45	DCW	EPA 3550B
NWTPH-Dx	7061273	NQF0765-08	25.47	1.00	06/11/07 15:45	DCW	EPA 3550B
NWTPH-Dx	7061273	NQF0765-09	25.52	1.00	06/11/07 15:45	DCW	EPA 3550B
NWTPH-Dx	7061273	NQF0765-10	25.02	1.00	06/11/07 15:45	DCW	EPA 3550B
NWTPH-Dx	7061274	NQF0765-11	25.31	1.00	06/11/07 16:00	JLD	EPA 3550B
NWTPH-Dx	7061274	NQF0765-12	25.99	1.00	06/11/07 16:00	JLD	EPA 3550B
NWTPH-Dx	7061274	NQF0765-13	25.85	1.00	06/11/07 16:00	JLD	EPA 3550B
NWTPH-Dx	7061274	NQF0765-14	25.23	1.00	06/11/07 16:00	JLD	EPA 3550B
NWTPH-Dx	7061274	NQF0765-14RE1	25.23	1.00	06/11/07 16:00	JLD	EPA 3550B
NWTPH-Dx	7061274	NQF0765-15	25.71	1.00	06/11/07 16:00	JLD	EPA 3550B
NWTPH-Dx	7061274	NQF0765-15RE1	25.71	1.00	06/11/07 16:00	JLD	EPA 3550B
NWTPH-Dx	7062246	NQF0765-15RE2	25.47	1.00	06/13/07 13:30	CDJ	EPA 3550B
NWTPH-Dx	7061274	NQF0765-16	25.01	1.00	06/11/07 16:00	JLD	EPA 3550B
NWTPH-Dx	7061274	NQF0765-16RE1	25.01	1.00	06/11/07 16:00	JLD	EPA 3550B
NWTPH-Dx	7061274	NQF0765-17	25.42	1.00	06/11/07 16:00	JLD	EPA 3550B
NWTPH-Dx	7061274	NQF0765-18	25.89	1.00	06/11/07 16:00	JLD	EPA 3550B
NWTPH-Dx	7061274	NQF0765-19	25.43	1.00	06/11/07 16:00	JLD	EPA 3550B
NWTPH-Dx	7061274	NQF0765-20	25.27	1.00	06/11/07 16:00	JLD	EPA 3550B
NWTPH-Dx	7061275	NQF0765-21	25.89	1.00	06/08/07 17:10	CDJ	EPA 3550B
NWTPH-Dx	7061275	NQF0765-22	25.14	1.00	06/08/07 17:10	CDJ	EPA 3550B
NWTPH-Dx	7061275	NQF0765-23	25.72	1.00	06/08/07 17:10	CDJ	EPA 3550B
NWTPH-Dx	7061275	NQF0765-24	25.85	1.00	06/08/07 17:10	CDJ	EPA 3550B
NWTPH-Dx	7061275	NQF0765-25	25.45	1.00	06/08/07 17:10	CDJ	EPA 3550B
NWTPH-Dx	7061275	NQF0765-26	26.37	1.00	06/08/07 17:10	CDJ	EPA 3550B
NWTPH-Dx	7061275	NQF0765-27	27.14	1.00	06/08/07 17:10	CDJ	EPA 3550B
NWTPH-Dx	7061275	NQF0765-28	25.03	1.00	06/08/07 17:10	CDJ	EPA 3550B
NWTPH-Dx	7061275	NQF0765-29	25.49	1.00	06/08/07 17:10	CDJ	EPA 3550B
NWTPH-Dx	7061275	NQF0765-30	25.45	1.00	06/08/07 17:10	CDJ	EPA 3550B
NWTPH-Dx	7061276	NQF0765-31	25.37	1.00	06/11/07 16:10	DCW	EPA 3550B
NWTPH-Dx	7061276	NQF0765-31RE1	25.37	1.00	06/11/07 16:10	DCW	EPA 3550B
NWTPH-Dx	7061276	NQF0765-31RE2	25.37	1.00	06/11/07 16:10	DCW	EPA 3550B
NWTPH-Dx	7061276	NQF0765-32	25.83	1.00	06/11/07 16:10	DCW	EPA 3550B
NWTPH-Dx	7061276	NQF0765-33	25.46	1.00	06/11/07 16:10	DCW	EPA 3550B
NWTPH-Dx	7061276	NQF0765-34	25.42	1.00	06/11/07 16:10	DCW	EPA 3550B
NWTPH-Dx	7061276	NQF0765-35	25.65	1.00	06/11/07 16:10	DCW	EPA 3550B
NWTPH-Dx	7061276	NQF0765-36	25.04	1.00	06/11/07 16:10	DCW	EPA 3550B
NWTPH-Dx	7061276	NQF0765-37	25.08	1.00	06/11/07 16:10	DCW	EPA 3550B

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn John K. Meyer

Work Order: NQF0765
Project Name: Exxon 99-MPB
Project Number: 31163
Received: 06/07/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
NWTPH-Dx	7061276	NQF0765-37RE1	25.08	1.00	06/11/07 16:10	DCW	EPA 3550B
NWTPH-Dx	7061276	NQF0765-38	25.81	1.00	06/11/07 16:10	DCW	EPA 3550B
NWTPH-Dx	7061276	NQF0765-39	25.00	1.00	06/11/07 16:10	DCW	EPA 3550B
Purgeable Petroleum Hydrocarbons							
NWTPH-Gx	7061196	NQF0765-01	12.18	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-02	11.53	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-03	12.60	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-04	10.78	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-05	13.08	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-06	11.85	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-07	11.82	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-08	12.99	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7062284	NQF0765-08RE1	12.99	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
NWTPH-Gx	7062284	NQF0765-08RE2	12.99	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-09	11.44	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7062284	NQF0765-09RE1	11.44	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-10	11.80	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7062284	NQF0765-10RE1	11.80	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-11	11.04	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-12	12.93	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7062284	NQF0765-12RE1	12.93	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-13	13.29	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7062284	NQF0765-13RE1	13.29	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-14	12.94	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-15	11.96	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-16	12.07	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7062284	NQF0765-16RE1	12.07	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-17	11.54	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-18	12.18	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-19	8.85	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-20	10.91	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7062284	NQF0765-20RE1	10.91	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-21	13.17	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7062284	NQF0765-21RE1	13.17	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-22	12.80	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-23	11.34	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-24	10.10	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-25	10.86	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7062284	NQF0765-25RE1	10.86	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-26	13.51	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7062284	NQF0765-26RE1	13.51	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
NWTPH-Gx	7062284	NQF0765-27	5.29	5.00	06/12/07 08:05	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-28	11.24	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-29	12.26	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7062284	NQF0765-29RE1	12.26	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
NWTPH-Gx	7061196	NQF0765-30	8.86	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7062284	NQF0765-30RE1	8.86	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-31	12.04	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-32	9.80	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7062284	NQF0765-32RE1	9.80	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-33	13.65	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-34	10.49	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-35	11.93	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-36	11.09	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-37	10.87	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-38	13.39	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
NWTPH-Gx	7061196	NQF0765-39	9.74	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
Total Metals by EPA Method 6010B							
SW846 6010B	7061280	NQF0765-03	0.52	100.00	06/08/07 13:00	AMB	EPA 3051
SW846 6010B	7061280	NQF0765-06	0.53	100.00	06/08/07 13:00	AMB	EPA 3051
SW846 6010B	7061280	NQF0765-09	0.51	100.00	06/08/07 13:00	AMB	EPA 3051
SW846 6010B	7061280	NQF0765-13	0.51	100.00	06/08/07 13:00	AMB	EPA 3051
SW846 6010B	7061280	NQF0765-16	0.51	100.00	06/08/07 13:00	AMB	EPA 3051
SW846 6010B	7061280	NQF0765-18	0.51	100.00	06/08/07 13:00	AMB	EPA 3051
SW846 6010B	7061280	NQF0765-23	0.52	100.00	06/08/07 13:00	AMB	EPA 3051
SW846 6010B	7061280	NQF0765-27	0.50	100.00	06/08/07 13:00	AMB	EPA 3051
SW846 6010B	7061280	NQF0765-30	0.52	100.00	06/08/07 13:00	AMB	EPA 3051
SW846 6010B	7061280	NQF0765-33	0.51	100.00	06/08/07 13:00	AMB	EPA 3051
SW846 6010B	7061280	NQF0765-35	0.51	100.00	06/08/07 13:00	AMB	EPA 3051
SW846 6010B	7061280	NQF0765-38	0.51	100.00	06/08/07 13:00	AMB	EPA 3051
SW846 6010B	7061280	NQF0765-39	0.50	100.00	06/08/07 13:00	AMB	EPA 3051
Volatile Organic Compounds by EPA Method 8021B							
SW846 8021B	7061196	NQF0765-01	12.18	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-02	11.53	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-03	12.60	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-04	10.78	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-05	13.08	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-06	11.85	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-07	11.82	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-08	12.99	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7062284	NQF0765-08RE1	12.99	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-09	11.44	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7062284	NQF0765-09RE1	11.44	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-10	11.80	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7062284	NQF0765-10RE1	11.80	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-11	11.04	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-12	12.93	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7062284	NQF0765-12RE1	12.93	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-13	13.29	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7062284	NQF0765-13RE1	13.29	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8021B	7061196	NQF0765-14	12.94	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-15	11.96	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-16	12.07	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7062284	NQF0765-16RE1	12.07	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-17	11.54	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-18	12.18	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-19	8.85	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-20	10.91	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-21	13.17	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-22	12.80	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-23	11.34	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-24	10.10	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-25	10.86	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7062284	NQF0765-25RE1	10.86	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-26	13.51	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7062284	NQF0765-26RE1	13.51	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
SW846 8021B	7062284	NQF0765-27	5.29	5.00	06/12/07 08:05	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-28	11.24	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-29	12.26	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7062284	NQF0765-29RE1	12.26	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-30	8.86	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7062284	NQF0765-30RE1	8.86	10.00	06/12/07 08:05	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-31	12.04	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-32	9.80	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-33	13.65	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-34	10.49	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-35	11.93	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-36	11.09	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-37	10.87	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-38	13.39	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)
SW846 8021B	7061196	NQF0765-39	9.74	10.00	06/07/07 15:25	NKN	EPA 5035A (GC)

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Total Metals by EPA Method 6010B						
7061280-BLK1						
Lead	<0.874		mg/kg wet	7061280	7061280-BLK1	06/08/07 17:41
Volatile Organic Compounds by EPA Method 8021B						
7061196-BLK1						
Benzene	<0.000400		mg/kg wet	7061196	7061196-BLK1	06/08/07 20:23
Ethylbenzene	<0.000400		mg/kg wet	7061196	7061196-BLK1	06/08/07 20:23
Toluene	<0.000300		mg/kg wet	7061196	7061196-BLK1	06/08/07 20:23
Xylenes, total	<0.000400		mg/kg wet	7061196	7061196-BLK1	06/08/07 20:23
Surrogate: a,a,a-Trifluorotoluene	102%			7061196	7061196-BLK1	06/08/07 20:23
7061196-BLK2						
Benzene	<0.000400		mg/kg wet	7061196	7061196-BLK2	06/09/07 01:49
Ethylbenzene	<0.000400		mg/kg wet	7061196	7061196-BLK2	06/09/07 01:49
Toluene	<0.000300		mg/kg wet	7061196	7061196-BLK2	06/09/07 01:49
Xylenes, total	0.000553		mg/kg wet	7061196	7061196-BLK2	06/09/07 01:49
Surrogate: a,a,a-Trifluorotoluene	101%			7061196	7061196-BLK2	06/09/07 01:49
7061196-BLK3						
Benzene	<0.000400		mg/kg wet	7061196	7061196-BLK3	06/09/07 08:38
Ethylbenzene	<0.000400		mg/kg wet	7061196	7061196-BLK3	06/09/07 08:38
Toluene	<0.000300		mg/kg wet	7061196	7061196-BLK3	06/09/07 08:38
Xylenes, total	<0.000400		mg/kg wet	7061196	7061196-BLK3	06/09/07 08:38
Surrogate: a,a,a-Trifluorotoluene	103%			7061196	7061196-BLK3	06/09/07 08:38
7061196-BLK4						
Benzene	<0.000400		mg/kg wet	7061196	7061196-BLK4	06/09/07 14:05
Ethylbenzene	<0.000400		mg/kg wet	7061196	7061196-BLK4	06/09/07 14:05
Toluene	<0.000300		mg/kg wet	7061196	7061196-BLK4	06/09/07 14:05
Xylenes, total	0.000414		mg/kg wet	7061196	7061196-BLK4	06/09/07 14:05
Surrogate: a,a,a-Trifluorotoluene	102%			7061196	7061196-BLK4	06/09/07 14:05
7062284-BLK1						
Benzene	<0.000400		mg/kg wet	7062284	7062284-BLK1	06/12/07 10:48
Ethylbenzene	<0.000400		mg/kg wet	7062284	7062284-BLK1	06/12/07 10:48
Toluene	<0.000300		mg/kg wet	7062284	7062284-BLK1	06/12/07 10:48
Xylenes, total	<0.000400		mg/kg wet	7062284	7062284-BLK1	06/12/07 10:48
Surrogate: a,a,a-Trifluorotoluene	106%			7062284	7062284-BLK1	06/12/07 10:48
7062284-BLK2						
Benzene	<0.000400		mg/kg wet	7062284	7062284-BLK2	06/12/07 16:15
Ethylbenzene	<0.000400		mg/kg wet	7062284	7062284-BLK2	06/12/07 16:15
Toluene	<0.000300		mg/kg wet	7062284	7062284-BLK2	06/12/07 16:15

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7062284-BLK2						
Xylenes, total	<0.000400		mg/kg wet	7062284	7062284-BLK2	06/12/07 16:15
Surrogate: a,a,a-Trifluorotoluene	108%			7062284	7062284-BLK2	06/12/07 16:15
Extractable Petroleum Hydrocarbons						
7061273-BLK1						
Diesel	<2.00		mg/kg wet	7061273	7061273-BLK1	06/12/07 14:05
Motor Oil	<2.00		mg/kg wet	7061273	7061273-BLK1	06/12/07 14:05
Surrogate: o-Terphenyl	84%			7061273	7061273-BLK1	06/12/07 14:05
7061274-BLK1						
Diesel	3.52		mg/kg wet	7061274	7061274-BLK1	06/13/07 08:41
Motor Oil	<2.00		mg/kg wet	7061274	7061274-BLK1	06/13/07 08:41
Surrogate: o-Terphenyl	71%			7061274	7061274-BLK1	06/13/07 08:41
7061275-BLK1						
Diesel	<2.00		mg/kg wet	7061275	7061275-BLK1	06/12/07 08:07
Motor Oil	2.29		mg/kg wet	7061275	7061275-BLK1	06/12/07 08:07
Surrogate: o-Terphenyl	67%			7061275	7061275-BLK1	06/12/07 08:07
7061276-BLK1						
Diesel	<2.00		mg/kg wet	7061276	7061276-BLK1	06/12/07 16:28
Motor Oil	3.09		mg/kg wet	7061276	7061276-BLK1	06/12/07 16:28
Surrogate: o-Terphenyl	98%			7061276	7061276-BLK1	06/12/07 16:28
7062246-BLK1						
Diesel	<2.00		mg/kg wet	7062246	7062246-BLK1	06/14/07 09:15
Motor Oil	<2.00		mg/kg wet	7062246	7062246-BLK1	06/14/07 09:15
Surrogate: o-Terphenyl	87%			7062246	7062246-BLK1	06/14/07 09:15
Purgeable Petroleum Hydrocarbons						
7061196-BLK1						
GRO (C4-C12) NW	<0.0180		mg/kg wet	7061196	7061196-BLK1	06/08/07 20:23
Surrogate: a,a,a-Trifluorotoluene	102%			7061196	7061196-BLK1	06/08/07 20:23
7061196-BLK2						
GRO (C4-C12) NW	0.110	B	mg/kg wet	7061196	7061196-BLK2	06/09/07 01:49
Surrogate: a,a,a-Trifluorotoluene	101%			7061196	7061196-BLK2	06/09/07 01:49
7061196-BLK3						
GRO (C4-C12) NW	0.0210		mg/kg wet	7061196	7061196-BLK3	06/09/07 08:38
Surrogate: a,a,a-Trifluorotoluene	103%			7061196	7061196-BLK3	06/09/07 08:38
7061196-BLK4						

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons						
7061196-BLK4						
GRO (C4-C12) NW	0.0978		mg/kg wet	7061196	7061196-BLK4	06/09/07 14:05
Surrogate: a,a,a-Trifluorotoluene	102%			7061196	7061196-BLK4	06/09/07 14:05
7062284-BLK1						
GRO (C4-C12) NW	<0.0180		mg/kg wet	7062284	7062284-BLK1	06/12/07 10:48
Surrogate: a,a,a-Trifluorotoluene	106%			7062284	7062284-BLK1	06/12/07 10:48
7062284-BLK2						
GRO (C4-C12) NW	0.0259		mg/kg wet	7062284	7062284-BLK2	06/12/07 16:15
Surrogate: a,a,a-Trifluorotoluene	108%			7062284	7062284-BLK2	06/12/07 16:15

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B									
7061196-DUP1									
Benzene	0.0226	ND		mg/kg dry		48	7061196	NQF0765-26	06/09/07 11:48
Ethylbenzene	0.0364	ND		mg/kg dry		46	7061196	NQF0765-26	06/09/07 11:48
Toluene	0.0197	ND		mg/kg dry		50	7061196	NQF0765-26	06/09/07 11:48
Xylenes, total	0.0629	0.0330	R2	mg/kg dry	62	50	7061196	NQF0765-26	06/09/07 11:48
Surrogate: a,a,a-Trifluorotoluene		32.4		ug/L			7061196	NQF0765-26	06/09/07 11:48
7061196-DUP2									
Benzene	0.128	0.203		mg/kg dry	45	48	7061196	NQF0765-13	06/12/07 13:31
Ethylbenzene	0.113	0.194	R2	mg/kg dry	53	46	7061196	NQF0765-13	06/12/07 13:31
Toluene	0.0395	0.0617		mg/kg dry	44	50	7061196	NQF0765-13	06/12/07 13:31
Xylenes, total	0.101	0.148		mg/kg dry	38	50	7061196	NQF0765-13	06/12/07 13:31
Surrogate: a,a,a-Trifluorotoluene		40.2		ug/L			7061196	NQF0765-13	06/12/07 13:31
Purgeable Petroleum Hydrocarbons									
7061196-DUP1									
GRO (C4-C12) NW	22.6	8.60	R2, B	mg/kg dry	90	37	7061196	NQF0765-26	06/09/07 11:48
Surrogate: a,a,a-Trifluorotoluene		32.4		ug/L			7061196	NQF0765-26	06/09/07 11:48
7061196-DUP2									
GRO (C4-C12) NW	11.4	13.2	B	mg/kg dry	15	37	7061196	NQF0765-13	06/12/07 13:31
Surrogate: a,a,a-Trifluorotoluene		40.2		ug/L			7061196	NQF0765-13	06/12/07 13:31

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Total Metals by EPA Method 6010B								
7061280-BS1								
Lead	100	101		mg/kg wet	101%	80 - 120	7061280	06/08/07 17:45
Volatile Organic Compounds by EPA Method 8021B								
7061196-BS1								
Benzene	0.100	0.0994		mg/kg wet	99%	69 - 131	7061196	06/09/07 06:49
Ethylbenzene	0.100	0.100		mg/kg wet	100%	79 - 123	7061196	06/09/07 06:49
Toluene	0.100	0.101		mg/kg wet	101%	74 - 122	7061196	06/09/07 06:49
Xylenes, total	0.200	0.196		mg/kg wet	98%	75 - 125	7061196	06/09/07 06:49
Surrogate: a,a,a-Trifluorotoluene	30.0	32.4			108%	59 - 159	7061196	06/09/07 06:49
7061196-BS3								
Benzene	0.100	0.0985		mg/kg wet	98%	69 - 131	7061196	06/09/07 18:37
Ethylbenzene	0.100	0.0992		mg/kg wet	99%	79 - 123	7061196	06/09/07 18:37
Toluene	0.100	0.100		mg/kg wet	100%	74 - 122	7061196	06/09/07 18:37
Xylenes, total	0.200	0.193		mg/kg wet	96%	75 - 125	7061196	06/09/07 18:37
Surrogate: a,a,a-Trifluorotoluene	30.0	33.9			113%	59 - 159	7061196	06/09/07 18:37
7062284-BS1								
Benzene	0.100	0.104		mg/kg wet	104%	69 - 131	7062284	06/12/07 20:47
Ethylbenzene	0.100	0.105		mg/kg wet	105%	79 - 123	7062284	06/12/07 20:47
Toluene	0.100	0.106		mg/kg wet	106%	74 - 122	7062284	06/12/07 20:47
Xylenes, total	0.200	0.203		mg/kg wet	102%	75 - 125	7062284	06/12/07 20:47
Surrogate: a,a,a-Trifluorotoluene	30.0	35.3			118%	59 - 159	7062284	06/12/07 20:47
Extractable Petroleum Hydrocarbons								
7061273-BS1								
Diesel	40.0	30.7		mg/kg wet	77%	59 - 135	7061273	06/12/07 14:22
Surrogate: o-Terphenyl	0.800	0.594			74%	50 - 150	7061273	06/12/07 14:22
7061274-BS1								
Diesel	40.0	30.9		mg/kg wet	77%	59 - 135	7061274	06/12/07 18:56
Surrogate: o-Terphenyl	0.800	0.649			81%	50 - 150	7061274	06/12/07 18:56
7061275-BS1								
Diesel	40.0	40.1		mg/kg wet	100%	59 - 135	7061275	06/11/07 21:34
Surrogate: o-Terphenyl	0.800	0.636			79%	32 - 132	7061275	06/11/07 21:34
7061276-BS1								
Diesel	40.0	40.9		mg/kg wet	102%	59 - 135	7061276	06/12/07 16:48
Surrogate: o-Terphenyl	0.800	0.615			77%	50 - 150	7061276	06/12/07 16:48
7062246-BS1								

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Extractable Petroleum Hydrocarbons								
7062246-BS1								
Diesel	40.0	38.1		mg/kg wet	95%	59 - 135	7062246	06/14/07 09:35
Surrogate: o-Terphenyl	0.800	0.649			81%	50 - 150	7062246	06/14/07 09:35
Purgeable Petroleum Hydrocarbons								
7061196-BS2								
GRO (C4-C12) NW	1.00	1.04	B	mg/kg wet	104%	72 - 126	7061196	06/09/07 07:16
Surrogate: a,a,a-Trifluorotoluene	30.0	34.8			116%	66 - 146	7061196	06/09/07 07:16
7061196-BS4								
GRO (C4-C12) NW	1.00	0.946	B	mg/kg wet	95%	72 - 126	7061196	06/09/07 19:05
Surrogate: a,a,a-Trifluorotoluene	30.0	34.4			115%	66 - 146	7061196	06/09/07 19:05
7062284-BS2								
GRO (C4-C12) NW	1.00	0.981		mg/kg wet	98%	72 - 126	7062284	06/12/07 21:30
Surrogate: a,a,a-Trifluorotoluene	30.0	36.6			122%	66 - 146	7062284	06/12/07 21:30

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Total Metals by EPA Method 6010B										
7061280-MS1										
Lead	1.76	120		mg/kg dry	124	95%	75 - 125	7061280	NQF0765-03	06/08/07 18:08
Extractable Petroleum Hydrocarbons										
7061273-MS1										
Diesel	ND	36.4		mg/kg dry	51.6	71%	35 - 145	7061273	NQF0765-01	06/12/07 14:39
Surrogate: o-Terphenyl		0.390	Z	mg/kg dry	1.03	38%	50 - 150	7061273	NQF0765-01	06/12/07 14:39
7061274-MS1										
Diesel	ND	33.7		mg/kg dry	43.6	77%	35 - 145	7061274	NQF0765-12	06/12/07 19:13
Surrogate: o-Terphenyl		0.731		mg/kg dry	0.872	84%	50 - 150	7061274	NQF0765-12	06/12/07 19:13
7061275-MS1										
Diesel	ND	44.9		mg/kg dry	45.8	98%	35 - 145	7061275	NQF0765-21	06/11/07 21:53
Surrogate: o-Terphenyl		0.774		mg/kg dry	0.916	84%	32 - 132	7061275	NQF0765-21	06/11/07 21:53
7061276-MS1										
Diesel	ND	33.7		mg/kg dry	44.6	76%	35 - 145	7061276	NQF0765-31	06/12/07 17:07
Surrogate: o-Terphenyl		0.491		mg/kg dry	0.892	55%	50 - 150	7061276	NQF0765-31	06/12/07 17:07
7062246-MS1										
Diesel	ND	42.0		mg/kg dry	52.8	80%	35 - 145	7062246	NQF0765-04RE1	06/14/07 09:55
Surrogate: o-Terphenyl		0.696		mg/kg dry	1.06	66%	50 - 150	7062246	NQF0765-04RE1	06/14/07 09:55

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
7061280-MSD1												
Lead	1.76	117		mg/kg dry	121	95%	75 - 125	3	20	7061280	NQF0765-03	06/08/07 18:12
Extractable Petroleum Hydrocarbons												
7061273-MSD1												
Diesel	ND	38.6		mg/kg dry	50.9	76%	35 - 145	6	43	7061273	NQF0765-01	06/12/07 14:56
Surrogate: o-Terphenyl		0.712		mg/kg dry	1.02	70%	50 - 150			7061273	NQF0765-01	06/12/07 14:56
7061274-MSD1												
Diesel	ND	32.5		mg/kg dry	43.6	75%	35 - 145	4	43	7061274	NQF0765-12	06/12/07 19:30
Surrogate: o-Terphenyl		0.622		mg/kg dry	0.873	71%	50 - 150			7061274	NQF0765-12	06/12/07 19:30
7061275-MSD1												
Diesel	ND	40.4		mg/kg dry	46.1	88%	35 - 145	11	43	7061275	NQF0765-21	06/11/07 22:52
Surrogate: o-Terphenyl		0.696		mg/kg dry	0.923	75%	32 - 132			7061275	NQF0765-21	06/11/07 22:52
7061276-MSD1												
Diesel	ND	38.8		mg/kg dry	43.3	90%	35 - 145	14	43	7061276	NQF0765-31	06/12/07 17:27
Surrogate: o-Terphenyl		0.606		mg/kg dry	0.866	70%	50 - 150			7061276	NQF0765-31	06/12/07 17:27
7062246-MSD1												
Diesel	ND	49.8		mg/kg dry	53.6	93%	35 - 145	17	43	7062246	NQF0765-04RE1	06/14/07 10:14
Surrogate: o-Terphenyl		0.833		mg/kg dry	1.07	78%	50 - 150			7062246	NQF0765-04RE1	06/14/07 10:14

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	Washington
NWTPH-Dx	Soil	N/A	X	X
NWTPH-Gx	Soil	N/A	X	X
SW846 6010B	Soil	N/A	X	X
SW846 8021B	Soil	N/A	X	X
SW-846	Soil			

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0765
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/07/07 08:00

DATA QUALIFIERS AND DEFINITIONS

A-01	The primary contamination elutes starting from C16 through around C40. Contamination most closely resembles motor oil.
A-01a	The primary contamination elutes starting from C20 through around C40. Contamination level was insufficient for a standard reference comparison match.
A-01b	The primary contamination elutes starting from C28 through around C40. The contamination does not match any standards in our reference file.
A-01c	The primary contamination elutes starting from C8 through around C24 and does not match any standards in our library. There is a secondary contamination eluting from C24 to greater than C40.
A-01d	The primary contamination elutes starting from C8 through around C24. Contamination does not match any standards in our reference file.
B	Analyte was detected in the associated Method Blank.
B1	Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
N1	See case narrative.
QSG	Silica Gel clean-up performed on extracts.
R2	The RPD exceeded the acceptance limit.
Z	Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

Nashville, TN

COOLER RECEIPT FORM

NQF0765

Cooler Received/Opened On 06/07/07 @ 08:00

1. Tracking # 4068 (last 4 digits, FedEx)

Courier: _____FED-EX IR Gun ID_A01124

2. Temperature of rep. sample or temp blank when opened: 1.7 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES NO NA

If yes, how many and where: 2-FRONT

5. Were the seals intact, signed, and dated correctly? YES NO NA

6. Were custody papers inside cooler? YES NO NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES NO NA

Were these signed and dated correctly? YES NO NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES NO NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES NO NA

12. Did all container labels and tags agree with custody papers? YES NO NA

13a. Were VOA vials received? YES NO NA

b. Was there any observable headspace present in any VOA vial? YES NO NA

14. Was there a Trip Blank in this cooler? YES NO NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO NA

b. Did the bottle labels indicate that the correct preservatives were used YES NO NA

If preservation in-house was needed, record standard ID of preservative used here_____

16. Was residual chlorine present? YES NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) WS

17. Were custody papers properly filled out (ink, signed, etc)? YES NO NA

18. Did you sign the custody papers in the appropriate place? YES NO NA

19. Were correct containers used for the analysis requested? YES NO NA

20. Was sufficient amount of sample sent in each container? YES NO NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) WS

I certify that I attached a label with the unique LIMS number to each container (intial) WS

21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO #_____

BIS = Broken in shipment
Cooler Receipt Form doc

TestAmerica
ANALYTICAL TESTING CORPORATION
Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On_6/7/07 @ 0800_

1 Tracking #_4067_____(last 4 digits, FedEx)

Courier: ____Fed-Ex___ IR Gun ID_____A00466_____

2. Temperature of rep. sample or temp blank when opened: 3.6 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

4. Were custody seals on outside of cooler? (YES) NO NA

If yes, how many and where: (2) Front

5 Were the seals intact, signed, and dated correctly? (YES) NO NA

6. Were custody papers inside cooler? (YES) NO NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

Were these signed and dated correctly? YES NO (NA)

8. Packing mat'l used? (Bubblewrap) (Plastic bag) Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES) NO NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES) NO NA

12. Did all container labels and tags agree with custody papers? (YES) NO NA

13a. Were VOA vials received? (YES) NO NA

b. Was there any observable headspace present in any VOA vial? YES (NO) NA

14. Was there a Trip Blank in this cooler? YES NO (NA) If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO NA

b. Did the bottle labels indicate that the correct preservatives were used YES NO NA

If preservation in-house was needed, record standard ID of preservative used here_____

16. Was residual chlorine present? YES NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES NO NA

18 Did you sign the custody papers in the appropriate place? YES NO NA

19 Were correct containers used for the analysis requested? YES NO NA

20. Was sufficient amount of sample sent in each container? YES NO NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO #_____

BIS = Broken in shipment

Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On June 7, 2007@ 0800

1. Tracking # 4080 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID A00750

2. Temperature of rep. sample or temp blank when opened: 2.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

4. Were custody seals on outside of cooler? (YES) NO NA

If yes, how many and where: 2 (Front)

5. Were the seals intact, signed, and dated correctly? (YES) NO NA

6. Were custody papers inside cooler? (YES) NO NA

I certify that I opened the cooler and answered questions 1-6 (intial) T

7. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

Were these signed and dated correctly? YES NO (NA)

8. Packing mat'l used? (Bubblewrap) (Plastic bag) Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES) NO NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES) NO NA

12. Did all container labels and tags agree with custody papers? (YES) NO NA

13a. Were VOA vials received? (YES) NO NA

b. Was there any observable headspace present in any VOA vial? YES (NO) NA

14. Was there a Trip Blank in this cooler? YES NO (NA) If multiple coolers, sequence # 4

I certify that I unloaded the cooler and answered questions 7-14 (intial) T

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO NA

b. Did the bottle labels indicate that the correct preservatives were used YES NO NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES NO NA

18. Did you sign the custody papers in the appropriate place? YES NO NA

19. Were correct containers used for the analysis requested? YES NO NA

20. Was sufficient amount of sample sent in each container? YES NO NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO #_____

Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On June 7, 2007@ 0800

1. Tracking # 4079 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID A00750

2. Temperature of rep. sample or temp blank when opened: 2.8 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

4. Were custody seals on outside of cooler? (YES) NO NA

If yes, how many and where: 2 (front)

5. Were the seals intact, signed, and dated correctly? (YES) NO NA

6. Were custody papers inside cooler? (YES) NO NA

I certify that I opened the cooler and answered questions 1-6 (intial) 5

7. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

Were these signed and dated correctly? YES NO (NA)

8. Packing mat'l used? (Bubblewrap) (Plastic bag) Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES) NO NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES) NO NA

12. Did all container labels and tags agree with custody papers? (YES) NO NA

13a. Were VOA vials received? (YES) NO NA

b. Was there any observable headspace present in any VOA vial? YES (NO) NA

14. Was there a Trip Blank in this cooler? YES NO (NA) If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (intial) [signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO NA

b. Did the bottle labels indicate that the correct preservatives were used YES NO NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES NO NA

18. Did you sign the custody papers in the appropriate place? YES NO NA

19. Were correct containers used for the analysis requested? YES NO NA

20. Was sufficient amount of sample sent in each container? YES NO NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO #_____

BIS = Broken in shipment

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Environmental Resolutions, Inc. | TA Account #: 10313
Address: 815 Industry Drive | Invoice To: Tim Strawn
City/State/Zip: Tukwila, WA 98188 | Report To: John Meyer
ExxonMobil Territory Mgr: Tim Strawn | PO #: 4508139499
Consultant Project Mgr: John K. Meyer | Facility ID # 99-MPB
Consultant Telephone Number: 206-575-6220 | Fax No : 206-575-6423 | Site Address 2200 24th Ave East
Sampler Name: (Print) John K. Meyer | City, State, Zip Seattle, WA 98112
Sampler Signature: Rory G Hennelly for John K Meyer | Regulatory District (CA) N/A

NQF0765
06/14/07 23:59

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-G by NWTPH-Gx	TPH-D by NWTPH-Dx	TPH-O by NWPTH-Ox	BTEX by 8021B	Total Pb by 6010B	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
SP1-5	6/4/2007		3	3			2							1					X		X	X	X	X			5		-01
SP1-8	6/4/2007		3	3			2							1					X		X	X	X	X			5		-02
SP1-15	6/4/2007		3	3			2							1					X		X	X	X	X	X		5		-03
SP2-5	6/4/2007		3	3			2							1					X		X	X	X	X			5		-04
SP2-11	6/4/2007		3	3			2							1					X		X	X	X	X			5		-05
SP2-16	6/4/2007		3	3			2							1					X		X	X	X	X	X		5		-06
SP3-5	6/4/2007		3	3			2							1					X		X	X	X	X			5		-07
SP3-9	6/5/2007		3	3			2							1					X		X	X	X	X			5		-08
SP3-13	6/5/2007		3	3			2							1					X		X	X	X	X	X		5		-09
SP4-5	6/4/2007		3	3			2							1					X		X	X	X	X			5		-10
SP4-8	6/4/2007		3	3			2							1					X		X	X	X	X			5		-11
SP4-11	6/5/2007		3	3			2							1					X		X	X	X	X			5		-12
SP4-18	6/5/2007		3	3			2							1					X		X	X	X	X	X		5		-13
SP5-5	6/4/2007		3	3			2							1					X		X	X	X	X			5		-14
SP5-11	6/5/2007		3	3			2							1					X		X	X	X	X			5		-15
SP5-19	6/5/2007		3	3			2							1					X		X	X	X	X	X		5		-16
SP6-5	6/5/2007		3	3			2							1					X		X	X	X	X			5		-17
SP6-11	6/5/2007		3	3			2							1					X		X	X	X	X	X		5		-18
SP7-5	6/5/2007		3	3			2							1					X		X	X	X	X			5		-19
SP7-11	6/5/2007		3	3			2							1					X		X	X	X	X			5		-20
SP7-14	6/5/2007		3	3			2							1					X		X	X	X	X			5		-21
SP7-20	6/5/2007		3	3			2							1					X		X	X	X	X			5		-22
SP7-22	6/5/2007		3	3			2							1					X		X	X	X	X	X		5		-23
SP8-5	6/5/2007		3	3			2							1					X		X	X	X	X			5		-24
SP8-11	6/5/2007		3	3			2							1					X		X	X	X	X			5		-25
SP8-16	6/5/2007		3	3			2							1					X		X	X	X	X			5		-26
SP8-18	6/5/2007		3	3			2							1					X		X	X	X	X	X		5		~~-27~~
SP9-5	6/5/2007		3	3			2							1					X		X	X	X	X			5		-28
SP9-12	6/5/2007		3	3			2							1					X		X	X	X	X			5		-29
SP9-20	6/5/2007		3	3			2							1					X		X	X	X	X	X		5		-30
SP10-5	6/5/2007		3	3			2							1					X		X	X	X	X			5		-31
SP10-11	6/5/2007		3	3			2							1					X		X	X	X	X			5		-32
SP10-15	6/5/2007		3	3			2							1					X		X	X	X	X	X		5		-33
SP11-5	6/5/2007		3	3			2							1					X		X	X	X	X			5		-34
SP11-12	6/5/2007		3	3			2							1					X		X	X	X	X	X		5		-35
SP12-5	6/5/2007		3	3			2							1					X		X	X	X	X			5		-36
SP12-11	6/5/2007		3	3			2							1					X		X	X	X	X			5		-37
SP12-20	6/5/2007		3	3			2							1					X		X	X	X	X	X		5		-38
SP13-5	6/5/2007		3	3			2							1					X		X	X	X	X	X		5		-39

~~-27~~ WS 6/7/07 -27

Comments/Special Instructions: **ERI Project Number 31163**

*5-Day Turn Around Time

Relinquished by:	Date	Time	Received by:	Date	Time
Rory G Hennelly	6/6/2007	1:15pm			
Relinquished by:	Date	Time	Received by (Lab personnel)	Date	Time
				6/7/07	8:00

Laboratory Comments:
Temperature Upon Receipt: 1.7°C
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N N/A
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please alert pre-schedule w/ TestAmerica Project Manager or attach specific instructions

WS 6/7/7

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

June 15, 2007 1:41:13PM

Client: ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn: John K. Meyer

Work Order: NQF0927
Project Name: Exxon 99-MPB
Project Nbr: 31163
P/O Nbr: 4508139499
Date Received: 06/08/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
SP13-11	NQF0927-01	06/06/07 00:01
SP13-18	NQF0927-02	06/06/07 00:01
SP14-5	NQF0927-03	06/06/07 00:01
SP14-11	NQF0927-04	06/06/07 00:01
SP14-16	NQF0927-05	06/06/07 00:01
SP14-20	NQF0927-06	06/06/07 00:01
SP15-5	NQF0927-07	06/06/07 00:01
SP15-11	NQF0927-08	06/06/07 00:01
SP15-20	NQF0927-09	06/06/07 00:01
SP16-5	NQF0927-10	06/06/07 00:01
SP16-11	NQF0927-11	06/06/07 00:01
SP16-16	NQF0927-12	06/06/07 00:01
SP17-5	NQF0927-13	06/06/07 00:01
SP17-12	NQF0927-14	06/06/07 00:01
SP17-14	NQF0927-15	06/06/07 00:01
SP17-20	NQF0927-16	06/06/07 00:01
SP18-6	NQF0927-17	06/06/07 00:01
SP18-11	NQF0927-18	06/06/07 00:01
SP19-5	NQF0927-19	06/06/07 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.
.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

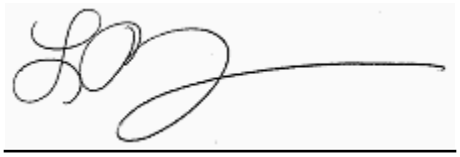
Additional Laboratory Comments:
For sample SP16-16(NQF0927-12), the results for NWTPH-Gx, ethylbenzene & xylenes have been flagged as
due to possible carryover. This sample was analyzed as a duplicate and yielded nondetects.
Washington Certification Number: C1712
The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainity is available upon request.
This report has been electronically signed.
Report Approved By:

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00



Leah R. Klingensmith

Senior Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0927-01 (SP13-11 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**92.0**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**4.65**		mg/kg dry	0.427	1000	06/14/07 01:27	SW846 8021B	7062449
Ethylbenzene	**11.3**		mg/kg dry	0.854	1000	06/14/07 01:27	SW846 8021B	7062449
Toluene	**4.90**		mg/kg dry	0.854	1000	06/14/07 01:27	SW846 8021B	7062449
Xylenes, total	**7.10**		mg/kg dry	2.56	1000	06/14/07 01:27	SW846 8021B	7062449
Surr: a,a,a-Trifluorotoluene (59-159%)	*124 %*					*06/14/07 01:27*	*SW846 8021B*	*7062449*
Extractable Petroleum Hydrocarbons								
Diesel	**267**	A-01a, QSG	mg/kg dry	21.5	5	06/14/07 08:45	NWTPH-Dx	7061527
Motor Oil	ND	QSG	mg/kg dry	21.5	5	06/14/07 08:45	NWTPH-Dx	7061527
Surr: o-Terphenyl (50-150%)	*65 %*					*06/14/07 08:45*	*NWTPH-Dx*	*7061527*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**3980**		mg/kg dry	85.4	1000	06/14/07 01:27	NWTPH-Gx	7062449
Surr: a,a,a-Trifluorotoluene (66-146%)	*124 %*					*06/14/07 01:27*	*NWTPH-Gx*	*7062449*
Sample ID: NQF0927-02 (SP13-18 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.4**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Total Metals by EPA Method 6010B								
Lead	**3.00**		mg/kg dry	1.11	1	06/12/07 14:35	SW846 6010B	7061451
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0211	50	06/14/07 01:54	SW846 8021B	7062449
Ethylbenzene	ND		mg/kg dry	0.0423	50	06/14/07 01:54	SW846 8021B	7062449
Toluene	ND		mg/kg dry	0.0423	50	06/14/07 01:54	SW846 8021B	7062449
Xylenes, total	ND		mg/kg dry	0.127	50	06/14/07 01:54	SW846 8021B	7062449
Surr: a,a,a-Trifluorotoluene (59-159%)	*91 %*					*06/14/07 01:54*	*SW846 8021B*	*7062449*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.56	1	06/13/07 10:50	NWTPH-Dx	7061527
Motor Oil	ND	QSG	mg/kg dry	4.56	1	06/13/07 10:50	NWTPH-Dx	7061527
Surr: o-Terphenyl (50-150%)	*96 %*					*06/13/07 10:50*	*NWTPH-Dx*	*7061527*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	4.23	50	06/14/07 01:54	NWTPH-Gx	7062449
Surr: a,a,a-Trifluorotoluene (66-146%)	*91 %*					*06/14/07 01:54*	*NWTPH-Gx*	*7062449*
Sample ID: NQF0927-03 (SP14-5 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.4**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0546	50	06/13/07 00:14	SW846 8021B	7061412
Ethylbenzene	ND		mg/kg dry	0.0546	50	06/13/07 00:14	SW846 8021B	7061412

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0927-03 (SP14-5 - Soil) - cont. Sampled: 06/06/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Toluene	ND		mg/kg dry	0.0546	50	06/13/07 00:14	SW846 8021B	7061412
Xylenes, total	ND		mg/kg dry	0.164	50	06/13/07 00:14	SW846 8021B	7061412
Surr: a,a,a-Trifluorotoluene (59-159%)	*108 %*					*06/13/07 00:14*	*SW846 8021B*	*7061412*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.50	1	06/13/07 11:05	NWTPH-Dx	7061527
Motor Oil	ND	QSG	mg/kg dry	4.50	1	06/13/07 11:05	NWTPH-Dx	7061527
Surr: o-Terphenyl (50-150%)	*119 %*					*06/13/07 11:05*	*NWTPH-Dx*	*7061527*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**12.1**		mg/kg dry	5.46	50	06/13/07 00:14	NWTPH-Gx	7061412
Surr: a,a,a-Trifluorotoluene (66-146%)	*108 %*					*06/13/07 00:14*	*NWTPH-Gx*	*7061412*
Sample ID: NQF0927-04 (SP14-11 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.6**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0587	50	06/13/07 00:41	SW846 8021B	7061412
Ethylbenzene	ND		mg/kg dry	0.0587	50	06/13/07 00:41	SW846 8021B	7061412
Toluene	ND		mg/kg dry	0.0587	50	06/13/07 00:41	SW846 8021B	7061412
Xylenes, total	ND		mg/kg dry	0.176	50	06/13/07 00:41	SW846 8021B	7061412
Surr: a,a,a-Trifluorotoluene (59-159%)	*108 %*					*06/13/07 00:41*	*SW846 8021B*	*7061412*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.42	1	06/13/07 11:21	NWTPH-Dx	7061527
Motor Oil	ND	QSG	mg/kg dry	4.42	1	06/13/07 11:21	NWTPH-Dx	7061527
Surr: o-Terphenyl (50-150%)	*86 %*					*06/13/07 11:21*	*NWTPH-Dx*	*7061527*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**6.63**		mg/kg dry	5.87	50	06/13/07 00:41	NWTPH-Gx	7061412
Surr: a,a,a-Trifluorotoluene (66-146%)	*108 %*					*06/13/07 00:41*	*NWTPH-Gx*	*7061412*
Sample ID: NQF0927-05 (SP14-16 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**84.3**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0438	50	06/13/07 01:08	SW846 8021B	7061412
Ethylbenzene	ND		mg/kg dry	0.0438	50	06/13/07 01:08	SW846 8021B	7061412
Toluene	ND		mg/kg dry	0.0438	50	06/13/07 01:08	SW846 8021B	7061412
Xylenes, total	ND		mg/kg dry	0.131	50	06/13/07 01:08	SW846 8021B	7061412
Surr: a,a,a-Trifluorotoluene (59-159%)	*108 %*					*06/13/07 01:08*	*SW846 8021B*	*7061412*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.59	1	06/13/07 11:37	NWTPH-Dx	7061527
Motor Oil	ND	QSG	mg/kg dry	4.59	1	06/13/07 11:37	NWTPH-Dx	7061527

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0927-05 (SP14-16 - Soil) - cont. Sampled: 06/06/07 00:01								
Extractable Petroleum Hydrocarbons - cont.								
Surr: o-Terphenyl (50-150%)	*96 %*					*06/13/07 11:37*	*NWTPH-Dx*	*7061527*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	4.38	50	06/13/07 01:08	NWTPH-Gx	7061412
Surr: a,a,a-Trifluorotoluene (66-146%)	*108 %*					*06/13/07 01:08*	*NWTPH-Gx*	*7061412*
Sample ID: NQF0927-06 (SP14-20 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**91.8**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Total Metals by EPA Method 6010B								
Lead	**2.15**		mg/kg dry	1.06	1	06/12/07 14:39	SW846 6010B	7061451
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0408	50	06/13/07 01:35	SW846 8021B	7061412
Ethylbenzene	ND		mg/kg dry	0.0408	50	06/13/07 01:35	SW846 8021B	7061412
Toluene	ND		mg/kg dry	0.0408	50	06/13/07 01:35	SW846 8021B	7061412
Xylenes, total	ND		mg/kg dry	0.122	50	06/13/07 01:35	SW846 8021B	7061412
Surr: a,a,a-Trifluorotoluene (59-159%)	*110 %*					*06/13/07 01:35*	*SW846 8021B*	*7061412*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.31	1	06/13/07 11:53	NWTPH-Dx	7061527
Motor Oil	ND	QSG	mg/kg dry	4.31	1	06/13/07 11:53	NWTPH-Dx	7061527
Surr: o-Terphenyl (50-150%)	*95 %*					*06/13/07 11:53*	*NWTPH-Dx*	*7061527*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	4.08	50	06/13/07 01:35	NWTPH-Gx	7061412
Surr: a,a,a-Trifluorotoluene (66-146%)	*110 %*					*06/13/07 01:35*	*NWTPH-Gx*	*7061412*
Sample ID: NQF0927-07 (SP15-5 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**86.0**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0457	50	06/13/07 02:03	SW846 8021B	7061412
Ethylbenzene	ND		mg/kg dry	0.0457	50	06/13/07 02:03	SW846 8021B	7061412
Toluene	ND		mg/kg dry	0.0457	50	06/13/07 02:03	SW846 8021B	7061412
Xylenes, total	ND		mg/kg dry	0.137	50	06/13/07 02:03	SW846 8021B	7061412
Surr: a,a,a-Trifluorotoluene (59-159%)	*108 %*					*06/13/07 02:03*	*SW846 8021B*	*7061412*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.63	1	06/13/07 12:09	NWTPH-Dx	7061527
Motor Oil	**10.6**	A-01, QSG	mg/kg dry	4.63	1	06/13/07 12:09	NWTPH-Dx	7061527
Surr: o-Terphenyl (50-150%)	*91 %*					*06/13/07 12:09*	*NWTPH-Dx*	*7061527*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	4.57	50	06/13/07 02:03	NWTPH-Gx	7061412
Surr: a,a,a-Trifluorotoluene (66-146%)	*108 %*					*06/13/07 02:03*	*NWTPH-Gx*	*7061412*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0927-08 (SP15-11 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**88.2**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0504	50	06/13/07 02:30	SW846 8021B	7061412
Ethylbenzene	ND		mg/kg dry	0.0504	50	06/13/07 02:30	SW846 8021B	7061412
Toluene	ND		mg/kg dry	0.0504	50	06/13/07 02:30	SW846 8021B	7061412
Xylenes, total	ND		mg/kg dry	0.151	50	06/13/07 02:30	SW846 8021B	7061412
Surr: a,a,a-Trifluorotoluene (59-159%)	*108 %*					*06/13/07 02:30*	*SW846 8021B*	*7061412*
Extractable Petroleum Hydrocarbons								
Diesel	**52.1**	A-01a, QSG	mg/kg dry	4.50	1	06/13/07 12:25	NWTPH-Dx	7061527
Motor Oil	ND	QSG	mg/kg dry	4.50	1	06/13/07 12:25	NWTPH-Dx	7061527
Surr: o-Terphenyl (50-150%)	*101 %*					*06/13/07 12:25*	*NWTPH-Dx*	*7061527*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**10.0**		mg/kg dry	5.04	50	06/13/07 02:30	NWTPH-Gx	7061412
Surr: a,a,a-Trifluorotoluene (66-146%)	*108 %*					*06/13/07 02:30*	*NWTPH-Gx*	*7061412*
Sample ID: NQF0927-09 (SP15-20 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.3**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Total Metals by EPA Method 6010B								
Lead	**2.33**		mg/kg dry	1.13	1	06/12/07 21:07	SW846 6010B	7061787
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0449	50	06/13/07 02:57	SW846 8021B	7061412
Ethylbenzene	ND		mg/kg dry	0.0449	50	06/13/07 02:57	SW846 8021B	7061412
Toluene	ND		mg/kg dry	0.0449	50	06/13/07 02:57	SW846 8021B	7061412
Xylenes, total	ND		mg/kg dry	0.135	50	06/13/07 02:57	SW846 8021B	7061412
Surr: a,a,a-Trifluorotoluene (59-159%)	*113 %*					*06/13/07 02:57*	*SW846 8021B*	*7061412*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.44	1	06/13/07 12:42	NWTPH-Dx	7061527
Motor Oil	ND	QSG	mg/kg dry	4.44	1	06/13/07 12:42	NWTPH-Dx	7061527
Surr: o-Terphenyl (50-150%)	*103 %*					*06/13/07 12:42*	*NWTPH-Dx*	*7061527*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**5.29**		mg/kg dry	4.49	50	06/13/07 02:57	NWTPH-Gx	7061412
Surr: a,a,a-Trifluorotoluene (66-146%)	*113 %*					*06/13/07 02:57*	*NWTPH-Gx*	*7061412*
Sample ID: NQF0927-10 (SP16-5 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**72.0**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0644	50	06/13/07 03:24	SW846 8021B	7061412
Ethylbenzene	ND		mg/kg dry	0.0644	50	06/13/07 03:24	SW846 8021B	7061412

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0927-10 (SP16-5 - Soil) - cont. Sampled: 06/06/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Toluene	ND		mg/kg dry	0.0644	50	06/13/07 03:24	SW846 8021B	7061412
Xylenes, total	ND		mg/kg dry	0.193	50	06/13/07 03:24	SW846 8021B	7061412
Surr: a,a,a-Trifluorotoluene (59-159%)	*110 %*					*06/13/07 03:24*	*SW846 8021B*	*7061412*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.38	1	06/13/07 12:58	NWTPH-Dx	7061527
Motor Oil	ND	QSG	mg/kg dry	5.38	1	06/13/07 12:58	NWTPH-Dx	7061527
Surr: o-Terphenyl (50-150%)	*76 %*					*06/13/07 12:58*	*NWTPH-Dx*	*7061527*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	6.44	50	06/13/07 03:24	NWTPH-Gx	7061412
Surr: a,a,a-Trifluorotoluene (66-146%)	*110 %*					*06/13/07 03:24*	*NWTPH-Gx*	*7061412*
Sample ID: NQF0927-11 (SP16-11 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**83.3**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**7.44**		mg/kg dry	0.462	1000	06/14/07 02:21	SW846 8021B	7062449
Ethylbenzene	**22.5**		mg/kg dry	0.923	1000	06/14/07 02:21	SW846 8021B	7062449
Toluene	**7.02**		mg/kg dry	0.923	1000	06/14/07 02:21	SW846 8021B	7062449
Xylenes, total	**63.2**		mg/kg dry	2.77	1000	06/14/07 02:21	SW846 8021B	7062449
Surr: a,a,a-Trifluorotoluene (59-159%)	*126 %*					*06/14/07 02:21*	*SW846 8021B*	*7062449*
Extractable Petroleum Hydrocarbons								
Diesel	**106**	A-01d, QSG	mg/kg dry	4.73	1	06/15/07 10:13	NWTPH-Dx	7062517
Motor Oil	ND	QSG	mg/kg dry	4.73	1	06/15/07 10:13	NWTPH-Dx	7062517
Surr: o-Terphenyl (50-150%)	*105 %*					*06/15/07 10:13*	*NWTPH-Dx*	*7062517*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**2540**		mg/kg dry	92.3	1000	06/14/07 02:21	NWTPH-Gx	7062449
Surr: a,a,a-Trifluorotoluene (66-146%)	*126 %*					*06/14/07 02:21*	*NWTPH-Gx*	*7062449*
Sample ID: NQF0927-12 (SP16-16 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**88.9**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Total Metals by EPA Method 6010B								
Lead	**2.96**		mg/kg dry	1.07	1	06/12/07 14:44	SW846 6010B	7061451
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0512	50	06/13/07 05:13	SW846 8021B	7061412
Ethylbenzene	**0.0598**	CF7	mg/kg dry	0.0512	50	06/13/07 05:13	SW846 8021B	7061412
Toluene	ND		mg/kg dry	0.0512	50	06/13/07 05:13	SW846 8021B	7061412
Xylenes, total	**0.154**	CF7	mg/kg dry	0.154	50	06/13/07 05:13	SW846 8021B	7061412
Surr: a,a,a-Trifluorotoluene (59-159%)	*113 %*					*06/13/07 05:13*	*SW846 8021B*	*7061412*
Extractable Petroleum Hydrocarbons								

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0927-12 (SP16-16 - Soil) - cont. Sampled: 06/06/07 00:01								
Extractable Petroleum Hydrocarbons - cont.								
Diesel	ND	QSG	mg/kg dry	4.34	1	06/13/07 15:07	NWTPH-Dx	7061526
Motor Oil	ND	QSG	mg/kg dry	4.34	1	06/13/07 15:07	NWTPH-Dx	7061526
Surr: o-Terphenyl (50-150%)	*93 %*					*06/13/07 15:07*	*NWTPH-Dx*	*7061526*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**24.3**	CF7	mg/kg dry	5.12	50	06/13/07 05:13	NWTPH-Gx	7061412
Surr: a,a,a-Trifluorotoluene (66-146%)	*113 %*					*06/13/07 05:13*	*NWTPH-Gx*	*7061412*
Sample ID: NQF0927-13 (SP17-5 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**62.9**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0750	50	06/13/07 05:40	SW846 8021B	7061412
Ethylbenzene	ND		mg/kg dry	0.0750	50	06/13/07 05:40	SW846 8021B	7061412
Toluene	ND		mg/kg dry	0.0750	50	06/13/07 05:40	SW846 8021B	7061412
Xylenes, total	ND		mg/kg dry	0.225	50	06/13/07 05:40	SW846 8021B	7061412
Surr: a,a,a-Trifluorotoluene (59-159%)	*106 %*					*06/13/07 05:40*	*SW846 8021B*	*7061412*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	6.22	1	06/15/07 10:29	NWTPH-Dx	7062517
Motor Oil	**15.5**	A-01b, QSG	mg/kg dry	6.22	1	06/15/07 10:29	NWTPH-Dx	7062517
Surr: o-Terphenyl (50-150%)	*104 %*					*06/15/07 10:29*	*NWTPH-Dx*	*7062517*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**9.49**		mg/kg dry	7.50	50	06/13/07 05:40	NWTPH-Gx	7061412
Surr: a,a,a-Trifluorotoluene (66-146%)	*106 %*					*06/13/07 05:40*	*NWTPH-Gx*	*7061412*
Sample ID: NQF0927-14 (SP17-12 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**70.6**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.126**		mg/kg dry	0.0578	50	06/13/07 06:07	SW846 8021B	7061412
Ethylbenzene	**0.182**		mg/kg dry	0.0578	50	06/13/07 06:07	SW846 8021B	7061412
Toluene	**0.107**		mg/kg dry	0.0578	50	06/13/07 06:07	SW846 8021B	7061412
Xylenes, total	**0.274**		mg/kg dry	0.173	50	06/13/07 06:07	SW846 8021B	7061412
Surr: a,a,a-Trifluorotoluene (59-159%)	*121 %*					*06/13/07 06:07*	*SW846 8021B*	*7061412*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.59	1	06/13/07 15:40	NWTPH-Dx	7061526
Motor Oil	ND	QSG	mg/kg dry	5.59	1	06/13/07 15:40	NWTPH-Dx	7061526
Surr: o-Terphenyl (50-150%)	*77 %*					*06/13/07 15:40*	*NWTPH-Dx*	*7061526*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**36.2**		mg/kg dry	5.78	50	06/13/07 06:07	NWTPH-Gx	7061412
Surr: a,a,a-Trifluorotoluene (66-146%)	*121 %*					*06/13/07 06:07*	*NWTPH-Gx*	*7061412*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0927-15 (SP17-14 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**83.3**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**10.1**		mg/kg dry	1.03	2000	06/14/07 02:49	SW846 8021B	7062449
Ethylbenzene	**59.7**		mg/kg dry	2.07	2000	06/14/07 02:49	SW846 8021B	7062449
Toluene	**25.5**		mg/kg dry	2.07	2000	06/14/07 02:49	SW846 8021B	7062449
Xylenes, total	**251**		mg/kg dry	6.21	2000	06/14/07 02:49	SW846 8021B	7062449
Surr: a,a,a-Trifluorotoluene (59-159%)	*117 %*					*06/14/07 02:49*	*SW846 8021B*	*7062449*
Extractable Petroleum Hydrocarbons								
Diesel	**164**	A-01d, QSG	mg/kg dry	4.69	1	06/14/07 10:36	NWTPH-Dx	7061526
Motor Oil	ND	QSG	mg/kg dry	4.69	1	06/14/07 10:36	NWTPH-Dx	7061526
Surr: o-Terphenyl (50-150%)	*97 %*					*06/14/07 10:36*	*NWTPH-Dx*	*7061526*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**5750**		mg/kg dry	207	2000	06/14/07 02:49	NWTPH-Gx	7062449
Surr: a,a,a-Trifluorotoluene (66-146%)	*117 %*					*06/14/07 02:49*	*NWTPH-Gx*	*7062449*
Sample ID: NQF0927-16 (SP17-20 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.6**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Total Metals by EPA Method 6010B								
Lead	**2.80**		mg/kg dry	1.13	1	06/12/07 16:08	SW846 6010B	7061451
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.0366**		mg/kg dry	0.0193	50	06/14/07 03:16	SW846 8021B	7062449
Ethylbenzene	**0.0796**		mg/kg dry	0.0387	50	06/14/07 03:16	SW846 8021B	7062449
Toluene	**0.0418**		mg/kg dry	0.0387	50	06/14/07 03:16	SW846 8021B	7062449
Xylenes, total	**0.224**		mg/kg dry	0.116	50	06/14/07 03:16	SW846 8021B	7062449
Surr: a,a,a-Trifluorotoluene (59-159%)	*102 %*					*06/14/07 03:16*	*SW846 8021B*	*7062449*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.54	1	06/13/07 16:13	NWTPH-Dx	7061526
Motor Oil	ND	QSG	mg/kg dry	4.54	1	06/13/07 16:13	NWTPH-Dx	7061526
Surr: o-Terphenyl (50-150%)	*87 %*					*06/13/07 16:13*	*NWTPH-Dx*	*7061526*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**12.1**		mg/kg dry	3.87	50	06/14/07 03:16	NWTPH-Gx	7062449
Surr: a,a,a-Trifluorotoluene (66-146%)	*102 %*					*06/14/07 03:16*	*NWTPH-Gx*	*7062449*
Sample ID: NQF0927-17 (SP18-6 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**71.7**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.800**		mg/kg dry	0.0584	50	06/13/07 07:29	SW846 8021B	7061412
Ethylbenzene	**1.42**		mg/kg dry	0.0584	50	06/13/07 07:29	SW846 8021B	7061412

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0927-17 (SP18-6 - Soil) - cont. Sampled: 06/06/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Toluene	**0.622**		mg/kg dry	0.0584	50	06/13/07 07:29	SW846 8021B	7061412
Xylenes, total	**0.884**		mg/kg dry	0.175	50	06/13/07 07:29	SW846 8021B	7061412
Surr: a,a,a-Trifluorotoluene (59-159%)	*145 %*					*06/13/07 07:29*	*SW846 8021B*	*7061412*
Extractable Petroleum Hydrocarbons								
Diesel	**10.3**	A-01d, QSG	mg/kg dry	5.57	1	06/15/07 10:44	NWTPH-Dx	7062517
Motor Oil	**20.5**	A-01c, QSG	mg/kg dry	5.57	1	06/15/07 10:44	NWTPH-Dx	7062517
Surr: o-Terphenyl (50-150%)	*105 %*					*06/15/07 10:44*	*NWTPH-Dx*	*7062517*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**304**		mg/kg dry	58.4	500	06/14/07 03:43	NWTPH-Gx	7062449
Surr: a,a,a-Trifluorotoluene (66-146%)	*102 %*					*06/14/07 03:43*	*NWTPH-Gx*	*7062449*
Sample ID: NQF0927-18 (SP18-11 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**86.6**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Total Metals by EPA Method 6010B								
Lead	**4.59**		mg/kg dry	1.15	1	06/12/07 16:13	SW846 6010B	7061451
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.187**		mg/kg dry	0.0479	50	06/13/07 07:56	SW846 8021B	7061412
Ethylbenzene	**1.26**		mg/kg dry	0.0479	50	06/13/07 07:56	SW846 8021B	7061412
Toluene	ND		mg/kg dry	0.0479	50	06/13/07 07:56	SW846 8021B	7061412
Xylenes, total	**1.40**		mg/kg dry	0.144	50	06/13/07 07:56	SW846 8021B	7061412
Surr: a,a,a-Trifluorotoluene (59-159%)	*133 %*					*06/13/07 07:56*	*SW846 8021B*	*7061412*
Extractable Petroleum Hydrocarbons								
Diesel	**39.6**	A-01d, QSG	mg/kg dry	4.52	1	06/15/07 11:00	NWTPH-Dx	7062517
Motor Oil	**5.81**	QSG	mg/kg dry	4.52	1	06/15/07 11:00	NWTPH-Dx	7062517
Surr: o-Terphenyl (50-150%)	*106 %*					*06/15/07 11:00*	*NWTPH-Dx*	*7062517*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**278**		mg/kg dry	4.79	50	06/13/07 07:56	NWTPH-Gx	7061412
Surr: a,a,a-Trifluorotoluene (66-146%)	*133 %*					*06/13/07 07:56*	*NWTPH-Gx*	*7061412*
Sample ID: NQF0927-19 (SP19-5 - Soil) Sampled: 06/06/07 00:01								
General Chemistry Parameters								
% Dry Solids	**84.4**		%	0.500	1	06/12/07 09:19	SW-846	7061744
Total Metals by EPA Method 6010B								
Lead	**20.8**		mg/kg dry	1.15	1	06/12/07 16:17	SW846 6010B	7061451
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0485	50	06/13/07 08:23	SW846 8021B	7061412
Ethylbenzene	ND		mg/kg dry	0.0485	50	06/13/07 08:23	SW846 8021B	7061412
Toluene	ND		mg/kg dry	0.0485	50	06/13/07 08:23	SW846 8021B	7061412
Xylenes, total	ND		mg/kg dry	0.146	50	06/13/07 08:23	SW846 8021B	7061412

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF0927-19 (SP19-5 - Soil) - cont. Sampled: 06/06/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Surr: a,a,a-Trifluorotoluene (59-159%)	*100 %*					*06/13/07 08:23*	*SW846 8021B*	*7061412*
Extractable Petroleum Hydrocarbons								
Diesel	**6.69**	QSG	mg/kg dry	4.62	1	06/15/07 11:16	NWTPH-Dx	7062517
Motor Oil	**54.2**	A-01b, QSG	mg/kg dry	4.62	1	06/15/07 11:16	NWTPH-Dx	7062517
Surr: o-Terphenyl (50-150%)	*99 %*					*06/15/07 11:16*	*NWTPH-Dx*	*7062517*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**12.3**		mg/kg dry	4.85	50	06/13/07 08:23	NWTPH-Gx	7061412
Surr: a,a,a-Trifluorotoluene (66-146%)	*100 %*					*06/13/07 08:23*	*NWTPH-Gx*	*7061412*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
NWTPH-Dx	7061527	NQF0927-01	25.26	1.00	06/11/07 17:10	DCW	EPA 3550B
NWTPH-Dx	7061527	NQF0927-01RE1	25.26	1.00	06/11/07 17:10	DCW	EPA 3550B
NWTPH-Dx	7061527	NQF0927-02	25.08	1.00	06/11/07 17:10	DCW	EPA 3550B
NWTPH-Dx	7061527	NQF0927-03	25.41	1.00	06/11/07 17:10	DCW	EPA 3550B
NWTPH-Dx	7061527	NQF0927-04	25.83	1.00	06/11/07 17:10	DCW	EPA 3550B
NWTPH-Dx	7061527	NQF0927-05	25.82	1.00	06/11/07 17:10	DCW	EPA 3550B
NWTPH-Dx	7061527	NQF0927-06	25.30	1.00	06/11/07 17:10	DCW	EPA 3550B
NWTPH-Dx	7061527	NQF0927-07	25.11	1.00	06/11/07 17:10	DCW	EPA 3550B
NWTPH-Dx	7061527	NQF0927-08	25.20	1.00	06/11/07 17:10	DCW	EPA 3550B
NWTPH-Dx	7061527	NQF0927-09	25.78	1.00	06/11/07 17:10	DCW	EPA 3550B
NWTPH-Dx	7061527	NQF0927-10	25.80	1.00	06/11/07 17:10	DCW	EPA 3550B
NWTPH-Dx	7061526	NQF0927-11	25.89	1.00	06/11/07 16:45	DXG	EPA 3550B
NWTPH-Dx	7062517	NQF0927-11RE1	25.37	1.00	06/14/07 15:00	CDJ	EPA 3550B
NWTPH-Dx	7061526	NQF0927-12	25.92	1.00	06/11/07 16:45	DXG	EPA 3550B
NWTPH-Dx	7061526	NQF0927-13	25.70	1.00	06/11/07 16:45	DXG	EPA 3550B
NWTPH-Dx	7062517	NQF0927-13RE1	25.58	1.00	06/14/07 15:00	CDJ	EPA 3550B
NWTPH-Dx	7061526	NQF0927-14	25.32	1.00	06/11/07 16:45	DXG	EPA 3550B
NWTPH-Dx	7061526	NQF0927-15	25.61	1.00	06/11/07 16:45	DXG	EPA 3550B
NWTPH-Dx	7061526	NQF0927-16	25.14	1.00	06/11/07 16:45	DXG	EPA 3550B
NWTPH-Dx	7061526	NQF0927-17	25.20	1.00	06/11/07 16:45	DXG	EPA 3550B
NWTPH-Dx	7061526	NQF0927-17RE1	25.20	1.00	06/11/07 16:45	DXG	EPA 3550B
NWTPH-Dx	7062517	NQF0927-17RE2	25.04	1.00	06/14/07 15:00	CDJ	EPA 3550B
NWTPH-Dx	7061526	NQF0927-18	25.54	1.00	06/11/07 16:45	DXG	EPA 3550B
NWTPH-Dx	7062517	NQF0927-18RE1	25.54	1.00	06/14/07 15:00	CDJ	EPA 3550B
NWTPH-Dx	7061526	NQF0927-19	25.38	1.00	06/11/07 16:45	DXG	EPA 3550B
NWTPH-Dx	7061526	NQF0927-19RE1	25.38	1.00	06/11/07 16:45	DXG	EPA 3550B
NWTPH-Dx	7062517	NQF0927-19RE2	25.64	1.00	06/14/07 15:00	CDJ	EPA 3550B
Purgeable Petroleum Hydrocarbons							
NWTPH-Gx	7061412	NQF0927-01	12.73	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7062449	NQF0927-01RE1	12.73	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-02	13.54	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7062449	NQF0927-02RE1	13.54	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-03	10.47	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-04	9.72	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-05	13.55	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-06	13.34	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-07	12.72	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-08	11.25	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-09	12.75	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-10	10.78	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-11	13.00	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7062449	NQF0927-11RE1	13.00	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-12	10.98	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-13	10.60	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn John K. Meyer

Work Order: NQF0927
Project Name: Exxon 99-MPB
Project Number: 31163
Received: 06/08/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
NWTPH-Gx	7061412	NQF0927-14	12.25	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-15	11.60	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7062449	NQF0927-15RE1	11.60	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-16	14.76	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7062449	NQF0927-16RE1	14.76	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-17	11.95	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7062449	NQF0927-17RE1	11.95	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-18	12.06	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
NWTPH-Gx	7061412	NQF0927-19	12.21	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
Total Metals by EPA Method 6010B							
SW846 6010B	7061451	NQF0927-02	0.52	100.00	06/12/07 10:15	AMB	EPA 3051
SW846 6010B	7061451	NQF0927-06	0.51	100.00	06/12/07 10:15	AMB	EPA 3051
SW846 6010B	7061787	NQF0927-09	0.51	100.00	06/12/07 13:00	AMB	EPA 3051
SW846 6010B	7061451	NQF0927-12	0.52	100.00	06/12/07 10:15	AMB	EPA 3051
SW846 6010B	7061451	NQF0927-16	0.51	100.00	06/12/07 10:15	AMB	EPA 3051
SW846 6010B	7061451	NQF0927-18	0.50	100.00	06/12/07 10:15	AMB	EPA 3051
SW846 6010B	7061451	NQF0927-19	0.52	100.00	06/12/07 10:15	AMB	EPA 3051
Volatile Organic Compounds by EPA Method 8021B							
SW846 8021B	7061412	NQF0927-01	12.73	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7062449	NQF0927-01RE1	12.73	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-02	13.54	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7062449	NQF0927-02RE1	13.54	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-03	10.47	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-04	9.72	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-05	13.55	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-06	13.34	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-07	12.72	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-08	11.25	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-09	12.75	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-10	10.78	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-11	13.00	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7062449	NQF0927-11RE1	13.00	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-12	10.98	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-13	10.60	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-14	12.25	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-15	11.60	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7062449	NQF0927-15RE1	11.60	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-16	14.76	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7062449	NQF0927-16RE1	14.76	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-17	11.95	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7062449	NQF0927-17RE1	11.95	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-18	12.06	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)
SW846 8021B	7061412	NQF0927-19	12.21	10.00	06/08/07 13:22	NKN	EPA 5035A (GC)

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Total Metals by EPA Method 6010B						
7061451-BLK1						
Lead	<0.895		mg/kg wet	7061451	7061451-BLK1	06/12/07 13:20
7061787-BLK1						
Lead	<0.900		mg/kg wet	7061787	7061787-BLK1	06/12/07 20:53
Volatile Organic Compounds by EPA Method 8021B						
7061412-BLK1						
Benzene	<0.000400		mg/kg wet	7061412	7061412-BLK1	06/12/07 22:52
Ethylbenzene	<0.000400		mg/kg wet	7061412	7061412-BLK1	06/12/07 22:52
Toluene	<0.000300		mg/kg wet	7061412	7061412-BLK1	06/12/07 22:52
Xylenes, total	<0.000400		mg/kg wet	7061412	7061412-BLK1	06/12/07 22:52
Surrogate: a,a,a-Trifluorotoluene	107%			7061412	7061412-BLK1	06/12/07 22:52
7061412-BLK2						
Benzene	<0.000400		mg/kg wet	7061412	7061412-BLK2	06/13/07 04:19
Ethylbenzene	<0.000400		mg/kg wet	7061412	7061412-BLK2	06/13/07 04:19
Toluene	<0.000300		mg/kg wet	7061412	7061412-BLK2	06/13/07 04:19
Xylenes, total	<0.000400		mg/kg wet	7061412	7061412-BLK2	06/13/07 04:19
Surrogate: a,a,a-Trifluorotoluene	108%			7061412	7061412-BLK2	06/13/07 04:19
7062449-BLK1						
Benzene	<0.000400		mg/kg wet	7062449	7062449-BLK1	06/14/07 01:00
Ethylbenzene	<0.000400		mg/kg wet	7062449	7062449-BLK1	06/14/07 01:00
Toluene	<0.000300		mg/kg wet	7062449	7062449-BLK1	06/14/07 01:00
Xylenes, total	<0.000400		mg/kg wet	7062449	7062449-BLK1	06/14/07 01:00
Surrogate: a,a,a-Trifluorotoluene	90%			7062449	7062449-BLK1	06/14/07 01:00
Extractable Petroleum Hydrocarbons						
7061526-BLK1						
Diesel	<2.00		mg/kg wet	7061526	7061526-BLK1	06/14/07 09:01
Motor Oil	4.35	B	mg/kg wet	7061526	7061526-BLK1	06/14/07 09:01
Surrogate: o-Terphenyl	98%			7061526	7061526-BLK1	06/14/07 09:01
7061527-BLK1						
Diesel	<2.00		mg/kg wet	7061527	7061527-BLK1	06/13/07 09:30
Motor Oil	<2.00		mg/kg wet	7061527	7061527-BLK1	06/13/07 09:30
Surrogate: o-Terphenyl	100%			7061527	7061527-BLK1	06/13/07 09:30
7062517-BLK1						
Diesel	<2.00		mg/kg wet	7062517	7062517-BLK1	06/15/07 09:06
Motor Oil	<2.00		mg/kg wet	7062517	7062517-BLK1	06/15/07 09:06
Surrogate: o-Terphenyl	109%			7062517	7062517-BLK1	06/15/07 09:06

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Extractable Petroleum Hydrocarbons						
Purgeable Petroleum Hydrocarbons						
7061412-BLK1						
GRO (C4-C12) NW	<0.0180		mg/kg wet	7061412	7061412-BLK1	06/12/07 22:52
Surrogate: a,a,a-Trifluorotoluene	107%			7061412	7061412-BLK1	06/12/07 22:52
7061412-BLK2						
GRO (C4-C12) NW	0.0192		mg/kg wet	7061412	7061412-BLK2	06/13/07 04:19
Surrogate: a,a,a-Trifluorotoluene	108%			7061412	7061412-BLK2	06/13/07 04:19
7062449-BLK1						
GRO (C4-C12) NW	<0.0180		mg/kg wet	7062449	7062449-BLK1	06/14/07 01:00
Surrogate: a,a,a-Trifluorotoluene	90%			7062449	7062449-BLK1	06/14/07 01:00

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B									
7061412-DUP1									
Benzene	ND	ND		mg/kg dry		48	7061412	NQF0927-04	06/14/07 04:10
Ethylbenzene	ND	ND		mg/kg dry		46	7061412	NQF0927-04	06/14/07 04:10
Toluene	ND	ND		mg/kg dry		50	7061412	NQF0927-04	06/14/07 04:10
Xylenes, total	ND	ND		mg/kg dry		50	7061412	NQF0927-04	06/14/07 04:10
Surrogate: a,a,a-Trifluorotoluene		27.4		ug/L			7061412	NQF0927-04	06/14/07 04:10
7061412-DUP2									
Benzene	ND	ND		mg/kg dry		48	7061412	NQF0927-12	06/14/07 04:38
Ethylbenzene	0.0598	ND		mg/kg dry		46	7061412	NQF0927-12	06/14/07 04:38
Toluene	0.0258	ND		mg/kg dry		50	7061412	NQF0927-12	06/14/07 04:38
Xylenes, total	0.154	ND		mg/kg dry		50	7061412	NQF0927-12	06/14/07 04:38
Surrogate: a,a,a-Trifluorotoluene		27.7		ug/L			7061412	NQF0927-12	06/14/07 04:38
Purgeable Petroleum Hydrocarbons									
7061412-DUP1									
GRO (C4-C12) NW	6.63	2.20	R2	mg/kg dry	100	37	7061412	NQF0927-04	06/14/07 04:10
Surrogate: a,a,a-Trifluorotoluene		27.4		ug/L			7061412	NQF0927-04	06/14/07 04:10
7061412-DUP2									
GRO (C4-C12) NW	24.3	2.93	R2	mg/kg dry	157	37	7061412	NQF0927-12	06/14/07 04:38
Surrogate: a,a,a-Trifluorotoluene		27.7		ug/L			7061412	NQF0927-12	06/14/07 04:38

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Total Metals by EPA Method 6010B								
7061451-BS1								
Lead	100	97.0		mg/kg wet	97%	80 - 120	7061451	06/12/07 13:24
7061787-BS1								
Lead	100	98.0		mg/kg wet	98%	80 - 120	7061787	06/12/07 20:57
Volatile Organic Compounds by EPA Method 8021B								
7061412-BS1								
Benzene	0.100	0.102		mg/kg wet	102%	69 - 131	7061412	06/13/07 08:51
Ethylbenzene	0.100	0.104		mg/kg wet	104%	79 - 123	7061412	06/13/07 08:51
Toluene	0.100	0.105		mg/kg wet	105%	74 - 122	7061412	06/13/07 08:51
Xylenes, total	0.200	0.200		mg/kg wet	100%	75 - 125	7061412	06/13/07 08:51
Surrogate: a,a,a-Trifluorotoluene	30.0	31.2			104%	59 - 159	7061412	06/13/07 08:51
7062449-BS1								
Benzene	0.100	0.108		mg/kg wet	108%	69 - 131	7062449	06/14/07 05:05
Ethylbenzene	0.100	0.110		mg/kg wet	110%	79 - 123	7062449	06/14/07 05:05
Toluene	0.100	0.110		mg/kg wet	110%	74 - 122	7062449	06/14/07 05:05
Xylenes, total	0.200	0.212		mg/kg wet	106%	75 - 125	7062449	06/14/07 05:05
Surrogate: a,a,a-Trifluorotoluene	30.0	30.9			103%	59 - 159	7062449	06/14/07 05:05
Extractable Petroleum Hydrocarbons								
7061526-BS1								
Diesel	40.0	39.6		mg/kg wet	99%	59 - 135	7061526	06/14/07 09:17
Surrogate: o-Terphenyl	0.800	0.723			90%	50 - 150	7061526	06/14/07 09:17
7061527-BS1								
Diesel	40.0	36.8		mg/kg wet	92%	59 - 135	7061527	06/13/07 09:46
Surrogate: o-Terphenyl	0.800	0.823			103%	50 - 150	7061527	06/13/07 09:46
7062517-BS1								
Diesel	40.0	35.6		mg/kg wet	89%	59 - 135	7062517	06/15/07 09:22
Surrogate: o-Terphenyl	0.800	0.830			104%	50 - 150	7062517	06/15/07 09:22
Purgeable Petroleum Hydrocarbons								
7061412-BS2								
GRO (C4-C12) NW	1.00	1.07		mg/kg wet	107%	72 - 126	7061412	06/13/07 19:06
Surrogate: a,a,a-Trifluorotoluene	30.0	32.1			107%	66 - 146	7061412	06/13/07 19:06
7062449-BS2								
GRO (C4-C12) NW	1.00	1.04		mg/kg wet	104%	72 - 126	7062449	06/14/07 05:32
Surrogate: a,a,a-Trifluorotoluene	30.0	31.7			106%	66 - 146	7062449	06/14/07 05:32

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
7061451-BSD1												
Lead		96.2		mg/kg wet	100	96%	80 - 120	0.8	20	7061451		06/12/07 13:29
7061787-BSD1												
Lead		96.8		mg/kg wet	100	97%	80 - 120	1	20	7061787		06/12/07 21:02

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Total Metals by EPA Method 6010B										
7061451-MS1										
Lead	15.9	116		mg/kg dry	115	87%	75 - 125	7061451	NQF0922-01	06/12/07 13:38
7061787-MS1										
Lead	2.33	112		mg/kg dry	115	95%	75 - 125	7061787	NQF0927-09	06/12/07 21:11
Extractable Petroleum Hydrocarbons										
7061526-MS1										
Diesel	ND	37.9		mg/kg dry	44.4	85%	35 - 145	7061526	NQF0927-12	06/14/07 09:33
Surrogate: o-Terphenyl		0.804		mg/kg dry	0.887	91%	50 - 150	7061526	NQF0927-12	06/14/07 09:33
7061527-MS1										
Diesel	2.36	32.5		mg/kg dry	45.4	66%	35 - 145	7061527	NQF0927-02	06/13/07 10:02
Surrogate: o-Terphenyl		0.753		mg/kg dry	0.909	83%	50 - 150	7061527	NQF0927-02	06/13/07 10:02
7062517-MS1										
Diesel	10.3	59.1		mg/kg dry	55.5	88%	35 - 145	7062517	NQF0927-17RE2	06/15/07 09:38
Surrogate: o-Terphenyl		1.22		mg/kg dry	1.11	110%	50 - 150	7062517	NQF0927-17RE2	06/15/07 09:38

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
7061451-MSD1												
Lead	15.9	116		mg/kg dry	111	90%	75 - 125	0	20	7061451	NQF0922-01	06/12/07 14:02
7061787-MSD1												
Lead	2.33	110		mg/kg dry	115	94%	75 - 125	2	20	7061787	NQF0927-09	06/12/07 21:16
Extractable Petroleum Hydrocarbons												
7061526-MSD1												
Diesel	ND	40.4		mg/kg dry	44.6	91%	35 - 145	6	43	7061526	NQF0927-12	06/14/07 09:49
Surrogate: o-Terphenyl		0.861		mg/kg dry	0.891	97%	50 - 150			7061526	NQF0927-12	06/14/07 09:49
7061527-MSD1												
Diesel	2.36	39.9		mg/kg dry	45.7	82%	35 - 145	20	43	7061527	NQF0927-02	06/13/07 10:18
Surrogate: o-Terphenyl		0.930		mg/kg dry	0.914	102%	50 - 150			7061527	NQF0927-02	06/13/07 10:18
7062517-MSD1												
Diesel	10.3	51.4		mg/kg dry	54.8	75%	35 - 145	14	43	7062517	NQF0927-17RE2	06/15/07 09:57
Surrogate: o-Terphenyl		1.29		mg/kg dry	1.10	117%	50 - 150			7062517	NQF0927-17RE2	06/15/07 09:57

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	Washington
NWTPH-Dx	Soil	N/A	X	X
NWTPH-Gx	Soil	N/A	X	X
SW846 6010B	Soil	N/A	X	X
SW846 8021B	Soil	N/A	X	X
SW-846	Soil			

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF0927
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/08/07 08:00

DATA QUALIFIERS AND DEFINITIONS

A-01	Contamination elutes between C20 and C40. There is insufficient contamination present to allow for pattern matching.
A-01a	Contamination elutes between C8 and C16 and does not match any standards in our library.
A-01b	Primary contamination elutes between C18 and C40 which is in the motor oil range, however, the contamination does not match any standard in our library.
A-01c	Primary contamination elutes between C24 and beyond C40 which is in the motor oil range, however the contamination does not match any standard in our library.
A-01d	Primary contamination elutes between C8 and C18 which is in the kerosene range, however, the contamination does not match any standard in our library.
B	Analyte was detected in the associated Method Blank.
CF7	Result may be elevated due to carry over from previously analyzed sample.
QSG	Silica Gel clean-up performed on extracts.
R2	The RPD exceeded the acceptance limit.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION
Nashville, TN

COOLER RECEIPT FORM

NQF0927

Cooler Received/Opened On: 6/8/07 @ 8:00

Tracking # 4138 (last 4 digits, FedE

Courier: Fed-Ex IR Gun ID: 92171982

1. Temperature of rep. sample or temp blank when opened: 0.8 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) VJ

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (intial) VJ

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) JR

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) JR

I certify that I attached a label with the unique LIMS number to each container (intial) JR

21. Were there Non-Conformance issues at login? YES..NO Was a PIPE generated? YES..NO...#

BIS = Broken in shipment

ANALYTICAL TESTING CORPORATION
Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On: 6/08/07 @ 0800

1. Tracking # 4127 (last 4 digits, FedEx)

Courier: FED EX IR Gun ID: 90942856

2. Temperature of rep. sample or temp blank when opened: 0.4 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) JR

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (intial) JR

15a. on pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

16. Is residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial). JR

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial). JR

I certify that I attached a label with the unique LIMS number to each container (initial). JR

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 815 Industry Drive
City/State/Zip: Tukwila, WA 98188
ExxonMobil Territory Mgr: Tim Strawn
Consultant Project Mgr: John Meyer
Consultant Telephone Number: 206-575-6220 Fax No.: 206-575-6423
Sampler Name: (Print) John K. Meyer
Sampler Signature: Matthew K Saupe for JKM

TA Account #: 10313
Invoice To: Tim Strawn
Report To: John Meyer
PO #: 4508139499
Facility ID # 99-MPB
Site Address 2200 24th Ave East
City, State, Zip Seattle, WA 98112
Regulatory District (CA) N/A

NQF0927
06/15/07 23:59

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: BTEX by 8021B	TPH-G by NWTPH-Gx	TPH-D by NWTPH-Dx	TPH-O by NWTPH-Dx	Total Pb by 6010B							RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
SP13-11	6/6/2007		3	X			2							1					X		X	X	X	X		NQF 0927-1								5		
SP13-18	6/6/2007		3	X			2							1					X		X	X	X	X	X						2			5		
SP14-5	6/6/2007		3	X			2							1					X		X	X	X	X							3			5		
SP14-11	6/6/2007		3	X			2							1					X		X	X	X	X							4			5		
SP14-16	6/6/2007		3	X			2							1					X		X	X	X	X							5			5		
SP14-20	6/6/2007		3	X			2							1					X		X	X	X	X	X						6			5		
SP15-5	6/6/2007		3	X			2							1					X		X	X	X	X							7			5		
SP15-11	6/6/2007		3	X			2							1					X		X	X	X	X							8			5		
SP15-20	6/6/2007		3	X			2							1					X		X	X	X	X	X						9			5		
SP16-5	6/6/2007		3	X			2							1					X		X	X	X	X							10			5		
SP16-11	6/6/2007		3	X			2							1					X		X	X	X	X							11			5		
SP16-16	6/6/2007		3	X			2							1					X		X	X	X	X	X						12			5		
SP17-5	6/6/2007		3	X			2							1					X		X	X	X	X							13			5		
SP17-12	6/6/2007		3	X			2							1					X		X	X	X	X							14			5		
SP17-14	6/6/2007		3	X			2							1					X		X	X	X	X							15			5		
SP17-20	6/6/2007		3	X			2							1					X		X	X	X	X	X						16			5		
SP18-6	6/6/2007		3	X			2							1					X		X	X	X	X							17			5		
SP18-11	6/6/2007		3	X			2							1					X		X	X	X	X	X						18			5		
SP19-5	6/6/2007		3	X			2							1					X		X	X	X	X	X						19			5		

Comments/Special Instructions: **ERI Project Number 31163**

* 5 day TAT

Relinquished by:	Date	Time	Received by:	Date	Time
Matthew K. Saupe	6/7/2007	1200			
Relinquished by:	Date	Time	Received by: (Lab personel)	Date	Time
			6/8/07 0800	0.8°C	

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please e pre-schedule w/ TestAmerica Project Manager or attach specifc instructions

Leah Klingensmith

From: John K. Meyer [jmeyer@ERI-US com]
Sent: Monday, June 11, 2007 10:16 AM
To: Leah Klingensmith
Subject: RE: 99-MPB NQF0765

Leah,

Please go ahead with the analysis and make whatever notation you need on the lab report.

Thanks,

John

John K. Meyer, R.G., L.HG.
Branch Manager
Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188
jmeyer@eri-us.com
www.eri-us.com
206-575-6422-Office
206-510-3347-Cell
206-575-6423-Fax

From: Leah Klingensmith [mailto:lklingensmith@testamericainc.com]
Sent: Friday, June 08, 2007 1:16 PM
To: John K. Meyer
Subject: 99-MPB NQF0765

Hi John,
I have just been told by the UST department that both vials preserved with methanol for sample SP8-18 were dry. The lab can use the jar and prep in house, however, it is greater than 48 hours after collection. Please, let me know if you have any questions and how you would like to proceed.

TestAmerica Analytical Testing Corporation
Leah R. Klingensmith
Project Management
Email: lklingensmith@testamericainc.com
Phone: 615-301-5038

Confidentiality Notice: The information contained in this message is intended only for the use of the addressee, and may be confidential and/or privileged. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If

Cecile de Guia

From: Stephen Dailey [sdailey@ERI-US.com]
Sent: Tuesday, May 29, 2007 9:46 AM
To: Cecile de Guia
Subject: RE: soil & water samples

Cecile:

Attached please find a copy of the chain-of-custody record for the UST samples collected at former Mobil station 99-MPB on 5/25/07.

Stephen M. Dailey, P.E.
Sr. Project Manager
Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188
sdailey@eri-us.com
www.eri-us.com
206-575-6284-Office
206-510-5972-Cell
206-575-6423-Fax

29 May 2007, 0946 PDT

From: Cecile de Guia [mailto:CdeGuia@calscience.com]
Sent: Tuesday, May 29, 2007 8:54 AM
To: Stephen Dailey
Subject: soil & water samples

Hi Stephen,

We have received 4 of 8 oz jars, 2 of 1L Amber with HCL and 4 of 40mL vials but with out chain of custody.

Attached is our COC and please complete the form and email back to me ASAP so we can start the analyses right away.

I forgot the name of the person who called me last Friday.

If I remember it right, he asked for 8260B VOCs full scan and 8270C Semi-VOCs for both water and soil.

Please note on the COC that it is a direct bill for ERI.

Thnak you very much,
Cecile

Cecile Rose L. de Guia
Project Manager
Calscience Environmental

Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841-1427
Tel.: 714-895-5494 Ext. 141
Fax : 714-894-7501
cdeguia@calscience.com

PRIVACY NOTICE:
This email (and/or the documents attached to it) is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable Federal or State law. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone or else to arrange for the return of the documents

REPORT SECURITY NOTICE:
The client or recipient of any attached analytical report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience Environmental Laboratories, Inc. is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience Environmental Laboratories, Inc. for any defense to any litigation which arises.

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

June 19, 2007 2:06:59PM

Client: ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn: John K. Meyer

Work Order: NQF1183
Project Name: Exxon 99-MPB
Project Nbr: 31163
P/O Nbr: 4508139499
Date Received: 06/09/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
SP13-20.5	NQF1183-01	06/08/07 00:01
SP14-22	NQF1183-02	06/08/07 00:01
SP15-22	NQF1183-03	06/08/07 00:01
SP17-21	NQF1183-04	06/08/07 00:01
SP19-10	NQF1183-05	06/08/07 00:01
SP19-20	NQF1183-06	06/08/07 00:01
SP20-5	NQF1183-07	06/08/07 00:01
SP20-8	NQF1183-08	06/08/07 00:01
SP21-5	NQF1183-09	06/08/07 00:01
SP21-12	NQF1183-10	06/08/07 00:01
SP22-5	NQF1183-11	06/08/07 00:01
SP22-10	NQF1183-12	06/08/07 00:01
SP22-12	NQF1183-13	06/08/07 00:01
SP23-5	NQF1183-14	06/08/07 00:01
SP23-10	NQF1183-15	06/08/07 00:01
SP23-12	NQF1183-16	06/08/07 00:01
SP24-12	NQF1183-17	06/08/07 00:01
SP25-5	NQF1183-18	06/08/07 00:01
SP25-9	NQF1183-19	06/08/07 00:01
SP26-5	NQF1183-20	06/08/07 00:01
SP26-8	NQF1183-21	06/08/07 00:01
SP26-12	NQF1183-22	06/08/07 00:01
SP27-5	NQF1183-23	06/08/07 00:01
SP7-22.5	NQF1183-24	06/08/07 00:01
SP24-5	NQF1183-25	06/08/07 00:01
SP9-21.5	NQF1183-26	06/08/07 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.
.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Washington Certification Number: C1712
The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

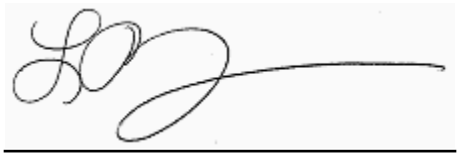
All solids results are reported in wet weight unless specifically stated.

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

Estimated uncertainity is available upon request.
This report has been electronically signed.

Report Approved By:



Leah R. Klingensmith

Senior Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1183-01 (SP13-20.5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.2**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Total Metals by EPA Method 6010B								
Lead	**3.95**		mg/kg dry	1.10	1	06/14/07 08:14	SW846 6010B	7061788
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.254**		mg/kg dry	0.0266	50	06/14/07 14:09	SW846 8021B	7063080
Ethylbenzene	**0.239**		mg/kg dry	0.0533	50	06/14/07 14:09	SW846 8021B	7063080
Toluene	**0.0670**		mg/kg dry	0.0533	50	06/14/07 14:09	SW846 8021B	7063080
Xylenes, total	ND		mg/kg dry	0.160	50	06/14/07 14:09	SW846 8021B	7063080
Surr: a,a,a-Trifluorotoluene (59-159%)	*96 %*					*06/14/07 14:09*	*SW846 8021B*	*7063080*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.42	1	06/14/07 18:44	NWTPH-Dx	7061719
Motor Oil	ND	QSG	mg/kg dry	4.42	1	06/14/07 18:44	NWTPH-Dx	7061719
Surr: o-Terphenyl (50-150%)	*76 %*					*06/14/07 18:44*	*NWTPH-Dx*	*7061719*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**7.50**		mg/kg dry	5.33	50	06/14/07 14:09	NWTPH-Gx	7063080
Surr: a,a,a-Trifluorotoluene (66-146%)	*96 %*					*06/14/07 14:09*	*NWTPH-Gx*	*7063080*
Sample ID: NQF1183-02 (SP14-22 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**84.5**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Total Metals by EPA Method 6010B								
Lead	**2.87**		mg/kg dry	1.17	1	06/14/07 08:18	SW846 6010B	7061788
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0269	50	06/14/07 14:37	SW846 8021B	7063080
Ethylbenzene	ND		mg/kg dry	0.0538	50	06/14/07 14:37	SW846 8021B	7063080
Toluene	ND		mg/kg dry	0.0538	50	06/14/07 14:37	SW846 8021B	7063080
Xylenes, total	ND		mg/kg dry	0.161	50	06/14/07 14:37	SW846 8021B	7063080
Surr: a,a,a-Trifluorotoluene (59-159%)	*87 %*					*06/14/07 14:37*	*SW846 8021B*	*7063080*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.63	1	06/14/07 19:01	NWTPH-Dx	7061719
Motor Oil	ND	QSG	mg/kg dry	4.63	1	06/14/07 19:01	NWTPH-Dx	7061719
Surr: o-Terphenyl (50-150%)	*79 %*					*06/14/07 19:01*	*NWTPH-Dx*	*7061719*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	5.38	50	06/14/07 14:37	NWTPH-Gx	7063080
Surr: a,a,a-Trifluorotoluene (66-146%)	*87 %*					*06/14/07 14:37*	*NWTPH-Gx*	*7063080*
Sample ID: NQF1183-03 (SP15-22 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**86.7**		%	0.500	1	06/12/07 09:23	SW-846	7061746

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1183-03 (SP15-22 - Soil) - cont. Sampled: 06/08/07 00:01								
Total Metals by EPA Method 6010B								
Lead	**3.12**		mg/kg dry	1.14	1	06/14/07 08:23	SW846 6010B	7061788
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0280	50	06/14/07 15:04	SW846 8021B	7063080
Ethylbenzene	ND		mg/kg dry	0.0561	50	06/14/07 15:04	SW846 8021B	7063080
Toluene	ND		mg/kg dry	0.0561	50	06/14/07 15:04	SW846 8021B	7063080
Xylenes, total	ND		mg/kg dry	0.168	50	06/14/07 15:04	SW846 8021B	7063080
Surr: a,a,a-Trifluorotoluene (59-159%)	*90 %*					*06/14/07 15:04*	*SW846 8021B*	*7063080*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.45	1	06/14/07 19:17	NWTPH-Dx	7061719
Motor Oil	ND	QSG	mg/kg dry	4.45	1	06/14/07 19:17	NWTPH-Dx	7061719
Surr: o-Terphenyl (50-150%)	*71 %*					*06/14/07 19:17*	*NWTPH-Dx*	*7061719*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	5.61	50	06/14/07 15:04	NWTPH-Gx	7063080
Surr: a,a,a-Trifluorotoluene (66-146%)	*90 %*					*06/14/07 15:04*	*NWTPH-Gx*	*7063080*
Sample ID: NQF1183-04 (SP17-21 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**88.2**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Total Metals by EPA Method 6010B								
Lead	**3.22**		mg/kg dry	1.12	1	06/14/07 08:27	SW846 6010B	7061788
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**1.72**		mg/kg dry	0.0362	50	06/14/07 15:31	SW846 8021B	7063080
Ethylbenzene	ND		mg/kg dry	0.0723	50	06/14/07 15:31	SW846 8021B	7063080
Toluene	ND		mg/kg dry	0.0723	50	06/14/07 15:31	SW846 8021B	7063080
Xylenes, total	ND		mg/kg dry	0.217	50	06/14/07 15:31	SW846 8021B	7063080
Surr: a,a,a-Trifluorotoluene (59-159%)	*92 %*					*06/14/07 15:31*	*SW846 8021B*	*7063080*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.37	1	06/14/07 19:33	NWTPH-Dx	7061719
Motor Oil	ND	QSG	mg/kg dry	4.37	1	06/14/07 19:33	NWTPH-Dx	7061719
Surr: o-Terphenyl (50-150%)	*77 %*					*06/14/07 19:33*	*NWTPH-Dx*	*7061719*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**10.3**		mg/kg dry	7.23	50	06/14/07 15:31	NWTPH-Gx	7063080
Surr: a,a,a-Trifluorotoluene (66-146%)	*92 %*					*06/14/07 15:31*	*NWTPH-Gx*	*7063080*
Sample ID: NQF1183-05 (SP19-10 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.0**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**35.8**		mg/kg dry	0.486	1000	06/14/07 16:26	SW846 8021B	7063080
Ethylbenzene	**62.9**		mg/kg dry	0.973	1000	06/14/07 16:26	SW846 8021B	7063080

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1183-05 (SP19-10 - Soil) - cont. Sampled: 06/08/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Toluene	**23.3**		mg/kg dry	0.973	1000	06/14/07 16:26	SW846 8021B	7063080
Xylenes, total	**194**		mg/kg dry	2.92	1000	06/14/07 16:26	SW846 8021B	7063080
Surr: a,a,a-Trifluorotoluene (59-159%)	*420 %*	*ZX*				*06/14/07 16:26*	*SW846 8021B*	*7063080*
Extractable Petroleum Hydrocarbons								
Diesel	**615**	A-01b, QSG	mg/kg dry	44.4	10	06/15/07 08:01	NWTPH-Dx	7061719
Motor Oil	ND	QSG, RL1	mg/kg dry	44.4	10	06/15/07 08:01	NWTPH-Dx	7061719
Surr: o-Terphenyl (50-150%)	*	*Z3*				*06/15/07 08:01*	*NWTPH-Dx*	*7061719*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**4560**		mg/kg dry	486	5000	06/15/07 12:36	NWTPH-Gx	7063099
Surr: a,a,a-Trifluorotoluene (66-146%)	*138 %*					*06/15/07 12:36*	*NWTPH-Gx*	*7063099*
Sample ID: NQF1183-06 (SP19-20 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.1**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Total Metals by EPA Method 6010B								
Lead	**2.74**		mg/kg dry	1.11	1	06/14/07 08:32	SW846 6010B	7061788
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.0876**		mg/kg dry	0.0222	50	06/14/07 16:53	SW846 8021B	7063080
Ethylbenzene	**0.0912**		mg/kg dry	0.0444	50	06/14/07 16:53	SW846 8021B	7063080
Toluene	ND		mg/kg dry	0.0444	50	06/14/07 16:53	SW846 8021B	7063080
Xylenes, total	**0.166**		mg/kg dry	0.133	50	06/14/07 16:53	SW846 8021B	7063080
Surr: a,a,a-Trifluorotoluene (59-159%)	*100 %*					*06/14/07 16:53*	*SW846 8021B*	*7063080*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.39	1	06/14/07 20:37	NWTPH-Dx	7061719
Motor Oil	ND	QSG	mg/kg dry	4.39	1	06/14/07 20:37	NWTPH-Dx	7061719
Surr: o-Terphenyl (50-150%)	*91 %*					*06/14/07 20:37*	*NWTPH-Dx*	*7061719*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**20.2**		mg/kg dry	4.44	50	06/14/07 16:53	NWTPH-Gx	7063080
Surr: a,a,a-Trifluorotoluene (66-146%)	*100 %*					*06/14/07 16:53*	*NWTPH-Gx*	*7063080*
Sample ID: NQF1183-07 (SP20-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.0**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0204	50	06/14/07 17:21	SW846 8021B	7063080
Ethylbenzene	ND		mg/kg dry	0.0408	50	06/14/07 17:21	SW846 8021B	7063080
Toluene	ND		mg/kg dry	0.0408	50	06/14/07 17:21	SW846 8021B	7063080
Xylenes, total	ND		mg/kg dry	0.122	50	06/14/07 17:21	SW846 8021B	7063080
Surr: a,a,a-Trifluorotoluene (59-159%)	*95 %*					*06/14/07 17:21*	*SW846 8021B*	*7063080*
Extractable Petroleum Hydrocarbons								

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1183-07 (SP20-5 - Soil) - cont. Sampled: 06/08/07 00:01								
Extractable Petroleum Hydrocarbons - cont.								
Diesel	**10.1**	A-01a, QSG	mg/kg dry	4.46	1	06/14/07 20:54	NWTPH-Dx	7061719
Motor Oil	**16.7**	A-01a, QSG	mg/kg dry	4.46	1	06/14/07 20:54	NWTPH-Dx	7061719
Surr: o-Terphenyl (50-150%)	*88 %*					*06/14/07 20:54*	*NWTPH-Dx*	*7061719*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**6.44**		mg/kg dry	4.08	50	06/14/07 17:21	NWTPH-Gx	7063080
Surr: a,a,a-Trifluorotoluene (66-146%)	*95 %*					*06/14/07 17:21*	*NWTPH-Gx*	*7063080*
Sample ID: NQF1183-08 (SP20-8 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**88.3**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Total Metals by EPA Method 6010B								
Lead	**2.27**		mg/kg dry	1.11	1	06/14/07 08:36	SW846 6010B	7061788
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0250	50	06/14/07 17:48	SW846 8021B	7063080
Ethylbenzene	ND		mg/kg dry	0.0501	50	06/14/07 17:48	SW846 8021B	7063080
Toluene	ND		mg/kg dry	0.0501	50	06/14/07 17:48	SW846 8021B	7063080
Xylenes, total	ND		mg/kg dry	0.150	50	06/14/07 17:48	SW846 8021B	7063080
Surr: a,a,a-Trifluorotoluene (59-159%)	*93 %*					*06/14/07 17:48*	*SW846 8021B*	*7063080*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.50	1	06/14/07 21:10	NWTPH-Dx	7061719
Motor Oil	ND	QSG	mg/kg dry	4.50	1	06/14/07 21:10	NWTPH-Dx	7061719
Surr: o-Terphenyl (50-150%)	*75 %*					*06/14/07 21:10*	*NWTPH-Dx*	*7061719*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**5.36**		mg/kg dry	5.01	50	06/14/07 17:48	NWTPH-Gx	7063080
Surr: a,a,a-Trifluorotoluene (66-146%)	*93 %*					*06/14/07 17:48*	*NWTPH-Gx*	*7063080*
Sample ID: NQF1183-09 (SP21-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**69.2**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0362	50	06/14/07 18:15	SW846 8021B	7063080
Ethylbenzene	ND		mg/kg dry	0.0723	50	06/14/07 18:15	SW846 8021B	7063080
Toluene	ND		mg/kg dry	0.0723	50	06/14/07 18:15	SW846 8021B	7063080
Xylenes, total	ND		mg/kg dry	0.217	50	06/14/07 18:15	SW846 8021B	7063080
Surr: a,a,a-Trifluorotoluene (59-159%)	*90 %*					*06/14/07 18:15*	*SW846 8021B*	*7063080*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.73	1	06/14/07 21:26	NWTPH-Dx	7061719
Motor Oil	ND	QSG	mg/kg dry	5.73	1	06/14/07 21:26	NWTPH-Dx	7061719
Surr: o-Terphenyl (50-150%)	*78 %*					*06/14/07 21:26*	*NWTPH-Dx*	*7061719*
Purgeable Petroleum Hydrocarbons								

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1183-09 (SP21-5 - Soil) - cont. Sampled: 06/08/07 00:01								
Purgeable Petroleum Hydrocarbons - cont.								
GRO (C4-C12) NW	ND		mg/kg dry	7.23	50	06/14/07 18:15	NWTPH-Gx	7063080
Surr: a,a,a-Trifluorotoluene (66-146%)	*90 %*					*06/14/07 18:15*	*NWTPH-Gx*	*7063080*
Sample ID: NQF1183-10 (SP21-12 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**88.9**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Total Metals by EPA Method 6010B								
Lead	**2.34**		mg/kg dry	1.12	1	06/14/07 09:01	SW846 6010B	7061788
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0272	50	06/14/07 11:53	SW846 8021B	7061651
Ethylbenzene	ND		mg/kg dry	0.0544	50	06/14/07 11:53	SW846 8021B	7061651
Toluene	ND		mg/kg dry	0.0544	50	06/14/07 11:53	SW846 8021B	7061651
Xylenes, total	ND		mg/kg dry	0.163	50	06/14/07 11:53	SW846 8021B	7061651
Surr: a,a,a-Trifluorotoluene (59-159%)	*89 %*					*06/14/07 11:53*	*SW846 8021B*	*7061651*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.47	1	06/14/07 21:42	NWTPH-Dx	7061719
Motor Oil	ND	QSG	mg/kg dry	4.47	1	06/14/07 21:42	NWTPH-Dx	7061719
Surr: o-Terphenyl (50-150%)	*174 %*	*Z2*				*06/14/07 21:42*	*NWTPH-Dx*	*7061719*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	5.44	50	06/14/07 11:53	NWTPH-Gx	7061651
Surr: a,a,a-Trifluorotoluene (66-146%)	*89 %*					*06/14/07 11:53*	*NWTPH-Gx*	*7061651*
Sample ID: NQF1183-11 (SP22-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**68.4**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0363	50	06/14/07 12:21	SW846 8021B	7061651
Ethylbenzene	ND		mg/kg dry	0.0726	50	06/14/07 12:21	SW846 8021B	7061651
Toluene	ND		mg/kg dry	0.0726	50	06/14/07 12:21	SW846 8021B	7061651
Xylenes, total	ND		mg/kg dry	0.218	50	06/14/07 12:21	SW846 8021B	7061651
Surr: a,a,a-Trifluorotoluene (59-159%)	*87 %*					*06/14/07 12:21*	*SW846 8021B*	*7061651*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.63	1	06/13/07 17:41	NWTPH-Dx	7061720
Motor Oil	ND	QSG	mg/kg dry	5.63	1	06/13/07 17:41	NWTPH-Dx	7061720
Surr: o-Terphenyl (50-150%)	*77 %*					*06/13/07 17:41*	*NWTPH-Dx*	*7061720*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	7.26	50	06/14/07 12:21	NWTPH-Gx	7061651
Surr: a,a,a-Trifluorotoluene (66-146%)	*87 %*					*06/14/07 12:21*	*NWTPH-Gx*	*7061651*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1183-12 (SP22-10 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.2**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**3.73**		mg/kg dry	0.451	1000	06/15/07 14:27	SW846 8021B	7063099
Ethylbenzene	ND	RL1	mg/kg dry	0.903	1000	06/15/07 14:27	SW846 8021B	7063099
Toluene	**2.38**		mg/kg dry	0.903	1000	06/15/07 14:27	SW846 8021B	7063099
Xylenes, total	ND	RL1	mg/kg dry	2.71	1000	06/15/07 14:27	SW846 8021B	7063099
Surr: a,a,a-Trifluorotoluene (59-159%)	*132 %*					*06/15/07 14:27*	*SW846 8021B*	*7063099*
Extractable Petroleum Hydrocarbons								
Diesel	**5.64**	A-01b, QSG	mg/kg dry	4.34	1	06/14/07 17:17	NWTPH-Dx	7061720
Motor Oil	**5.05**	A-01c, QSG	mg/kg dry	4.34	1	06/14/07 17:17	NWTPH-Dx	7061720
Surr: o-Terphenyl (50-150%)	*76 %*					*06/14/07 17:17*	*NWTPH-Dx*	*7061720*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**293**		mg/kg dry	90.3	1000	06/15/07 14:27	NWTPH-Gx	7063099
Surr: a,a,a-Trifluorotoluene (66-146%)	*132 %*					*06/15/07 14:27*	*NWTPH-Gx*	*7063099*
Sample ID: NQF1183-13 (SP22-12 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.1**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Total Metals by EPA Method 6010B								
Lead	**1.72**		mg/kg dry	1.11	1	06/14/07 09:05	SW846 6010B	7061788
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0228	50	06/15/07 14:54	SW846 8021B	7063099
Ethylbenzene	ND		mg/kg dry	0.0456	50	06/15/07 14:54	SW846 8021B	7063099
Toluene	ND		mg/kg dry	0.0456	50	06/15/07 14:54	SW846 8021B	7063099
Xylenes, total	ND		mg/kg dry	0.137	50	06/15/07 14:54	SW846 8021B	7063099
Surr: a,a,a-Trifluorotoluene (59-159%)	*92 %*					*06/15/07 14:54*	*SW846 8021B*	*7063099*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.33	1	06/13/07 18:16	NWTPH-Dx	7061720
Motor Oil	ND	QSG	mg/kg dry	4.33	1	06/13/07 18:16	NWTPH-Dx	7061720
Surr: o-Terphenyl (50-150%)	*73 %*					*06/13/07 18:16*	*NWTPH-Dx*	*7061720*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**4.74**		mg/kg dry	4.56	50	06/15/07 14:54	NWTPH-Gx	7063099
Surr: a,a,a-Trifluorotoluene (66-146%)	*92 %*					*06/15/07 14:54*	*NWTPH-Gx*	*7063099*
Sample ID: NQF1183-14 (SP23-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**71.8**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0373	50	06/14/07 13:45	SW846 8021B	7061651
Ethylbenzene	ND		mg/kg dry	0.0746	50	06/14/07 13:45	SW846 8021B	7061651

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1183-14 (SP23-5 - Soil) - cont. Sampled: 06/08/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Toluene	ND		mg/kg dry	0.0746	50	06/14/07 13:45	SW846 8021B	7061651
Xylenes, total	ND		mg/kg dry	0.224	50	06/14/07 13:45	SW846 8021B	7061651
Surr: a,a,a-Trifluorotoluene (59-159%)	*80 %*					*06/14/07 13:45*	*SW846 8021B*	*7061651*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.51	1	06/13/07 18:33	NWTPH-Dx	7061720
Motor Oil	ND	QSG	mg/kg dry	5.51	1	06/13/07 18:33	NWTPH-Dx	7061720
Surr: o-Terphenyl (50-150%)	*91 %*					*06/13/07 18:33*	*NWTPH-Dx*	*7061720*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	7.46	50	06/14/07 13:45	NWTPH-Gx	7061651
Surr: a,a,a-Trifluorotoluene (66-146%)	*80 %*					*06/14/07 13:45*	*NWTPH-Gx*	*7061651*
Sample ID: NQF1183-15 (SP23-10 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**90.0**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0245	50	06/14/07 14:13	SW846 8021B	7061651
Ethylbenzene	ND		mg/kg dry	0.0491	50	06/14/07 14:13	SW846 8021B	7061651
Toluene	ND		mg/kg dry	0.0491	50	06/14/07 14:13	SW846 8021B	7061651
Xylenes, total	ND		mg/kg dry	0.147	50	06/14/07 14:13	SW846 8021B	7061651
Surr: a,a,a-Trifluorotoluene (59-159%)	*85 %*					*06/14/07 14:13*	*SW846 8021B*	*7061651*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.43	1	06/13/07 18:50	NWTPH-Dx	7061720
Motor Oil	ND	QSG	mg/kg dry	4.43	1	06/13/07 18:50	NWTPH-Dx	7061720
Surr: o-Terphenyl (50-150%)	*72 %*					*06/13/07 18:50*	*NWTPH-Dx*	*7061720*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	4.91	50	06/14/07 14:13	NWTPH-Gx	7061651
Surr: a,a,a-Trifluorotoluene (66-146%)	*85 %*					*06/14/07 14:13*	*NWTPH-Gx*	*7061651*
Sample ID: NQF1183-16 (SP23-12 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**88.6**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Total Metals by EPA Method 6010B								
Lead	**2.55**		mg/kg dry	1.10	1	06/14/07 09:10	SW846 6010B	7061788
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0229	50	06/14/07 14:41	SW846 8021B	7061651
Ethylbenzene	ND		mg/kg dry	0.0458	50	06/14/07 14:41	SW846 8021B	7061651
Toluene	ND		mg/kg dry	0.0458	50	06/14/07 14:41	SW846 8021B	7061651
Xylenes, total	ND		mg/kg dry	0.137	50	06/14/07 14:41	SW846 8021B	7061651
Surr: a,a,a-Trifluorotoluene (59-159%)	*82 %*					*06/14/07 14:41*	*SW846 8021B*	*7061651*
Extractable Petroleum Hydrocarbons								

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1183-16 (SP23-12 - Soil) - cont. Sampled: 06/08/07 00:01								
Extractable Petroleum Hydrocarbons - cont.								
Diesel	ND	QSG	mg/kg dry	4.37	1	06/13/07 19:07	NWTPH-Dx	7061720
Motor Oil	ND	QSG	mg/kg dry	4.37	1	06/13/07 19:07	NWTPH-Dx	7061720
Surr: o-Terphenyl (50-150%)	*69 %*					*06/13/07 19:07*	*NWTPH-Dx*	*7061720*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	4.58	50	06/14/07 14:41	NWTPH-Gx	7061651
Surr: a,a,a-Trifluorotoluene (66-146%)	*82 %*					*06/14/07 14:41*	*NWTPH-Gx*	*7061651*
Sample ID: NQF1183-17 (SP24-12 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.2**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Total Metals by EPA Method 6010B								
Lead	**2.48**		mg/kg dry	1.10	1	06/14/07 09:14	SW846 6010B	7061788
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0238	50	06/14/07 15:09	SW846 8021B	7061651
Ethylbenzene	ND		mg/kg dry	0.0475	50	06/14/07 15:09	SW846 8021B	7061651
Toluene	ND		mg/kg dry	0.0475	50	06/14/07 15:09	SW846 8021B	7061651
Xylenes, total	ND		mg/kg dry	0.143	50	06/14/07 15:09	SW846 8021B	7061651
Surr: a,a,a-Trifluorotoluene (59-159%)	*82 %*					*06/14/07 15:09*	*SW846 8021B*	*7061651*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.30	1	06/13/07 19:24	NWTPH-Dx	7061720
Motor Oil	ND	QSG	mg/kg dry	4.30	1	06/13/07 19:24	NWTPH-Dx	7061720
Surr: o-Terphenyl (50-150%)	*73 %*					*06/13/07 19:24*	*NWTPH-Dx*	*7061720*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	4.75	50	06/14/07 15:09	NWTPH-Gx	7061651
Surr: a,a,a-Trifluorotoluene (66-146%)	*82 %*					*06/14/07 15:09*	*NWTPH-Gx*	*7061651*
Sample ID: NQF1183-18 (SP25-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**88.4**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0356	50	06/14/07 15:37	SW846 8021B	7061651
Ethylbenzene	ND		mg/kg dry	0.0711	50	06/14/07 15:37	SW846 8021B	7061651
Toluene	ND		mg/kg dry	0.0711	50	06/14/07 15:37	SW846 8021B	7061651
Xylenes, total	ND		mg/kg dry	0.213	50	06/14/07 15:37	SW846 8021B	7061651
Surr: a,a,a-Trifluorotoluene (59-159%)	*82 %*					*06/14/07 15:37*	*SW846 8021B*	*7061651*
Extractable Petroleum Hydrocarbons								
Diesel	**7.89**	A-01a, QSG	mg/kg dry	4.42	1	06/14/07 17:34	NWTPH-Dx	7061720
Motor Oil	**15.8**	A-01a, QSG	mg/kg dry	4.42	1	06/14/07 17:34	NWTPH-Dx	7061720
Surr: o-Terphenyl (50-150%)	*79 %*					*06/14/07 17:34*	*NWTPH-Dx*	*7061720*
Purgeable Petroleum Hydrocarbons								

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1183-18 (SP25-5 - Soil) - cont. Sampled: 06/08/07 00:01								
Purgeable Petroleum Hydrocarbons - cont.								
GRO (C4-C12) NW	ND		mg/kg dry	7.11	50	06/14/07 15:37	NWTPH-Gx	7061651
Surr: a,a,a-Trifluorotoluene (66-146%)	*82 %*					*06/14/07 15:37*	*NWTPH-Gx*	*7061651*
Sample ID: NQF1183-19 (SP25-9 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**86.1**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Total Metals by EPA Method 6010B								
Lead	**5.09**		mg/kg dry	1.11	1	06/14/07 09:19	SW846 6010B	7061788
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0270	50	06/14/07 16:06	SW846 8021B	7061651
Ethylbenzene	ND		mg/kg dry	0.0539	50	06/14/07 16:06	SW846 8021B	7061651
Toluene	ND		mg/kg dry	0.0539	50	06/14/07 16:06	SW846 8021B	7061651
Xylenes, total	ND		mg/kg dry	0.162	50	06/14/07 16:06	SW846 8021B	7061651
Surr: a,a,a-Trifluorotoluene (59-159%)	*83 %*					*06/14/07 16:06*	*SW846 8021B*	*7061651*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.48	1	06/13/07 19:59	NWTPH-Dx	7061720
Motor Oil	ND	QSG	mg/kg dry	4.48	1	06/13/07 19:59	NWTPH-Dx	7061720
Surr: o-Terphenyl (50-150%)	*70 %*					*06/13/07 19:59*	*NWTPH-Dx*	*7061720*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	5.39	50	06/14/07 16:06	NWTPH-Gx	7061651
Surr: a,a,a-Trifluorotoluene (66-146%)	*83 %*					*06/14/07 16:06*	*NWTPH-Gx*	*7061651*
Sample ID: NQF1183-20 (SP26-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**70.9**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0463	50	06/14/07 17:30	SW846 8021B	7061651
Ethylbenzene	ND		mg/kg dry	0.0925	50	06/14/07 17:30	SW846 8021B	7061651
Toluene	ND		mg/kg dry	0.0925	50	06/14/07 17:30	SW846 8021B	7061651
Xylenes, total	ND		mg/kg dry	0.278	50	06/14/07 17:30	SW846 8021B	7061651
Surr: a,a,a-Trifluorotoluene (59-159%)	*85 %*					*06/14/07 17:30*	*SW846 8021B*	*7061651*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.53	1	06/13/07 20:16	NWTPH-Dx	7061720
Motor Oil	ND	QSG	mg/kg dry	5.53	1	06/13/07 20:16	NWTPH-Dx	7061720
Surr: o-Terphenyl (50-150%)	*78 %*					*06/13/07 20:16*	*NWTPH-Dx*	*7061720*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	9.25	50	06/14/07 17:30	NWTPH-Gx	7061651
Surr: a,a,a-Trifluorotoluene (66-146%)	*85 %*					*06/14/07 17:30*	*NWTPH-Gx*	*7061651*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1183-21 (SP26-8 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**88.1**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0281	50	06/14/07 17:57	SW846 8021B	7061651
Ethylbenzene	ND		mg/kg dry	0.0562	50	06/14/07 17:57	SW846 8021B	7061651
Toluene	ND		mg/kg dry	0.0562	50	06/14/07 17:57	SW846 8021B	7061651
Xylenes, total	ND		mg/kg dry	0.169	50	06/14/07 17:57	SW846 8021B	7061651
Surr: a,a,a-Trifluorotoluene (59-159%)	*84 %*					*06/14/07 17:57*	*SW846 8021B*	*7061651*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.40	1	06/13/07 14:15	NWTPH-Dx	7061721
Motor Oil	ND	QSG	mg/kg dry	4.40	1	06/13/07 14:15	NWTPH-Dx	7061721
Surr: o-Terphenyl (50-150%)	*70 %*					*06/13/07 14:15*	*NWTPH-Dx*	*7061721*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	5.62	50	06/14/07 17:57	NWTPH-Gx	7061651
Surr: a,a,a-Trifluorotoluene (66-146%)	*84 %*					*06/14/07 17:57*	*NWTPH-Gx*	*7061651*
Sample ID: NQF1183-22 (SP26-12 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**90.2**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Total Metals by EPA Method 6010B								
Lead	**2.15**		mg/kg dry	1.10	1	06/14/07 09:23	SW846 6010B	7061788
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0252	50	06/14/07 18:26	SW846 8021B	7061651
Ethylbenzene	ND		mg/kg dry	0.0504	50	06/14/07 18:26	SW846 8021B	7061651
Toluene	ND		mg/kg dry	0.0504	50	06/14/07 18:26	SW846 8021B	7061651
Xylenes, total	ND		mg/kg dry	0.151	50	06/14/07 18:26	SW846 8021B	7061651
Surr: a,a,a-Trifluorotoluene (59-159%)	*84 %*					*06/14/07 18:26*	*SW846 8021B*	*7061651*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.30	1	06/13/07 14:32	NWTPH-Dx	7061721
Motor Oil	ND	QSG	mg/kg dry	4.30	1	06/13/07 14:32	NWTPH-Dx	7061721
Surr: o-Terphenyl (50-150%)	*76 %*					*06/13/07 14:32*	*NWTPH-Dx*	*7061721*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	5.04	50	06/14/07 18:26	NWTPH-Gx	7061651
Surr: a,a,a-Trifluorotoluene (66-146%)	*84 %*					*06/14/07 18:26*	*NWTPH-Gx*	*7061651*
Sample ID: NQF1183-23 (SP27-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.0**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Total Metals by EPA Method 6010B								
Lead	**12.7**		mg/kg dry	1.11	1	06/14/07 09:28	SW846 6010B	7061788

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1183-23 (SP27-5 - Soil) - cont. Sampled: 06/08/07 00:01								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0249	50	06/14/07 18:54	SW846 8021B	7061651
Ethylbenzene	ND		mg/kg dry	0.0498	50	06/14/07 18:54	SW846 8021B	7061651
Toluene	ND		mg/kg dry	0.0498	50	06/14/07 18:54	SW846 8021B	7061651
Xylenes, total	ND		mg/kg dry	0.150	50	06/14/07 18:54	SW846 8021B	7061651
Surr: a,a,a-Trifluorotoluene (59-159%)	*84 %*					*06/14/07 18:54*	*SW846 8021B*	*7061651*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.44	1	06/14/07 16:59	NWTPH-Dx	7061721
Motor Oil	**35.3**	A-01, QSG	mg/kg dry	4.44	1	06/14/07 16:59	NWTPH-Dx	7061721
Surr: o-Terphenyl (50-150%)	*68 %*					*06/14/07 16:59*	*NWTPH-Dx*	*7061721*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	4.98	50	06/14/07 18:54	NWTPH-Gx	7061651
Surr: a,a,a-Trifluorotoluene (66-146%)	*84 %*					*06/14/07 18:54*	*NWTPH-Gx*	*7061651*
Sample ID: NQF1183-24 (SP7-22.5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.3**		%	0.500	1	06/12/07 09:23	SW-846	7061746
Total Metals by EPA Method 6010B								
Lead	**5.14**		mg/kg dry	1.13	1	06/14/07 09:32	SW846 6010B	7061788
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0313	50	06/14/07 19:23	SW846 8021B	7061651
Ethylbenzene	ND		mg/kg dry	0.0625	50	06/14/07 19:23	SW846 8021B	7061651
Toluene	ND		mg/kg dry	0.0625	50	06/14/07 19:23	SW846 8021B	7061651
Xylenes, total	ND		mg/kg dry	0.188	50	06/14/07 19:23	SW846 8021B	7061651
Surr: a,a,a-Trifluorotoluene (59-159%)	*87 %*					*06/14/07 19:23*	*SW846 8021B*	*7061651*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.46	1	06/13/07 15:06	NWTPH-Dx	7061721
Motor Oil	ND	QSG	mg/kg dry	4.46	1	06/13/07 15:06	NWTPH-Dx	7061721
Surr: o-Terphenyl (50-150%)	*73 %*					*06/13/07 15:06*	*NWTPH-Dx*	*7061721*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	6.25	50	06/14/07 19:23	NWTPH-Gx	7061651
Surr: a,a,a-Trifluorotoluene (66-146%)	*87 %*					*06/14/07 19:23*	*NWTPH-Gx*	*7061651*
Sample ID: NQF1183-25 (SP24-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**86.4**		%	0.500	1	06/13/07 08:39	SW-846	7061911
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0257	50	06/14/07 19:50	SW846 8021B	7061651
Ethylbenzene	ND		mg/kg dry	0.0514	50	06/14/07 19:50	SW846 8021B	7061651
Toluene	ND		mg/kg dry	0.0514	50	06/14/07 19:50	SW846 8021B	7061651
Xylenes, total	ND		mg/kg dry	0.154	50	06/14/07 19:50	SW846 8021B	7061651

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1183-25 (SP24-5 - Soil) - cont. Sampled: 06/08/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Surr: a,a,a-Trifluorotoluene (59-159%)	*84 %*					*06/14/07 19:50*	*SW846 8021B*	*7061651*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.53	1	06/13/07 15:24	NWTPH-Dx	7061721
Motor Oil	ND	QSG	mg/kg dry	4.53	1	06/13/07 15:24	NWTPH-Dx	7061721
Surr: o-Terphenyl (50-150%)	*70 %*					*06/13/07 15:24*	*NWTPH-Dx*	*7061721*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	5.14	50	06/14/07 19:50	NWTPH-Gx	7061651
Surr: a,a,a-Trifluorotoluene (66-146%)	*84 %*					*06/14/07 19:50*	*NWTPH-Gx*	*7061651*
Sample ID: NQF1183-26 (SP9-21.5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**86.3**		%	0.500	1	06/13/07 08:39	SW-846	7061911
Total Metals by EPA Method 6010B								
Lead	**3.44**		mg/kg dry	1.10	1	06/14/07 09:36	SW846 6010B	7061788
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**1.19**		mg/kg dry	0.0352	50	06/14/07 20:19	SW846 8021B	7061651
Ethylbenzene	ND		mg/kg dry	0.0705	50	06/14/07 20:19	SW846 8021B	7061651
Toluene	**0.0911**		mg/kg dry	0.0705	50	06/14/07 20:19	SW846 8021B	7061651
Xylenes, total	ND		mg/kg dry	0.211	50	06/14/07 20:19	SW846 8021B	7061651
Surr: a,a,a-Trifluorotoluene (59-159%)	*92 %*					*06/14/07 20:19*	*SW846 8021B*	*7061651*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.55	1	06/13/07 15:41	NWTPH-Dx	7061721
Motor Oil	ND	QSG	mg/kg dry	4.55	1	06/13/07 15:41	NWTPH-Dx	7061721
Surr: o-Terphenyl (50-150%)	*73 %*					*06/13/07 15:41*	*NWTPH-Dx*	*7061721*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**8.95**		mg/kg dry	7.05	50	06/14/07 20:19	NWTPH-Gx	7061651
Surr: a,a,a-Trifluorotoluene (66-146%)	*92 %*					*06/14/07 20:19*	*NWTPH-Gx*	*7061651*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn John K. Meyer

Work Order: NQF1183
Project Name: Exxon 99-MPB
Project Number: 31163
Received: 06/09/07 07:50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
NWTPH-Dx	7061719	NQF1183-01	25.37	1.00	06/12/07 13:30	DCW	EPA 3550B
NWTPH-Dx	7061719	NQF1183-02	25.56	1.00	06/12/07 13:30	DCW	EPA 3550B
NWTPH-Dx	7061719	NQF1183-03	25.91	1.00	06/12/07 13:30	DCW	EPA 3550B
NWTPH-Dx	7061719	NQF1183-04	25.93	1.00	06/12/07 13:30	DCW	EPA 3550B
NWTPH-Dx	7061719	NQF1183-05	25.32	1.00	06/12/07 13:30	DCW	EPA 3550B
NWTPH-Dx	7061719	NQF1183-05RE1	25.32	1.00	06/12/07 13:30	DCW	EPA 3550B
NWTPH-Dx	7061719	NQF1183-06	25.54	1.00	06/12/07 13:30	DCW	EPA 3550B
NWTPH-Dx	7061719	NQF1183-07	25.76	1.00	06/12/07 13:30	DCW	EPA 3550B
NWTPH-Dx	7061719	NQF1183-08	25.19	1.00	06/12/07 13:30	DCW	EPA 3550B
NWTPH-Dx	7061719	NQF1183-09	25.23	1.00	06/12/07 13:30	DCW	EPA 3550B
NWTPH-Dx	7061719	NQF1183-10	25.18	1.00	06/12/07 13:30	DCW	EPA 3550B
NWTPH-Dx	7061720	NQF1183-11	25.96	1.00	06/12/07 14:00	BAD	EPA 3550B
NWTPH-Dx	7061720	NQF1183-12	25.82	1.00	06/12/07 14:00	BAD	EPA 3550B
NWTPH-Dx	7061720	NQF1183-13	25.92	1.00	06/12/07 14:00	BAD	EPA 3550B
NWTPH-Dx	7061720	NQF1183-14	25.26	1.00	06/12/07 14:00	BAD	EPA 3550B
NWTPH-Dx	7061720	NQF1183-15	25.10	1.00	06/12/07 14:00	BAD	EPA 3550B
NWTPH-Dx	7061720	NQF1183-16	25.80	1.00	06/12/07 14:00	BAD	EPA 3550B
NWTPH-Dx	7061720	NQF1183-17	26.05	1.00	06/12/07 14:00	BAD	EPA 3550B
NWTPH-Dx	7061720	NQF1183-18	25.58	1.00	06/12/07 14:00	BAD	EPA 3550B
NWTPH-Dx	7061720	NQF1183-19	25.91	1.00	06/12/07 14:00	BAD	EPA 3550B
NWTPH-Dx	7061720	NQF1183-20	25.52	1.00	06/12/07 14:00	BAD	EPA 3550B
NWTPH-Dx	7061721	NQF1183-21	25.78	1.00	06/12/07 14:45	BAD	EPA 3550B
NWTPH-Dx	7061721	NQF1183-22	25.76	1.00	06/12/07 14:45	BAD	EPA 3550B
NWTPH-Dx	7061721	NQF1183-23	25.89	1.00	06/12/07 14:45	BAD	EPA 3550B
NWTPH-Dx	7061721	NQF1183-23RE1	25.89	1.00	06/12/07 14:45	BAD	EPA 3550B
NWTPH-Dx	7061721	NQF1183-24	25.71	1.00	06/12/07 14:45	BAD	EPA 3550B
NWTPH-Dx	7061721	NQF1183-25	25.54	1.00	06/12/07 14:45	BAD	EPA 3550B
NWTPH-Dx	7061721	NQF1183-26	25.45	1.00	06/12/07 14:45	BAD	EPA 3550B
Purgeable Petroleum Hydrocarbons							
NWTPH-Gx	7063080	NQF1183-01	10.52	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
NWTPH-Gx	7063080	NQF1183-02	11.00	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
NWTPH-Gx	7063080	NQF1183-03	10.28	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
NWTPH-Gx	7063080	NQF1183-04	7.84	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
NWTPH-Gx	7063080	NQF1183-05	11.55	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
NWTPH-Gx	7063099	NQF1183-05RE1	11.55	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
NWTPH-Gx	7063080	NQF1183-06	12.65	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
NWTPH-Gx	7063080	NQF1183-07	14.09	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
NWTPH-Gx	7063080	NQF1183-08	11.31	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
NWTPH-Gx	7063080	NQF1183-09	9.99	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-10	10.33	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-11	10.07	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-12	12.42	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
NWTPH-Gx	7063099	NQF1183-12RE1	12.42	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-13	12.30	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
NWTPH-Gx	7063099	NQF1183-13RE1	12.30	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-14	9.34	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-15	11.32	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-16	12.33	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-17	11.80	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-18	7.95	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-19	10.77	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-20	7.62	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-21	10.10	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-22	10.99	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-23	11.53	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-24	9.16	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-25	11.25	10.00	06/09/07 16:19	NKN	EPA 5035A (GC)
NWTPH-Gx	7061651	NQF1183-26	8.22	10.00	06/09/07 16:19	NKN	EPA 5035A (GC)
Total Metals by EPA Method 6010B							
SW846 6010B	7061788	NQF1183-01	0.51	100.00	06/13/07 12:18	AMB	EPA 3051
SW846 6010B	7061788	NQF1183-02	0.51	100.00	06/13/07 12:18	AMB	EPA 3051
SW846 6010B	7061788	NQF1183-03	0.51	100.00	06/13/07 12:18	AMB	EPA 3051
SW846 6010B	7061788	NQF1183-04	0.50	100.00	06/13/07 12:18	AMB	EPA 3051
SW846 6010B	7061788	NQF1183-06	0.51	100.00	06/13/07 12:18	AMB	EPA 3051
SW846 6010B	7061788	NQF1183-08	0.51	100.00	06/13/07 12:18	AMB	EPA 3051
SW846 6010B	7061788	NQF1183-10	0.50	100.00	06/13/07 12:18	AMB	EPA 3051
SW846 6010B	7061788	NQF1183-13	0.51	100.00	06/13/07 12:18	AMB	EPA 3051
SW846 6010B	7061788	NQF1183-16	0.51	100.00	06/13/07 12:18	AMB	EPA 3051
SW846 6010B	7061788	NQF1183-17	0.51	100.00	06/13/07 12:18	AMB	EPA 3051
SW846 6010B	7061788	NQF1183-19	0.52	100.00	06/13/07 12:18	AMB	EPA 3051
SW846 6010B	7061788	NQF1183-22	0.50	100.00	06/13/07 12:18	AMB	EPA 3051
SW846 6010B	7061788	NQF1183-23	0.52	100.00	06/13/07 12:18	AMB	EPA 3051
SW846 6010B	7061788	NQF1183-24	0.51	100.00	06/13/07 12:18	AMB	EPA 3051
SW846 6010B	7061788	NQF1183-26	0.53	100.00	06/13/07 12:18	AMB	EPA 3051
Volatile Organic Compounds by EPA Method 8021B							
SW846 8021B	7063080	NQF1183-01	10.52	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
SW846 8021B	7063080	NQF1183-02	11.00	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
SW846 8021B	7063080	NQF1183-03	10.28	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
SW846 8021B	7063080	NQF1183-04	7.84	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
SW846 8021B	7063080	NQF1183-05	11.55	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
SW846 8021B	7063080	NQF1183-06	12.65	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
SW846 8021B	7063080	NQF1183-07	14.09	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
SW846 8021B	7063080	NQF1183-08	11.31	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
SW846 8021B	7063080	NQF1183-09	9.99	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-10	10.33	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-11	10.07	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-12	12.42	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
SW846 8021B	7063099	NQF1183-12RE1	12.42	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-13	12.30	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8021B	7063099	NQF1183-13RE1	12.30	10.00	06/09/07 16:18	SNN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-14	9.34	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-15	11.32	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-16	12.33	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-17	11.80	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-18	7.95	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-19	10.77	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-20	7.62	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-21	10.10	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-22	10.99	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-23	11.53	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-24	9.16	10.00	06/09/07 16:19	SNN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-25	11.25	10.00	06/09/07 16:19	NKN	EPA 5035A (GC)
SW846 8021B	7061651	NQF1183-26	8.22	10.00	06/09/07 16:19	NKN	EPA 5035A (GC)

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Total Metals by EPA Method 6010B						
7061788-BLK1						
Lead	<0.869		mg/kg wet	7061788	7061788-BLK1	06/14/07 07:22
Volatile Organic Compounds by EPA Method 8021B						
7061651-BLK1						
Benzene	<0.000400		mg/kg wet	7061651	7061651-BLK1	06/14/07 11:04
Ethylbenzene	<0.000400		mg/kg wet	7061651	7061651-BLK1	06/14/07 11:04
Toluene	<0.000300		mg/kg wet	7061651	7061651-BLK1	06/14/07 11:04
Xylenes, total	<0.000400		mg/kg wet	7061651	7061651-BLK1	06/14/07 11:04
Surrogate: a,a,a-Trifluorotoluene	86%			7061651	7061651-BLK1	06/14/07 11:04
7061651-BLK2						
Benzene	<0.000400		mg/kg wet	7061651	7061651-BLK2	06/14/07 17:02
Ethylbenzene	<0.000400		mg/kg wet	7061651	7061651-BLK2	06/14/07 17:02
Toluene	<0.000300		mg/kg wet	7061651	7061651-BLK2	06/14/07 17:02
Xylenes, total	<0.000400		mg/kg wet	7061651	7061651-BLK2	06/14/07 17:02
Surrogate: a,a,a-Trifluorotoluene	85%			7061651	7061651-BLK2	06/14/07 17:02
7063080-BLK1						
Benzene	<0.000400		mg/kg wet	7063080	7063080-BLK1	06/14/07 13:42
Ethylbenzene	<0.000400		mg/kg wet	7063080	7063080-BLK1	06/14/07 13:42
Toluene	<0.000300		mg/kg wet	7063080	7063080-BLK1	06/14/07 13:42
Xylenes, total	0.000565		mg/kg wet	7063080	7063080-BLK1	06/14/07 13:42
Surrogate: a,a,a-Trifluorotoluene	89%			7063080	7063080-BLK1	06/14/07 13:42
7063099-BLK1						
Benzene	<0.000400		mg/kg wet	7063099	7063099-BLK1	06/15/07 12:07
Ethylbenzene	<0.000400		mg/kg wet	7063099	7063099-BLK1	06/15/07 12:07
Toluene	<0.000300		mg/kg wet	7063099	7063099-BLK1	06/15/07 12:07
Xylenes, total	<0.000400		mg/kg wet	7063099	7063099-BLK1	06/15/07 12:07
Surrogate: a,a,a-Trifluorotoluene	84%			7063099	7063099-BLK1	06/15/07 12:07
Extractable Petroleum Hydrocarbons						
7061719-BLK1						
Diesel	<2.00		mg/kg wet	7061719	7061719-BLK1	06/14/07 17:39
Motor Oil	<2.00		mg/kg wet	7061719	7061719-BLK1	06/14/07 17:39
Surrogate: o-Terphenyl	78%			7061719	7061719-BLK1	06/14/07 17:39
7061720-BLK1						
Diesel	<2.00		mg/kg wet	7061720	7061720-BLK1	06/13/07 15:58
Motor Oil	<2.00		mg/kg wet	7061720	7061720-BLK1	06/13/07 15:58
Surrogate: o-Terphenyl	84%			7061720	7061720-BLK1	06/13/07 15:58

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Extractable Petroleum Hydrocarbons						
7061721-BLK1						
Diesel	<2.00		mg/kg wet	7061721	7061721-BLK1	06/13/07 13:07
Motor Oil	<2.00		mg/kg wet	7061721	7061721-BLK1	06/13/07 13:07
Surrogate: o-Terphenyl	71%			7061721	7061721-BLK1	06/13/07 13:07
Purgeable Petroleum Hydrocarbons						
7061651-BLK1						
GRO (C4-C12) NW	0.0204		mg/kg wet	7061651	7061651-BLK1	06/14/07 11:04
Surrogate: a,a,a-Trifluorotoluene	86%			7061651	7061651-BLK1	06/14/07 11:04
7061651-BLK2						
GRO (C4-C12) NW	0.0217		mg/kg wet	7061651	7061651-BLK2	06/14/07 17:02
Surrogate: a,a,a-Trifluorotoluene	85%			7061651	7061651-BLK2	06/14/07 17:02
7063080-BLK1						
GRO (C4-C12) NW	<0.0180		mg/kg wet	7063080	7063080-BLK1	06/14/07 13:42
Surrogate: a,a,a-Trifluorotoluene	89%			7063080	7063080-BLK1	06/14/07 13:42
7063099-BLK1						
GRO (C4-C12) NW	0.0204		mg/kg wet	7063099	7063099-BLK1	06/15/07 12:07
Surrogate: a,a,a-Trifluorotoluene	84%			7063099	7063099-BLK1	06/15/07 12:07

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B									
7061651-DUP1									
Benzene	ND	ND		mg/kg dry		48	7061651	NQF1183-11	06/15/07 13:31
Ethylbenzene	ND	ND		mg/kg dry		46	7061651	NQF1183-11	06/15/07 13:31
Toluene	ND	ND		mg/kg dry		50	7061651	NQF1183-11	06/15/07 13:31
Xylenes, total	ND	ND		mg/kg dry		50	7061651	NQF1183-11	06/15/07 13:31
Surrogate: a,a,a-Trifluorotoluene		25.7		ug/L			7061651	NQF1183-11	06/15/07 13:31
7061651-DUP2									
Benzene	ND	ND		mg/kg dry		48	7061651	NQF1183-19	06/15/07 13:59
Ethylbenzene	ND	ND		mg/kg dry		46	7061651	NQF1183-19	06/15/07 13:59
Toluene	ND	ND		mg/kg dry		50	7061651	NQF1183-19	06/15/07 13:59
Xylenes, total	ND	ND		mg/kg dry		50	7061651	NQF1183-19	06/15/07 13:59
Surrogate: a,a,a-Trifluorotoluene		25.4		ug/L			7061651	NQF1183-19	06/15/07 13:59
7063080-DUP1									
Benzene	ND	ND		mg/kg dry		48	7063080	NQF1183-09	06/15/07 13:03
Ethylbenzene	ND	ND		mg/kg dry		46	7063080	NQF1183-09	06/15/07 13:03
Toluene	ND	ND		mg/kg dry		50	7063080	NQF1183-09	06/15/07 13:03
Xylenes, total	0.0398	ND		mg/kg dry		50	7063080	NQF1183-09	06/15/07 13:03
Surrogate: a,a,a-Trifluorotoluene		26.5		ug/L			7063080	NQF1183-09	06/15/07 13:03
Purgeable Petroleum Hydrocarbons									
7061651-DUP1									
GRO (C4-C12) NW	6.16	0.157	R2	mg/kg dry	190	37	7061651	NQF1183-11	06/15/07 13:31
Surrogate: a,a,a-Trifluorotoluene		25.7		ug/L			7061651	NQF1183-11	06/15/07 13:31
7061651-DUP2									
GRO (C4-C12) NW	3.18	0.0613	R2	mg/kg dry	192	37	7061651	NQF1183-19	06/15/07 13:59
Surrogate: a,a,a-Trifluorotoluene		25.4		ug/L			7061651	NQF1183-19	06/15/07 13:59
7063080-DUP1									
GRO (C4-C12) NW	5.50	16.4	R2	mg/kg dry	100	37	7063080	NQF1183-09	06/15/07 13:03
Surrogate: a,a,a-Trifluorotoluene		26.5		ug/L			7063080	NQF1183-09	06/15/07 13:03

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Total Metals by EPA Method 6010B								
7061788-BS1								
Lead	100	97.3		mg/kg wet	97%	80 - 120	7061788	06/14/07 07:27
Volatile Organic Compounds by EPA Method 8021B								
7061651-BS1								
Benzene	0.100	0.0910		mg/kg wet	91%	69 - 131	7061651	06/14/07 20:47
Ethylbenzene	0.100	0.0902		mg/kg wet	90%	79 - 123	7061651	06/14/07 20:47
Toluene	0.100	0.0896		mg/kg wet	90%	74 - 122	7061651	06/14/07 20:47
Xylenes, total	0.300	0.259		mg/kg wet	86%	75 - 125	7061651	06/14/07 20:47
Surrogate: a,a,a-Trifluorotoluene	30.0	27.3			91%	59 - 159	7061651	06/14/07 20:47
7063080-BS1								
Benzene	0.100	0.108		mg/kg wet	108%	69 - 131	7063080	06/14/07 18:43
Ethylbenzene	0.100	0.109		mg/kg wet	109%	79 - 123	7063080	06/14/07 18:43
Toluene	0.100	0.110		mg/kg wet	110%	74 - 122	7063080	06/14/07 18:43
Xylenes, total	0.200	0.211		mg/kg wet	106%	75 - 125	7063080	06/14/07 18:43
Surrogate: a,a,a-Trifluorotoluene	30.0	28.8			96%	59 - 159	7063080	06/14/07 18:43
7063099-BS1								
Benzene	0.100	0.0903		mg/kg wet	90%	69 - 131	7063099	06/15/07 15:23
Ethylbenzene	0.100	0.0890		mg/kg wet	89%	79 - 123	7063099	06/15/07 15:23
Toluene	0.100	0.0867		mg/kg wet	87%	74 - 122	7063099	06/15/07 15:23
Xylenes, total	0.300	0.254		mg/kg wet	85%	75 - 125	7063099	06/15/07 15:23
Surrogate: a,a,a-Trifluorotoluene	30.0	28.0			93%	59 - 159	7063099	06/15/07 15:23
Extractable Petroleum Hydrocarbons								
7061719-BS1								
Diesel	40.0	36.7		mg/kg wet	92%	59 - 135	7061719	06/14/07 17:56
Surrogate: o-Terphenyl	0.800	0.731			91%	50 - 150	7061719	06/14/07 17:56
7061720-BS1								
Diesel	40.0	37.3		mg/kg wet	93%	59 - 135	7061720	06/13/07 16:15
Surrogate: o-Terphenyl	0.800	0.717			90%	50 - 150	7061720	06/13/07 16:15
7061721-BS1								
Diesel	40.0	34.6		mg/kg wet	86%	59 - 135	7061721	06/13/07 13:24
Surrogate: o-Terphenyl	0.800	0.683			85%	50 - 150	7061721	06/13/07 13:24
Purgeable Petroleum Hydrocarbons								
7061651-BS2								
GRO (C4-C12) NW	1.00	0.880		mg/kg wet	88%	72 - 126	7061651	06/14/07 21:14
Surrogate: a,a,a-Trifluorotoluene	30.0	31.1			104%	66 - 146	7061651	06/14/07 21:14

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons								
7063080-BS2								
GRO (C4-C12) NW	1.00	1.02		mg/kg wet	102%	72 - 126	7063080	06/14/07 19:10
Surrogate: a,a,a-Trifluorotoluene	30.0	31.5			105%	66 - 146	7063080	06/14/07 19:10
7063099-BS2								
GRO (C4-C12) NW	1.00	0.922		mg/kg wet	92%	72 - 126	7063099	06/15/07 15:51
Surrogate: a,a,a-Trifluorotoluene	30.0	41.5			138%	66 - 146	7063099	06/15/07 15:51

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
7061788-BSD1												
Lead		94.8		mg/kg wet	100	95%	80 - 120	3	20	7061788		06/14/07 07:31

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Total Metals by EPA Method 6010B										
7061788-MS1										
Lead	5.00	97.1		mg/kg wet	98.2	94%	75 - 125	7061788	NQF1132-01	06/14/07 08:00
Extractable Petroleum Hydrocarbons										
7061719-MS1										
Diesel	ND	29.9		mg/kg dry	44.4	67%	35 - 145	7061719	NQF1183-08	06/14/07 18:12
Surrogate: o-Terphenyl		0.739		mg/kg dry	0.887	83%	50 - 150	7061719	NQF1183-08	06/14/07 18:12
7061720-MS1										
Diesel	ND	31.3		mg/kg dry	45.0	70%	35 - 145	7061720	NQF1183-19	06/13/07 16:33
Surrogate: o-Terphenyl		0.637		mg/kg dry	0.899	71%	50 - 150	7061720	NQF1183-19	06/13/07 16:33
7061721-MS1										
Diesel	ND	36.7		mg/kg dry	45.2	81%	35 - 145	7061721	NQF1183-21	06/13/07 13:41
Surrogate: o-Terphenyl		0.695		mg/kg dry	0.903	77%	50 - 150	7061721	NQF1183-21	06/13/07 13:41

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
7061788-MSD1												
Lead	5.00	101		mg/kg wet	100	96%	75 - 125	4	20	7061788	NQF1132-01	06/14/07 08:05
Extractable Petroleum Hydrocarbons												
7061719-MSD1												
Diesel	ND	32.2		mg/kg dry	43.7	74%	35 - 145	7	43	7061719	NQF1183-08	06/14/07 18:28
Surrogate: o-Terphenyl		0.657		mg/kg dry	0.874	75%	50 - 150			7061719	NQF1183-08	06/14/07 18:28
7061720-MSD1												
Diesel	ND	35.8		mg/kg dry	44.8	80%	35 - 145	13	43	7061720	NQF1183-19	06/13/07 16:50
Surrogate: o-Terphenyl		0.712		mg/kg dry	0.897	79%	50 - 150			7061720	NQF1183-19	06/13/07 16:50
7061721-MSD1												
Diesel	ND	35.9		mg/kg dry	44.9	80%	35 - 145	2	43	7061721	NQF1183-21	06/13/07 13:58
Surrogate: o-Terphenyl		0.690		mg/kg dry	0.899	77%	50 - 150			7061721	NQF1183-21	06/13/07 13:58

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	Washington
NWTPH-Dx	Soil	N/A	X	X
NWTPH-Gx	Soil	N/A	X	X
SW846 6010B	Soil	N/A	X	X
SW846 8021B	Soil	N/A	X	X
SW-846	Soil			

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1183
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/09/07 07:50

DATA QUALIFIERS AND DEFINITIONS

A-01	Primary contamination elutes between C18 and beyond C40 which is the motor oil range, but does not match any standards in our library.
A-01a	Primary contamination elutes between C18 and C40 and has a pattern similar to the motor oil standard in our library.
A-01b	Primary contamination elutes between C8 and C16 which is the kerosene range, but does not match any standards in our library.
A-01c	Secondary contamination elutes between C24 and C40. There insufficient contamination present to perfom a pattern match.
QSG	Silica Gel clean-up performed on extracts.
R2	The RPD exceeded the acceptance limit.
RL1	Reporting limit raised due to sample matrix effects.
Z2	Surrogate recovery was above the acceptance limits. Data not impacted.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

Nashville, TN

COOLER RECEIPT FORM

NQF1183

Cooler Received/Opened On June 9, 2007@ 0750

1. Tracking # 3678 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID A00750

2. Temperature of rep. sample or temp blank when opened: 3.8 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

4. Were custody seals on outside of cooler? (YES) NO NA

If yes, how many and where: 2 (Front)

5. Were the seals intact, signed, and dated correctly? (YES) NO NA

6. Were custody papers inside cooler? (YES) NO NA

I certify that I opened the cooler and answered questions 1-6 (intial) JT

7. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

Were these signed and dated correctly? YES NO (NA)

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES) NO NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES) NO NA

12. Did all container labels and tags agree with custody papers? (YES) NO NA

13a. Were VOA vials received? (YES) NO NA Soil

b. Was there any observable headspace present in any VOA vial? YES NO (NA)

14. Was there a Trip Blank in this cooler? YES (NO) NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) PM

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO (NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES) NO NA

If preservation in-house was needed, record standard ID of preservative used here

16. Was residual chlorine present? YES NO (NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) WS

17. Were custody papers properly filled out (ink, signed, etc)? (YES) NO NA

18. Did you sign the custody papers in the appropriate place? (YES) NO NA

19. Were correct containers used for the analysis requested? (YES) NO NA

20. Was sufficient amount of sample sent in each container? (YES) NO NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) WS

I certify that I attached a label with the unique LIMS number to each container (intial) WS

21. Were there Non-Conformance issues at login? YES (NO) Was a PIPE generated? (YES) NO # 43749

WS 6/9/07

BIS = Broken in shipment

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 815 Industry Drive
City/State/Zip: Tukwila, WA 98188
ExxonMobil Territory Mgr: Tim Strawn
Consultant Project Mgr: John K. Meyer
Consultant Telephone Number: 206-575-6220 Fax No.: 206-575-6423
Sampler Name: (Print) John K. Meyer
Sampler Signature: MKS for JKM

TA Account #: 10313
Invoice To: Tim Strawn
Report To: John Meyer
PO #: 4508139499
Facility ID # 99-MPB
Site Address 2200 24th Ave East
City State, Zip Seattle, WA 98112
Regulatory District (CA) N/A

NQF1183
06/18/07 23:59

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-G by NWTPH-Gx	TPH-D by NWTPH-Dx	TPH-O by NWPTH-Dx	BTEX by 8021B	Total Pb by 6010B	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days	Fax Results (yes or no)	Due Date of Report
SP13-20.5	6/8/2007		3	3			2							1					X		X	X	X	X	X		5		-01
SP14-22	6/8/2007		3	3			2							1					X		X	X	X	X	X		5		-02
SP15-22	6/8/2007		3	3			2							1					X		X	X	X	X	X		5		-03
SP17-21	6/8/2007		3	3			2							1					X		X	X	X	X	X		5		-04
SP19-10	6/8/2007		3	3			2							1					X		X	X	X	X			5		-05
SP19-20	6/8/2007		3	3			2							1					X		X	X	X	X	X		5		-06
SP20-5	6/8/2007		3	3			2							1					X		X	X	X	X			5		-07
SP20-8	6/8/2007		3	3			2							1					X		X	X	X	X	X		5		-08
SP21-5	6/8/2007		3	3			2							1					X		X	X	X	X			5		-09
SP21-12	6/8/2007		3	3			2							1					X		X	X	X	X	X		5		-10
SP22-5	6/8/2007		3	3			2							1					X		X	X	X	X			5		-11
SP22-10	6/8/2007		3	3			2							1					X		X	X	X	X			5		-12
SP22-12	6/8/2007		3	3			2							1					X		X	X	X	X	X		5		-13
SP23-5	6/8/2007		3	3			2							1					X		X	X	X	X			5		-14
SP23-10	6/8/2007		3	3			2							1					X		X	X	X	X			5		-15
SP23-12	6/8/2007		3	3			2							1					X		X	X	X	X	X		5		-16
SP24-12	6/8/2007		3	3			2							1					X		X	X	X	X	X		5		-17
SP25-5	6/8/2007		3	3			2							1					X		X	X	X	X			5		-18
SP25-9	6/8/2007		3	3			2							1					X		X	X	X	X	X		5		-19
SP26-5	6/8/2007		3	3			2							1					X		X	X	X	X			5		-20
SP26-8	6/8/2007		3	3			2							1					X		X	X	X	X			5		-21
SP26-12	6/8/2007		3	3			2							1					X		X	X	X	X	X		5		-22
SP27-5	6/8/2007		3	3			2							1					X		X	X	X	X	X		5		-23
SP7-22.5	6/8/2007		3	3			2							1					X		X	X	X	X	X		5		-24

Comments/Special Instructions:

*5-Day Turn Around Time

Laboratory Comments:
Temperature Upon Receipt: 3.8°C
Sample Containers Intact? (Y) N
VOCs Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes please a pre-schedule w/ TestAmerica Project Manager or attach specifc instructions

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	6/8/07	1500			
Relinquished by:	Date	Time	Received by (Lab personnel):	Date	Time
			[signature]	6/9/07	7:30

Leah Klingensmith

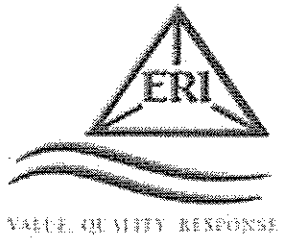
From: John K. Meyer [jmeyer@ERI-US com]
Sent: Monday, June 11, 2007 10:07 AM
To: Leah Klingensmith
Subject: RE: 99-MPB NQF1183

Leah,

Yes, please analyze SP24-5 and SP9-21 5 for gas/btex, and diesel and oil Please also run lead on SP9-21.5

Thank you,

John



John K. Meyer, R.G., L.HG.
Branch Manager
Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188
jmeyer@eri-us com
www.eri-us.com
206-575-6422-Office
206-510-3347-Cell
206-575-6423-Fax

From: Leah Klingensmith [mailto:lklingensmith@testamericainc.com]
Sent: Monday, June 11, 2007 7:24 AM
To: John K. Meyer
Subject: 99-MPB NQF1183

Hi John,
The lab received some samples for the above site that were collected on the 8th. A set of containers were submitted for two samples, SP24-5 & SP9-21.5 that were not listed on the COC. Do you want them analyzed? If so, should lead be included?

Also, for this set and for the set tagged as NQF0927, the 5 day rush was not approved. The only set approved was the 39 samples tagged as NQF0765. The lab will make every effort to accommodate the rush request on the other two sets.

TestAmerica Analytical Testing Corporation
Leah R. Klingensmith
Project Management
Email: lklingensmith@testamericainc com
Phone: 615-301-5038

Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On June 9, 2007@ 0750

1. Tracking # 3667 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID A00750

2. Temperature of rep. sample or temp blank when opened: 3.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES NO NA

If yes, how many and where: 2 (Front)

5. Were the seals intact, signed, and dated correctly? YES NO NA

6. Were custody papers inside cooler? YES NO NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES NO NA

Were these signed and dated correctly? YES NO NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES NO NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES NO NA

12. Did all container labels and tags agree with custody papers? YES NO NA

13a. Were VOA vials received? YES NO NA

b. Was there any observable headspace present in any VOA vial? YES NO NA

14. Was there a Trip Blank in this cooler? YES NO NA If multiple coolers, sequence # N/A

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO NA

b. Did the bottle labels indicate that the correct preservatives were used YES NO NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES NO NA

18. Did you sign the custody papers in the appropriate place? YES NO NA

19. Were correct containers used for the analysis requested? YES NO NA

20. Was sufficient amount of sample sent in each container? YES NO NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO #_____

1st sample has '18' instead of '13' on labels

2 extra soils

S-PDX-5

S-PG-21.5

BIS = Broken in shipment

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

June 20, 2007 3:51:46PM

Client: ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn: John K. Meyer

Work Order: NQF1293
Project Name: Exxon 99-MPB
Project Nbr: 31163
P/O Nbr: 4508139499
Date Received: 06/12/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
SP27-11	NQF1293-01	06/08/07 00:01
SP28-5	NQF1293-02	06/08/07 00:01
SP28-10	NQF1293-03	06/08/07 00:01
SP28-12	NQF1293-04	06/08/07 00:01
SP29-5	NQF1293-05	06/08/07 00:01
SP29-10	NQF1293-06	06/08/07 00:01
SP29-12	NQF1293-07	06/08/07 00:01
SP30-5	NQF1293-08	06/08/07 00:01
SP30-10	NQF1293-09	06/08/07 00:01
SP30-12	NQF1293-10	06/08/07 00:01
SP31-5	NQF1293-11	06/08/07 00:01
SP31-9	NQF1293-12	06/08/07 00:01
SP31-12	NQF1293-13	06/08/07 00:01
SP32-5	NQF1293-14	06/08/07 00:01
SP32-10	NQF1293-15	06/08/07 00:01
SP32-12	NQF1293-16	06/08/07 00:01
SP33-5	NQF1293-17	06/08/07 00:01
SP33-10	NQF1293-18	06/08/07 00:01
SP34-5	NQF1293-19	06/08/07 00:01
SP34-10	NQF1293-20	06/08/07 00:01
SP34-12	NQF1293-21	06/08/07 00:01
SP35-6	NQF1293-22	06/08/07 00:01
SP35-10	NQF1293-23	06/08/07 00:01
SP35-11	NQF1293-24	06/08/07 00:01
SP35-15	NQF1293-25	06/08/07 00:01
SP35-18	NQF1293-26	06/08/07 00:01

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

SP36-5	NQF1293-27	06/08/07 00:01
SP36-11	NQF1293-28	06/08/07 00:01
SP36-15	NQF1293-29	06/08/07 00:01
SP36-20	NQF1293-30	06/08/07 00:01
SP37-6	NQF1293-31	06/08/07 00:01
SP37-11	NQF1293-32	06/08/07 00:01
SP37-20	NQF1293-33	06/08/07 00:01
SP38-5	NQF1293-34	06/08/07 00:01
SP38-11	NQF1293-35	06/08/07 00:01
SP38-18	NQF1293-36	06/08/07 00:01
SP38-20	NQF1293-37	06/08/07 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.
.

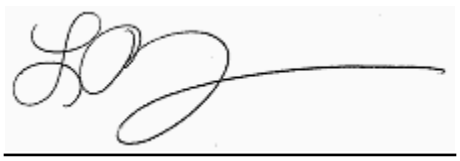
This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:
Analysis for BTEX by 8021B & NWTPH-Gx for sample SP30-10(NQF1293-09), was performed from an aliquot prepped from a jar greater than 48 hours after collection. The methanol prepped vials provided did not contain enough volume of solvent in order to run the analysis.
Washington Certification Number: C1712

The Chain(s) of Custody, 5 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainity is available upon request.
This report has been electronically signed.
Report Approved By:



Leah R. Klingensmith

Senior Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-01 (SP27-11 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.0**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Total Metals by EPA Method 6010B								
Lead	**3.36**		mg/kg dry	1.09	1	06/15/07 13:47	SW846 6010B	7062017
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.0731**		mg/kg dry	0.0299	50	06/13/07 21:49	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0597	50	06/13/07 21:49	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0597	50	06/13/07 21:49	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.179	50	06/13/07 21:49	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*88 %*					*06/13/07 21:49*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.41	1	06/15/07 13:09	NWTPH-Dx	7062111
Motor Oil	ND	QSG	mg/kg dry	4.41	1	06/15/07 13:09	NWTPH-Dx	7062111
Surr: o-Terphenyl (50-150%)	*101 %*					*06/15/07 13:09*	*NWTPH-Dx*	*7062111*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**11.7**		mg/kg dry	5.97	50	06/15/07 15:00	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*88 %*					*06/15/07 15:00*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-02 (SP28-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**75.9**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0285	50	06/13/07 22:23	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0570	50	06/13/07 22:23	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0570	50	06/13/07 22:23	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.171	50	06/13/07 22:23	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*86 %*					*06/13/07 22:23*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG, RL1	mg/kg dry	10.4	2	06/16/07 09:53	NWTPH-Dx	7062111
Motor Oil	**66.5**	A-01, QSG	mg/kg dry	10.4	2	06/16/07 09:53	NWTPH-Dx	7062111
Surr: o-Terphenyl (50-150%)	*85 %*					*06/16/07 09:53*	*NWTPH-Dx*	*7062111*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**9.17**		mg/kg dry	5.70	50	06/15/07 15:35	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*87 %*					*06/15/07 15:35*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-03 (SP28-10 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**81.1**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0216	50	06/13/07 22:58	SW846 8021B	7061918
Ethylbenzene	**1.68**		mg/kg dry	0.0432	50	06/13/07 22:58	SW846 8021B	7061918

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-03 (SP28-10 - Soil) - cont. Sampled: 06/08/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Toluene	**0.601**		mg/kg dry	0.0432	50	06/13/07 22:58	SW846 8021B	7061918
Xylenes, total	**1.96**		mg/kg dry	0.130	50	06/13/07 22:58	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*139 %*					*06/13/07 22:58*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.69	1	06/15/07 13:42	NWTPH-Dx	7062111
Motor Oil	**5.28**	A-01b, QSG	mg/kg dry	4.69	1	06/15/07 13:42	NWTPH-Dx	7062111
Surr: o-Terphenyl (50-150%)	*98 %*					*06/15/07 13:42*	*NWTPH-Dx*	*7062111*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**407**		mg/kg dry	86.4	1000	06/15/07 16:00	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*85 %*					*06/15/07 16:00*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-04 (SP28-12 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**81.6**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Total Metals by EPA Method 6010B								
Lead	**2.96**		mg/kg dry	1.19	1	06/15/07 13:52	SW846 6010B	7062017
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.0881**		mg/kg dry	0.0307	50	06/13/07 23:32	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0615	50	06/13/07 23:32	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0615	50	06/13/07 23:32	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.184	50	06/13/07 23:32	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*85 %*					*06/13/07 23:32*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.88	1	06/15/07 13:58	NWTPH-Dx	7062111
Motor Oil	ND	QSG	mg/kg dry	4.88	1	06/15/07 13:58	NWTPH-Dx	7062111
Surr: o-Terphenyl (50-150%)	*103 %*					*06/15/07 13:58*	*NWTPH-Dx*	*7062111*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**11.3**		mg/kg dry	6.15	50	06/15/07 16:09	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*89 %*					*06/15/07 16:09*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-05 (SP29-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**91.7**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0255	50	06/14/07 00:07	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0510	50	06/14/07 00:07	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0510	50	06/14/07 00:07	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.153	50	06/14/07 00:07	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*87 %*					*06/14/07 00:07*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-05 (SP29-5 - Soil) - cont. Sampled: 06/08/07 00:01								
Extractable Petroleum Hydrocarbons - cont.								
Diesel	**17.3**	QSG	mg/kg dry	4.24	1	06/15/07 14:14	NWTPH-Dx	7062111
Motor Oil	**51.9**	A-01, QSG	mg/kg dry	4.24	1	06/15/07 14:14	NWTPH-Dx	7062111
Surr: o-Terphenyl (50-150%)	*98 %*					*06/15/07 14:14*	*NWTPH-Dx*	*7062111*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**5.18**		mg/kg dry	5.10	50	06/15/07 16:56	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*87 %*					*06/15/07 16:56*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-06 (SP29-10 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**92.4**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0224	50	06/14/07 00:41	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0448	50	06/14/07 00:41	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0448	50	06/14/07 00:41	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.134	50	06/14/07 00:41	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*84 %*					*06/14/07 00:41*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	**4.21**	QSG	mg/kg dry	4.21	1	06/15/07 14:30	NWTPH-Dx	7062111
Motor Oil	**4.29**	A-01, QSG	mg/kg dry	4.21	1	06/15/07 14:30	NWTPH-Dx	7062111
Surr: o-Terphenyl (50-150%)	*103 %*					*06/15/07 14:30*	*NWTPH-Dx*	*7062111*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**4.73**		mg/kg dry	4.48	50	06/15/07 17:30	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*89 %*					*06/15/07 17:30*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-07 (SP29-12 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.2**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Total Metals by EPA Method 6010B								
Lead	**3.85**		mg/kg dry	1.13	1	06/15/07 13:56	SW846 6010B	7062017
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.101**		mg/kg dry	0.0244	50	06/14/07 01:16	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0488	50	06/14/07 01:16	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0488	50	06/14/07 01:16	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.146	50	06/14/07 01:16	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*93 %*					*06/14/07 01:16*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.31	1	06/15/07 14:47	NWTPH-Dx	7062111
Motor Oil	ND	QSG	mg/kg dry	4.31	1	06/15/07 14:47	NWTPH-Dx	7062111
Surr: o-Terphenyl (50-150%)	*106 %*					*06/15/07 14:47*	*NWTPH-Dx*	*7062111*
Purgeable Petroleum Hydrocarbons								

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-07RE1 (SP29-12 - Soil) - cont. Sampled: 06/08/07 00:01								
Purgeable Petroleum Hydrocarbons - cont.								
GRO (C4-C12) NW	**10.9**		mg/kg dry	4.88	50	06/15/07 18:05	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*93 %*					*06/15/07 18:05*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-08 (SP30-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**88.6**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0230	50	06/14/07 01:50	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0461	50	06/14/07 01:50	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0461	50	06/14/07 01:50	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.138	50	06/14/07 01:50	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*86 %*					*06/14/07 01:50*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG, RL1	mg/kg dry	8.86	2	06/16/07 10:09	NWTPH-Dx	7062111
Motor Oil	**75.2**	A-01, QSG	mg/kg dry	8.86	2	06/16/07 10:09	NWTPH-Dx	7062111
Surr: o-Terphenyl (50-150%)	*84 %*					*06/16/07 10:09*	*NWTPH-Dx*	*7062111*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**5.00**		mg/kg dry	4.61	50	06/15/07 18:39	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*89 %*					*06/15/07 18:39*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-09 (SP30-10 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**92.0**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0256	50	06/15/07 01:25	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0513	50	06/15/07 01:25	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0513	50	06/15/07 01:25	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.154	50	06/15/07 01:25	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*84 %*					*06/15/07 01:25*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.17	1	06/15/07 15:19	NWTPH-Dx	7062111
Motor Oil	ND	QSG	mg/kg dry	4.17	1	06/15/07 15:19	NWTPH-Dx	7062111
Surr: o-Terphenyl (50-150%)	*96 %*					*06/15/07 15:19*	*NWTPH-Dx*	*7062111*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	5.13	50	06/15/07 19:14	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*89 %*					*06/15/07 19:14*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-10 (SP30-12 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.5**		%	0.500	1	06/13/07 08:44	SW-846	7061912

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-10 (SP30-12 - Soil) - cont. Sampled: 06/08/07 00:01								
Total Metals by EPA Method 6010B								
Lead	**2.87**		mg/kg dry	1.11	1	06/15/07 14:01	SW846 6010B	7062017
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.217**		mg/kg dry	0.0340	50	06/14/07 02:25	SW846 8021B	7061918
Ethylbenzene	**0.0699**		mg/kg dry	0.0680	50	06/14/07 02:25	SW846 8021B	7061918
Toluene	**0.0955**		mg/kg dry	0.0680	50	06/14/07 02:25	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.204	50	06/14/07 02:25	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*96 %*					*06/14/07 02:25*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.33	1	06/15/07 15:36	NWTPH-Dx	7062111
Motor Oil	ND	QSG	mg/kg dry	4.33	1	06/15/07 15:36	NWTPH-Dx	7062111
Surr: o-Terphenyl (50-150%)	*118 %*					*06/15/07 15:36*	*NWTPH-Dx*	*7062111*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**16.2**		mg/kg dry	6.80	50	06/15/07 19:48	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*61 %*	*ZX*				*06/15/07 19:48*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-11 (SP31-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**66.1**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0592	50	06/14/07 02:59	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.118	50	06/14/07 02:59	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.118	50	06/14/07 02:59	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.355	50	06/14/07 02:59	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*84 %*					*06/14/07 02:59*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.96	1	06/15/07 01:13	NWTPH-Dx	7062112
Motor Oil	**18.6**	A-01, QSG	mg/kg dry	5.96	1	06/15/07 01:13	NWTPH-Dx	7062112
Surr: o-Terphenyl (50-150%)	*93 %*					*06/15/07 01:13*	*NWTPH-Dx*	*7062112*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	11.8	50	06/15/07 20:23	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*91 %*					*06/15/07 20:23*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-12 (SP31-9 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**81.5**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.0539**		mg/kg dry	0.0245	50	06/14/07 05:17	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0489	50	06/14/07 05:17	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0489	50	06/14/07 05:17	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.147	50	06/14/07 05:17	SW846 8021B	7061918

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-12 (SP31-9 - Soil) - cont. Sampled: 06/08/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Surr: a,a,a-Trifluorotoluene (59-159%)	*91 %*					*06/14/07 05:17*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.81	1	06/15/07 01:29	NWTPH-Dx	7062112
Motor Oil	ND	QSG	mg/kg dry	4.81	1	06/15/07 01:29	NWTPH-Dx	7062112
Surr: o-Terphenyl (50-150%)	*94 %*					*06/15/07 01:29*	*NWTPH-Dx*	*7062112*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**13.4**		mg/kg dry	4.89	50	06/15/07 16:57	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*88 %*					*06/15/07 16:57*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-13 (SP31-12 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**88.8**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Total Metals by EPA Method 6010B								
Lead	**2.41**		mg/kg dry	1.13	1	06/15/07 14:05	SW846 6010B	7062017
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.0236**		mg/kg dry	0.0236	50	06/14/07 05:52	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0472	50	06/14/07 05:52	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0472	50	06/14/07 05:52	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.142	50	06/14/07 05:52	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*87 %*					*06/14/07 05:52*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.44	1	06/15/07 01:45	NWTPH-Dx	7062112
Motor Oil	ND	QSG	mg/kg dry	4.44	1	06/15/07 01:45	NWTPH-Dx	7062112
Surr: o-Terphenyl (50-150%)	*103 %*					*06/15/07 01:45*	*NWTPH-Dx*	*7062112*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**5.21**		mg/kg dry	4.72	50	06/15/07 17:31	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*82 %*					*06/15/07 17:31*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-14 (SP32-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**68.8**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0392	50	06/14/07 06:26	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0783	50	06/14/07 06:26	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0783	50	06/14/07 06:26	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.235	50	06/14/07 06:26	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*85 %*					*06/14/07 06:26*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.61	1	06/15/07 02:01	NWTPH-Dx	7062112
Motor Oil	ND	QSG	mg/kg dry	5.61	1	06/15/07 02:01	NWTPH-Dx	7062112

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-14 (SP32-5 - Soil) - cont. Sampled: 06/08/07 00:01								
Extractable Petroleum Hydrocarbons - cont.								
Surr: o-Terphenyl (50-150%)	*91 %*					*06/15/07 02:01*	*NWTPH-Dx*	*7062112*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	7.83	50	06/15/07 18:06	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*80 %*					*06/15/07 18:06*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-15 (SP32-10 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.6**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.159**		mg/kg dry	0.0236	50	06/14/07 07:00	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0472	50	06/14/07 07:00	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0472	50	06/14/07 07:00	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.142	50	06/14/07 07:00	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*93 %*					*06/14/07 07:00*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.29	1	06/15/07 02:17	NWTPH-Dx	7062112
Motor Oil	ND	QSG	mg/kg dry	4.29	1	06/15/07 02:17	NWTPH-Dx	7062112
Surr: o-Terphenyl (50-150%)	*80 %*					*06/15/07 02:17*	*NWTPH-Dx*	*7062112*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**16.7**		mg/kg dry	4.72	50	06/15/07 18:40	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*88 %*					*06/15/07 18:40*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-16 (SP32-12 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.8**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Total Metals by EPA Method 6010B								
Lead	**2.66**		mg/kg dry	1.07	1	06/15/07 14:10	SW846 6010B	7062017
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.0454**		mg/kg dry	0.0252	50	06/14/07 07:35	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0505	50	06/14/07 07:35	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0505	50	06/14/07 07:35	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.151	50	06/14/07 07:35	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*89 %*					*06/14/07 07:35*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.42	1	06/15/07 02:33	NWTPH-Dx	7062112
Motor Oil	**6.18**	A-01, QSG	mg/kg dry	4.42	1	06/15/07 02:33	NWTPH-Dx	7062112
Surr: o-Terphenyl (50-150%)	*84 %*					*06/15/07 02:33*	*NWTPH-Dx*	*7062112*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**7.23**		mg/kg dry	5.05	50	06/15/07 19:15	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*83 %*					*06/15/07 19:15*	*NWTPH-Gx*	*7063094*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-17 (SP33-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**68.3**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0324	50	06/14/07 08:09	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0648	50	06/14/07 08:09	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0648	50	06/14/07 08:09	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.194	50	06/14/07 08:09	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*86 %*					*06/14/07 08:09*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.78	1	06/15/07 02:48	NWTPH-Dx	7062112
Motor Oil	ND	QSG	mg/kg dry	5.78	1	06/15/07 02:48	NWTPH-Dx	7062112
Surr: o-Terphenyl (50-150%)	*92 %*					*06/15/07 02:48*	*NWTPH-Dx*	*7062112*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	6.48	50	06/15/07 19:49	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*75 %*					*06/15/07 19:49*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-18 (SP33-10 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.0**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Total Metals by EPA Method 6010B								
Lead	**2.73**		mg/kg dry	1.10	1	06/15/07 14:14	SW846 6010B	7062017
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.131**		mg/kg dry	0.0278	50	06/14/07 08:44	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0557	50	06/14/07 08:44	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0557	50	06/14/07 08:44	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.167	50	06/14/07 08:44	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*93 %*					*06/14/07 08:44*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.34	1	06/15/07 03:04	NWTPH-Dx	7062112
Motor Oil	ND	QSG	mg/kg dry	4.34	1	06/15/07 03:04	NWTPH-Dx	7062112
Surr: o-Terphenyl (50-150%)	*95 %*					*06/15/07 03:04*	*NWTPH-Dx*	*7062112*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**11.9**		mg/kg dry	5.57	50	06/15/07 20:24	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*84 %*					*06/15/07 20:24*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-19 (SP34-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**74.3**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0396	50	06/14/07 09:20	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0792	50	06/14/07 09:20	SW846 8021B	7061918

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-19 (SP34-5 - Soil) - cont. Sampled: 06/08/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Toluene	ND		mg/kg dry	0.0792	50	06/14/07 09:20	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.238	50	06/14/07 09:20	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*87 %*					*06/14/07 09:20*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.35	1	06/15/07 03:20	NWTPH-Dx	7062112
Motor Oil	ND	QSG	mg/kg dry	5.35	1	06/15/07 03:20	NWTPH-Dx	7062112
Surr: o-Terphenyl (50-150%)	*93 %*					*06/15/07 03:20*	*NWTPH-Dx*	*7062112*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**8.67**		mg/kg dry	7.92	50	06/15/07 20:59	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*83 %*					*06/15/07 20:59*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-20 (SP34-10 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.9**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0241	50	06/14/07 09:54	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0483	50	06/14/07 09:54	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0483	50	06/14/07 09:54	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.145	50	06/14/07 09:54	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*84 %*					*06/14/07 09:54*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.43	1	06/15/07 03:36	NWTPH-Dx	7062112
Motor Oil	ND	QSG	mg/kg dry	4.43	1	06/15/07 03:36	NWTPH-Dx	7062112
Surr: o-Terphenyl (50-150%)	*89 %*					*06/15/07 03:36*	*NWTPH-Dx*	*7062112*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	4.83	50	06/15/07 21:33	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*80 %*					*06/15/07 21:33*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-21 (SP34-12 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**93.6**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Total Metals by EPA Method 6010B								
Lead	**2.13**		mg/kg dry	1.05	1	06/15/07 14:18	SW846 6010B	7062017
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0315	50	06/14/07 13:56	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0631	50	06/14/07 13:56	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0631	50	06/14/07 13:56	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.189	50	06/14/07 13:56	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*85 %*					*06/14/07 13:56*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-21 (SP34-12 - Soil) - cont. Sampled: 06/08/07 00:01								
Extractable Petroleum Hydrocarbons - cont.								
Diesel	ND	QSG	mg/kg dry	4.19	1	06/15/07 17:30	NWTPH-Dx	7062113
Motor Oil	ND	QSG	mg/kg dry	4.19	1	06/15/07 17:30	NWTPH-Dx	7062113
Surr: o-Terphenyl (50-150%)	*87 %*					*06/15/07 17:30*	*NWTPH-Dx*	*7062113*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**8.24**		mg/kg dry	6.31	50	06/15/07 22:06	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*88 %*					*06/15/07 22:06*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-22 (SP35-6 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**79.2**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.330**		mg/kg dry	0.0322	50	06/14/07 14:30	SW846 8021B	7061918
Ethylbenzene	**0.0745**		mg/kg dry	0.0644	50	06/14/07 14:30	SW846 8021B	7061918
Toluene	**0.0694**		mg/kg dry	0.0644	50	06/14/07 14:30	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.193	50	06/14/07 14:30	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*97 %*					*06/14/07 14:30*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.93	1	06/15/07 17:46	NWTPH-Dx	7062113
Motor Oil	ND	QSG	mg/kg dry	4.93	1	06/15/07 17:46	NWTPH-Dx	7062113
Surr: o-Terphenyl (50-150%)	*99 %*					*06/15/07 17:46*	*NWTPH-Dx*	*7062113*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**24.9**		mg/kg dry	6.44	50	06/15/07 22:41	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*99 %*					*06/15/07 22:41*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-23 (SP35-10 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**76.3**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0288	50	06/14/07 15:05	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0576	50	06/14/07 15:05	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0576	50	06/14/07 15:05	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.173	50	06/14/07 15:05	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*85 %*					*06/14/07 15:05*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.01	1	06/15/07 18:02	NWTPH-Dx	7062113
Motor Oil	ND	QSG	mg/kg dry	5.01	1	06/15/07 18:02	NWTPH-Dx	7062113
Surr: o-Terphenyl (50-150%)	*77 %*					*06/15/07 18:02*	*NWTPH-Dx*	*7062113*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**5.92**		mg/kg dry	5.76	50	06/15/07 23:15	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*89 %*					*06/15/07 23:15*	*NWTPH-Gx*	*7063093*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-24 (SP35-11 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**88.2**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0230	50	06/14/07 15:39	SW846 8021B	7061918
Ethylbenzene	**141**		mg/kg dry	2.30	2500	06/15/07 23:50	SW846 8021B	7063093
Toluene	**6.03**		mg/kg dry	0.0460	50	06/14/07 15:39	SW846 8021B	7061918
Xylenes, total	**592**		mg/kg dry	6.90	2500	06/15/07 23:50	SW846 8021B	7063093
Surr: a,a,a-Trifluorotoluene (59-159%)	*2317 %*	*ZX*				*06/14/07 15:39*	*SW846 8021B*	*7061918*
Surr: a,a,a-Trifluorotoluene (59-159%)	*463 %*	*ZX*				*06/15/07 23:50*	*SW846 8021B*	*7063093*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.48	1	06/15/07 18:18	NWTPH-Dx	7062113
Motor Oil	ND	QSG	mg/kg dry	4.48	1	06/15/07 18:18	NWTPH-Dx	7062113
Surr: o-Terphenyl (50-150%)	*93 %*					*06/15/07 18:18*	*NWTPH-Dx*	*7062113*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**1690**		mg/kg dry	460	5000	06/16/07 00:24	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*100 %*					*06/16/07 00:24*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-25 (SP35-15 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.3**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.185**		mg/kg dry	0.0206	50	06/14/07 16:14	SW846 8021B	7061918
Ethylbenzene	**0.294**		mg/kg dry	0.0413	50	06/16/07 00:59	SW846 8021B	7063093
Toluene	**0.184**		mg/kg dry	0.0413	50	06/14/07 16:14	SW846 8021B	7061918
Xylenes, total	**1.25**		mg/kg dry	0.124	50	06/16/07 00:59	SW846 8021B	7063093
Surr: a,a,a-Trifluorotoluene (59-159%)	*99 %*					*06/14/07 16:14*	*SW846 8021B*	*7061918*
Surr: a,a,a-Trifluorotoluene (59-159%)	*108 %*					*06/16/07 00:59*	*SW846 8021B*	*7063093*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.49	1	06/15/07 18:34	NWTPH-Dx	7062113
Motor Oil	ND	QSG	mg/kg dry	4.49	1	06/15/07 18:34	NWTPH-Dx	7062113
Surr: o-Terphenyl (50-150%)	*94 %*					*06/15/07 18:34*	*NWTPH-Dx*	*7062113*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**23.9**		mg/kg dry	4.13	50	06/16/07 00:59	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*108 %*					*06/16/07 00:59*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-26 (SP35-18 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.3**		%	0.500	1	06/13/07 08:44	SW-846	7061912
Total Metals by EPA Method 6010B								
Lead	**3.84**		mg/kg dry	1.09	1	06/15/07 14:23	SW846 6010B	7062017
Volatile Organic Compounds by EPA Method 8021B								

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-26 (SP35-18 - Soil) - cont. Sampled: 06/08/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Benzene	**0.673**		mg/kg dry	0.0335	50	06/14/07 16:48	SW846 8021B	7061918
Ethylbenzene	**1.09**		mg/kg dry	0.0671	50	06/14/07 16:48	SW846 8021B	7061918
Toluene	**0.0758**		mg/kg dry	0.0671	50	06/14/07 16:48	SW846 8021B	7061918
Xylenes, total	**1.66**		mg/kg dry	0.201	50	06/14/07 16:48	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*98 %*					*06/14/07 16:48*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.47	1	06/15/07 18:51	NWTPH-Dx	7062113
Motor Oil	ND	QSG	mg/kg dry	4.47	1	06/15/07 18:51	NWTPH-Dx	7062113
Surr: o-Terphenyl (50-150%)	*106 %*					*06/15/07 18:51*	*NWTPH-Dx*	*7062113*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**41.9**		mg/kg dry	6.71	50	06/16/07 01:33	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*112 %*					*06/16/07 01:33*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-27 (SP36-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**77.0**		%	0.500	1	06/13/07 08:55	SW-846	7061913
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0332	50	06/14/07 17:23	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0665	50	06/14/07 17:23	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0665	50	06/14/07 17:23	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.199	50	06/14/07 17:23	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*84 %*					*06/14/07 17:23*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.03	1	06/15/07 19:07	NWTPH-Dx	7062113
Motor Oil	**5.53**	A-01b, QSG	mg/kg dry	5.03	1	06/15/07 19:07	NWTPH-Dx	7062113
Surr: o-Terphenyl (50-150%)	*86 %*					*06/15/07 19:07*	*NWTPH-Dx*	*7062113*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	6.65	50	06/16/07 02:08	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*85 %*					*06/16/07 02:08*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-28 (SP36-11 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**88.3**		%	0.500	1	06/13/07 08:55	SW-846	7061913
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0239	50	06/14/07 17:57	SW846 8021B	7061918
Ethylbenzene	**10.7**		mg/kg dry	0.0478	50	06/14/07 17:57	SW846 8021B	7061918
Toluene	**6.70**		mg/kg dry	0.0478	50	06/14/07 17:57	SW846 8021B	7061918
Xylenes, total	**9.12**		mg/kg dry	0.143	50	06/14/07 17:57	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*667 %*	*ZX*				*06/14/07 17:57*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-28 (SP36-11 - Soil) - cont. Sampled: 06/08/07 00:01								
Extractable Petroleum Hydrocarbons - cont.								
Diesel	ND	QSG	mg/kg dry	4.45	1	06/15/07 19:23	NWTPH-Dx	7062113
Motor Oil	ND	QSG	mg/kg dry	4.45	1	06/15/07 19:23	NWTPH-Dx	7062113
Surr: o-Terphenyl (50-150%)	*102 %*					*06/15/07 19:23*	*NWTPH-Dx*	*7062113*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**9940**		mg/kg dry	239	2500	06/16/07 02:42	NWTPH-Gx	7063093
Surr: a,a,a-Trifluorotoluene (66-146%)	*150 %*	*ZX*				*06/16/07 02:42*	*NWTPH-Gx*	*7063093*
Sample ID: NQF1293-29 (SP36-15 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.8**		%	0.500	1	06/13/07 08:55	SW-846	7061913
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0238	50	06/14/07 18:32	SW846 8021B	7061918
Ethylbenzene	**2.77**		mg/kg dry	0.0476	50	06/14/07 18:32	SW846 8021B	7061918
Toluene	**1.51**		mg/kg dry	0.0476	50	06/14/07 18:32	SW846 8021B	7061918
Xylenes, total	**9.26**		mg/kg dry	0.143	50	06/14/07 18:32	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*413 %*	*ZX*				*06/14/07 18:32*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.44	1	06/15/07 19:39	NWTPH-Dx	7062113
Motor Oil	ND	QSG	mg/kg dry	4.44	1	06/15/07 19:39	NWTPH-Dx	7062113
Surr: o-Terphenyl (50-150%)	*105 %*					*06/15/07 19:39*	*NWTPH-Dx*	*7062113*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**292**		mg/kg dry	9.52	100	06/15/07 23:17	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*192 %*	*ZX*				*06/15/07 23:17*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-30 (SP36-20 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**86.1**		%	0.500	1	06/13/07 08:55	SW-846	7061913
Total Metals by EPA Method 6010B								
Lead	**2.96**		mg/kg dry	1.11	1	06/15/07 14:27	SW846 6010B	7062017
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.489**		mg/kg dry	0.0348	50	06/14/07 19:06	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0695	50	06/14/07 19:06	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0695	50	06/14/07 19:06	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.209	50	06/14/07 19:06	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*86 %*					*06/14/07 19:06*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.56	1	06/15/07 19:55	NWTPH-Dx	7062113
Motor Oil	ND	QSG	mg/kg dry	4.56	1	06/15/07 19:55	NWTPH-Dx	7062113
Surr: o-Terphenyl (50-150%)	*97 %*					*06/15/07 19:55*	*NWTPH-Dx*	*7062113*
Purgeable Petroleum Hydrocarbons								

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-30RE1 (SP36-20 - Soil) - cont. Sampled: 06/08/07 00:01								
Purgeable Petroleum Hydrocarbons - cont.								
GRO (C4-C12) NW	**13.1**		mg/kg dry	6.95	50	06/15/07 23:51	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*84 %*					*06/15/07 23:51*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-31 (SP37-6 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**78.3**		%	0.500	1	06/13/07 08:48	SW-846	7061914
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0308	50	06/14/07 21:24	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0616	50	06/14/07 21:24	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0616	50	06/14/07 21:24	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.185	50	06/14/07 21:24	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*84 %*					*06/14/07 21:24*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	5.06	1	06/15/07 11:11	NWTPH-Dx	7062114
Motor Oil	ND	QSG	mg/kg dry	5.06	1	06/15/07 11:11	NWTPH-Dx	7062114
Surr: o-Terphenyl (50-150%)	*66 %*					*06/15/07 11:11*	*NWTPH-Dx*	*7062114*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**6.99**		mg/kg dry	6.16	50	06/16/07 00:26	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*81 %*					*06/16/07 00:26*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-32 (SP37-11 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**89.4**		%	0.500	1	06/13/07 08:48	SW-846	7061914
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.303**		mg/kg dry	0.0271	50	06/14/07 21:59	SW846 8021B	7061918
Ethylbenzene	**0.309**		mg/kg dry	0.0542	50	06/14/07 21:59	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0542	50	06/14/07 21:59	SW846 8021B	7061918
Xylenes, total	**0.948**		mg/kg dry	0.163	50	06/14/07 21:59	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*103 %*					*06/14/07 21:59*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.40	1	06/15/07 11:31	NWTPH-Dx	7062114
Motor Oil	ND	QSG	mg/kg dry	4.40	1	06/15/07 11:31	NWTPH-Dx	7062114
Surr: o-Terphenyl (50-150%)	*72 %*					*06/15/07 11:31*	*NWTPH-Dx*	*7062114*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**24.3**		mg/kg dry	5.42	50	06/16/07 01:00	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*93 %*					*06/16/07 01:00*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-33 (SP37-20 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**83.8**		%	0.500	1	06/13/07 08:48	SW-846	7061914

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-33 (SP37-20 - Soil) - cont. Sampled: 06/08/07 00:01								
Total Metals by EPA Method 6010B								
Lead	**3.52**		mg/kg dry	1.16	1	06/15/07 14:51	SW846 6010B	7062017
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.211**		mg/kg dry	0.0286	50	06/14/07 22:33	SW846 8021B	7061918
Ethylbenzene	**0.136**		mg/kg dry	0.0573	50	06/14/07 22:33	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0573	50	06/14/07 22:33	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.172	50	06/14/07 22:33	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*90 %*					*06/14/07 22:33*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.67	1	06/15/07 11:50	NWTPH-Dx	7062114
Motor Oil	ND	QSG	mg/kg dry	4.67	1	06/15/07 11:50	NWTPH-Dx	7062114
Surr: o-Terphenyl (50-150%)	*66 %*					*06/15/07 11:50*	*NWTPH-Dx*	*7062114*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**16.2**		mg/kg dry	5.73	50	06/16/07 01:35	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*87 %*					*06/16/07 01:35*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-34 (SP38-5 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**82.7**		%	0.500	1	06/13/07 08:48	SW-846	7061914
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg dry	0.0251	50	06/14/07 23:07	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0501	50	06/14/07 23:07	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0501	50	06/14/07 23:07	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.150	50	06/14/07 23:07	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*86 %*					*06/14/07 23:07*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.77	1	06/15/07 12:10	NWTPH-Dx	7062114
Motor Oil	ND	QSG	mg/kg dry	4.77	1	06/15/07 12:10	NWTPH-Dx	7062114
Surr: o-Terphenyl (50-150%)	*69 %*					*06/15/07 12:10*	*NWTPH-Dx*	*7062114*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	ND		mg/kg dry	5.01	50	06/16/07 02:09	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*80 %*					*06/16/07 02:09*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-35 (SP38-11 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**90.3**		%	0.500	1	06/13/07 08:48	SW-846	7061914
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**1.39**		mg/kg dry	0.0281	50	06/14/07 23:42	SW846 8021B	7061918
Ethylbenzene	**2.27**		mg/kg dry	0.0562	50	06/14/07 23:42	SW846 8021B	7061918
Toluene	**0.840**		mg/kg dry	0.0562	50	06/14/07 23:42	SW846 8021B	7061918
Xylenes, total	**10.9**		mg/kg dry	0.169	50	06/14/07 23:42	SW846 8021B	7061918

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-35 (SP38-11 - Soil) - cont. Sampled: 06/08/07 00:01								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Surr: a,a,a-Trifluorotoluene (59-159%)	*162 %*	*ZX*				*06/14/07 23:42*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.41	1	06/15/07 12:30	NWTPH-Dx	7062114
Motor Oil	**10.3**	A-01a, QSG	mg/kg dry	4.41	1	06/15/07 12:30	NWTPH-Dx	7062114
Surr: o-Terphenyl (50-150%)	*72 %*					*06/15/07 12:30*	*NWTPH-Dx*	*7062114*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**154**		mg/kg dry	5.62	50	06/16/07 02:44	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*172 %*	*ZX*				*06/16/07 02:44*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-36 (SP38-18 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**87.2**		%	0.500	1	06/13/07 08:48	SW-846	7061914
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.0310**		mg/kg dry	0.0286	50	06/15/07 00:16	SW846 8021B	7061918
Ethylbenzene	ND		mg/kg dry	0.0572	50	06/15/07 00:16	SW846 8021B	7061918
Toluene	ND		mg/kg dry	0.0572	50	06/15/07 00:16	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.172	50	06/15/07 00:16	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*85 %*					*06/15/07 00:16*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.56	1	06/15/07 12:49	NWTPH-Dx	7062114
Motor Oil	ND	QSG	mg/kg dry	4.56	1	06/15/07 12:49	NWTPH-Dx	7062114
Surr: o-Terphenyl (50-150%)	*66 %*					*06/15/07 12:49*	*NWTPH-Dx*	*7062114*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**7.12**		mg/kg dry	5.72	50	06/16/07 03:18	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*83 %*					*06/16/07 03:18*	*NWTPH-Gx*	*7063094*
Sample ID: NQF1293-37 (SP38-20 - Soil) Sampled: 06/08/07 00:01								
General Chemistry Parameters								
% Dry Solids	**86.4**		%	0.500	1	06/13/07 08:48	SW-846	7061914
Total Metals by EPA Method 6010B								
Lead	**3.86**		mg/kg dry	1.14	1	06/15/07 14:55	SW846 6010B	7062017
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.282**		mg/kg dry	0.0307	50	06/15/07 00:51	SW846 8021B	7061918
Ethylbenzene	**0.447**		mg/kg dry	0.0613	50	06/15/07 00:51	SW846 8021B	7061918
Toluene	**0.110**		mg/kg dry	0.0613	50	06/15/07 00:51	SW846 8021B	7061918
Xylenes, total	ND		mg/kg dry	0.184	50	06/15/07 00:51	SW846 8021B	7061918
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*06/15/07 00:51*	*SW846 8021B*	*7061918*
Extractable Petroleum Hydrocarbons								
Diesel	ND	QSG	mg/kg dry	4.60	1	06/15/07 13:09	NWTPH-Dx	7062114
Motor Oil	ND	QSG	mg/kg dry	4.60	1	06/15/07 13:09	NWTPH-Dx	7062114

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQF1293-37 (SP38-20 - Soil) - cont. Sampled: 06/08/07 00:01								
Extractable Petroleum Hydrocarbons - cont.								
Surr: o-Terphenyl (50-150%)	*64 %*					*06/15/07 13:09*	*NWTPH-Dx*	*7062114*
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	**21.0**		mg/kg dry	6.13	50	06/16/07 03:53	NWTPH-Gx	7063094
Surr: a,a,a-Trifluorotoluene (66-146%)	*93 %*					*06/16/07 03:53*	*NWTPH-Gx*	*7063094*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn John K. Meyer

Work Order: NQF1293
Project Name: Exxon 99-MPB
Project Number: 31163
Received: 06/12/07 07:55

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
NWTPH-Dx	7062111	NQF1293-01	25.47	1.00	06/14/07 08:30	CDJ	EPA 3550B
NWTPH-Dx	7062111	NQF1293-02	25.33	1.00	06/14/07 08:30	CDJ	EPA 3550B
NWTPH-Dx	7062111	NQF1293-02RE1	25.33	1.00	06/14/07 08:30	CDJ	EPA 3550B
NWTPH-Dx	7062111	NQF1293-03	26.28	1.00	06/14/07 08:30	CDJ	EPA 3550B
NWTPH-Dx	7062111	NQF1293-04	25.12	1.00	06/14/07 08:30	CDJ	EPA 3550B
NWTPH-Dx	7062111	NQF1293-05	25.70	1.00	06/14/07 08:30	CDJ	EPA 3550B
NWTPH-Dx	7062111	NQF1293-06	25.70	1.00	06/14/07 08:30	CDJ	EPA 3550B
NWTPH-Dx	7062111	NQF1293-07	26.04	1.00	06/14/07 08:30	CDJ	EPA 3550B
NWTPH-Dx	7062111	NQF1293-08	25.48	1.00	06/14/07 08:30	CDJ	EPA 3550B
NWTPH-Dx	7062111	NQF1293-08RE1	25.48	1.00	06/14/07 08:30	CDJ	EPA 3550B
NWTPH-Dx	7062111	NQF1293-09	26.08	1.00	06/14/07 08:30	CDJ	EPA 3550B
NWTPH-Dx	7062111	NQF1293-10	25.82	1.00	06/14/07 08:30	CDJ	EPA 3550B
NWTPH-Dx	7062112	NQF1293-11	25.40	1.00	06/14/07 08:00	CDJ	EPA 3550B
NWTPH-Dx	7062112	NQF1293-12	25.53	1.00	06/14/07 08:00	CDJ	EPA 3550B
NWTPH-Dx	7062112	NQF1293-13	25.39	1.00	06/14/07 08:00	CDJ	EPA 3550B
NWTPH-Dx	7062112	NQF1293-14	25.91	1.00	06/14/07 08:00	CDJ	EPA 3550B
NWTPH-Dx	7062112	NQF1293-15	26.02	1.00	06/14/07 08:00	CDJ	EPA 3550B
NWTPH-Dx	7062112	NQF1293-16	25.17	1.00	06/14/07 08:00	CDJ	EPA 3550B
NWTPH-Dx	7062112	NQF1293-17	25.33	1.00	06/14/07 08:00	CDJ	EPA 3550B
NWTPH-Dx	7062112	NQF1293-18	25.87	1.00	06/14/07 08:00	CDJ	EPA 3550B
NWTPH-Dx	7062112	NQF1293-19	25.18	1.00	06/14/07 08:00	CDJ	EPA 3550B
NWTPH-Dx	7062112	NQF1293-20	25.70	1.00	06/14/07 08:00	CDJ	EPA 3550B
NWTPH-Dx	7062113	NQF1293-21	25.49	1.00	06/14/07 12:00	BJM	EPA 3550B
NWTPH-Dx	7062113	NQF1293-22	25.63	1.00	06/14/07 12:00	BJM	EPA 3550B
NWTPH-Dx	7062113	NQF1293-23	26.14	1.00	06/14/07 12:00	BJM	EPA 3550B
NWTPH-Dx	7062113	NQF1293-24	25.32	1.00	06/14/07 12:00	BJM	EPA 3550B
NWTPH-Dx	7062113	NQF1293-25	25.53	1.00	06/14/07 12:00	BJM	EPA 3550B
NWTPH-Dx	7062113	NQF1293-26	25.04	1.00	06/14/07 12:00	BJM	EPA 3550B
NWTPH-Dx	7062113	NQF1293-27	25.83	1.00	06/14/07 12:00	BJM	EPA 3550B
NWTPH-Dx	7062113	NQF1293-28	25.44	1.00	06/14/07 12:00	BJM	EPA 3550B
NWTPH-Dx	7062113	NQF1293-29	25.63	1.00	06/14/07 12:00	BJM	EPA 3550B
NWTPH-Dx	7062113	NQF1293-30	25.48	1.00	06/14/07 12:00	BJM	EPA 3550B
NWTPH-Dx	7062114	NQF1293-31	25.26	1.00	06/13/07 15:30	CDJ	EPA 3550B
NWTPH-Dx	7062114	NQF1293-32	25.41	1.00	06/13/07 15:30	CDJ	EPA 3550B
NWTPH-Dx	7062114	NQF1293-33	25.55	1.00	06/13/07 15:30	CDJ	EPA 3550B
NWTPH-Dx	7062114	NQF1293-34	25.34	1.00	06/13/07 15:30	CDJ	EPA 3550B
NWTPH-Dx	7062114	NQF1293-35	25.09	1.00	06/13/07 15:30	CDJ	EPA 3550B
NWTPH-Dx	7062114	NQF1293-36	25.17	1.00	06/13/07 15:30	CDJ	EPA 3550B
NWTPH-Dx	7062114	NQF1293-37	25.15	1.00	06/13/07 15:30	CDJ	EPA 3550B
Purgeable Petroleum Hydrocarbons							
NWTPH-Gx	7061918	NQF1293-01	9.41	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-01RE1	9.41	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-02	11.56	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-02RE1	11.56	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn John K. Meyer

Work Order: NQF1293
Project Name: Exxon 99-MPB
Project Number: 31163
Received: 06/12/07 07:55

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
NWTPH-Gx	7061918	NQF1293-03	14.27	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-03RE1	14.27	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-04	9.97	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-04RE1	9.97	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-05	10.69	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-05RE1	10.69	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-06	12.08	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-06RE1	12.08	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-07	11.49	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-07RE1	11.49	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-08	12.25	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-08RE1	12.25	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-09	5.30	5.00	06/14/07 09:50	NKN	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-09RE1	5.30	5.00	06/14/07 09:50	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-10	8.21	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-10RE1	8.21	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-11	6.39	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-11RE1	6.39	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-12	12.54	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-12RE1	12.54	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-13	11.92	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-13RE1	11.92	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-14	9.28	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-14RE1	9.28	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-15	11.82	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-15RE1	11.82	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-16	11.03	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-16RE1	11.03	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-17	11.30	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-17RE1	11.30	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-18	10.09	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-18RE1	10.09	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-19	8.50	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-19RE1	8.50	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-20	11.78	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-20RE1	11.78	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-21	8.47	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-21RE1	8.47	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-22	9.80	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-22RE1	9.80	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-23	11.37	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-23RE1	11.37	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-24	12.32	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-24RE1	12.32	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-24RE2	12.32	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
NWTPH-Gx	7061918	NQF1293-25	13.88	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-25RE1	13.88	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-26	8.35	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-26RE1	8.35	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-27	9.77	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-27RE1	9.77	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-28	11.84	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7063093	NQF1293-28RE1	11.84	10.00	06/08/07 00:01	DXO	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-29	11.96	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-29RE1	11.96	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-30	8.35	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-30RE1	8.35	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-31	10.37	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-31RE1	10.37	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-32	10.32	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-32RE1	10.32	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-33	10.42	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-33RE1	10.42	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-34	12.06	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-34RE1	12.06	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-35	9.85	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-35RE1	9.85	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-36	10.03	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-36RE1	10.03	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7061918	NQF1293-37	9.44	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
NWTPH-Gx	7063094	NQF1293-37RE1	9.44	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
Total Metals by EPA Method 6010B							
SW846 6010B	7062017	NQF1293-01	0.52	100.00	06/15/07 09:45	AMB	EPA 3051
SW846 6010B	7062017	NQF1293-04	0.52	100.00	06/15/07 09:45	AMB	EPA 3051
SW846 6010B	7062017	NQF1293-07	0.50	100.00	06/15/07 09:45	AMB	EPA 3051
SW846 6010B	7062017	NQF1293-10	0.50	100.00	06/15/07 09:45	AMB	EPA 3051
SW846 6010B	7062017	NQF1293-13	0.50	100.00	06/15/07 09:45	AMB	EPA 3051
SW846 6010B	7062017	NQF1293-16	0.52	100.00	06/15/07 09:45	AMB	EPA 3051
SW846 6010B	7062017	NQF1293-18	0.51	100.00	06/15/07 09:45	AMB	EPA 3051
SW846 6010B	7062017	NQF1293-21	0.51	100.00	06/15/07 09:45	AMB	EPA 3051
SW846 6010B	7062017	NQF1293-26	0.51	100.00	06/15/07 09:45	AMB	EPA 3051
SW846 6010B	7062017	NQF1293-30	0.53	100.00	06/15/07 09:45	AMB	EPA 3051
SW846 6010B	7062017	NQF1293-33	0.51	100.00	06/15/07 09:45	AMB	EPA 3051
SW846 6010B	7062017	NQF1293-37	0.51	100.00	06/15/07 09:45	AMB	EPA 3051
Volatile Organic Compounds by EPA Method 8021B							
SW846 8021B	7061918	NQF1293-01	9.41	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-02	11.56	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-03	14.27	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-04	9.97	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-05	10.69	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8021B	7061918	NQF1293-06	12.08	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-07	11.49	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-08	12.25	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-09	5.30	5.00	06/14/07 09:50	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-10	8.21	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-11	6.39	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-12	12.54	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-13	11.92	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-14	9.28	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-15	11.82	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-16	11.03	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-17	11.30	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-18	10.09	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-19	8.50	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-20	11.78	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-21	8.47	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-22	9.80	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-23	11.37	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-24	12.32	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7063093	NQF1293-24RE1	12.32	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-25	13.88	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7063093	NQF1293-25RE1	13.88	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-26	8.35	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-27	9.77	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-28	11.84	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-29	11.96	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-30	8.35	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-31	10.37	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-32	10.32	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-33	10.42	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-34	12.06	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-35	9.85	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-36	10.03	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)
SW846 8021B	7061918	NQF1293-37	9.44	10.00	06/08/07 00:01	NKN	EPA 5035A (GC)

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Total Metals by EPA Method 6010B						
7062017-BLK1						
Lead	<0.881		mg/kg wet	7062017	7062017-BLK1	06/15/07 13:02
Volatile Organic Compounds by EPA Method 8021B						
7061918-BLK1						
Benzene	<0.000400		mg/kg wet	7061918	7061918-BLK1	06/13/07 21:14
Ethylbenzene	<0.000400		mg/kg wet	7061918	7061918-BLK1	06/13/07 21:14
Toluene	<0.000300		mg/kg wet	7061918	7061918-BLK1	06/13/07 21:14
Xylenes, total	<0.000400		mg/kg wet	7061918	7061918-BLK1	06/13/07 21:14
Surrogate: a,a,a-Trifluorotoluene	83%			7061918	7061918-BLK1	06/13/07 21:14
7061918-BLK2						
Benzene	<0.000400		mg/kg wet	7061918	7061918-BLK2	06/14/07 04:43
Ethylbenzene	<0.000400		mg/kg wet	7061918	7061918-BLK2	06/14/07 04:43
Toluene	<0.000300		mg/kg wet	7061918	7061918-BLK2	06/14/07 04:43
Xylenes, total	<0.000400		mg/kg wet	7061918	7061918-BLK2	06/14/07 04:43
Surrogate: a,a,a-Trifluorotoluene	81%			7061918	7061918-BLK2	06/14/07 04:43
7061918-BLK3						
Benzene	<0.000400		mg/kg wet	7061918	7061918-BLK3	06/14/07 13:21
Ethylbenzene	<0.000400		mg/kg wet	7061918	7061918-BLK3	06/14/07 13:21
Toluene	<0.000300		mg/kg wet	7061918	7061918-BLK3	06/14/07 13:21
Xylenes, total	<0.000400		mg/kg wet	7061918	7061918-BLK3	06/14/07 13:21
Surrogate: a,a,a-Trifluorotoluene	83%			7061918	7061918-BLK3	06/14/07 13:21
7061918-BLK4						
Benzene	<0.000400		mg/kg wet	7061918	7061918-BLK4	06/14/07 20:50
Ethylbenzene	<0.000400		mg/kg wet	7061918	7061918-BLK4	06/14/07 20:50
Toluene	<0.000300		mg/kg wet	7061918	7061918-BLK4	06/14/07 20:50
Xylenes, total	<0.000400		mg/kg wet	7061918	7061918-BLK4	06/14/07 20:50
Surrogate: a,a,a-Trifluorotoluene	81%			7061918	7061918-BLK4	06/14/07 20:50
7063093-BLK1						
Benzene	<0.000400		mg/kg wet	7063093	7063093-BLK1	06/15/07 14:17
Ethylbenzene	<0.000400		mg/kg wet	7063093	7063093-BLK1	06/15/07 14:17
Toluene	<0.000300		mg/kg wet	7063093	7063093-BLK1	06/15/07 14:17
Xylenes, total	<0.000400		mg/kg wet	7063093	7063093-BLK1	06/15/07 14:17
Surrogate: a,a,a-Trifluorotoluene	84%			7063093	7063093-BLK1	06/15/07 14:17
7063093-BLK2						
Benzene	<0.000400		mg/kg wet	7063093	7063093-BLK2	06/15/07 21:32
Ethylbenzene	<0.000400		mg/kg wet	7063093	7063093-BLK2	06/15/07 21:32
Toluene	<0.000300		mg/kg wet	7063093	7063093-BLK2	06/15/07 21:32

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7063093-BLK2						
Xylenes, total	<0.000400		mg/kg wet	7063093	7063093-BLK2	06/15/07 21:32
Surrogate: a,a,a-Trifluorotoluene	84%			7063093	7063093-BLK2	06/15/07 21:32
Extractable Petroleum Hydrocarbons						
7062111-BLK1						
Diesel	<2.00		mg/kg wet	7062111	7062111-BLK1	06/15/07 12:05
Motor Oil	<2.00		mg/kg wet	7062111	7062111-BLK1	06/15/07 12:05
Surrogate: o-Terphenyl	114%			7062111	7062111-BLK1	06/15/07 12:05
7062112-BLK1						
Diesel	<2.00		mg/kg wet	7062112	7062112-BLK1	06/14/07 23:34
Motor Oil	<2.00		mg/kg wet	7062112	7062112-BLK1	06/14/07 23:34
Surrogate: o-Terphenyl	96%			7062112	7062112-BLK1	06/14/07 23:34
7062113-BLK1						
Diesel	<2.00		mg/kg wet	7062113	7062113-BLK1	06/15/07 16:25
Motor Oil	<2.00		mg/kg wet	7062113	7062113-BLK1	06/15/07 16:25
Surrogate: o-Terphenyl	110%			7062113	7062113-BLK1	06/15/07 16:25
7062114-BLK1						
Diesel	<2.00		mg/kg wet	7062114	7062114-BLK1	06/15/07 09:52
Motor Oil	<2.00		mg/kg wet	7062114	7062114-BLK1	06/15/07 09:52
Surrogate: o-Terphenyl	67%			7062114	7062114-BLK1	06/15/07 09:52
Purgeable Petroleum Hydrocarbons						
7063093-BLK1						
GRO (C4-C12) NW	<0.0180		mg/kg wet	7063093	7063093-BLK1	06/15/07 14:17
Surrogate: a,a,a-Trifluorotoluene	84%			7063093	7063093-BLK1	06/15/07 14:17
7063093-BLK2						
GRO (C4-C12) NW	<0.0180		mg/kg wet	7063093	7063093-BLK2	06/15/07 21:32
Surrogate: a,a,a-Trifluorotoluene	84%			7063093	7063093-BLK2	06/15/07 21:32
7063094-BLK1						
GRO (C4-C12) NW	0.0286		mg/kg wet	7063094	7063094-BLK1	06/15/07 15:26
Surrogate: a,a,a-Trifluorotoluene	82%			7063094	7063094-BLK1	06/15/07 15:26
7063094-BLK2						
GRO (C4-C12) NW	0.0311		mg/kg wet	7063094	7063094-BLK2	06/15/07 22:42
Surrogate: a,a,a-Trifluorotoluene	81%			7063094	7063094-BLK2	06/15/07 22:42

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B									
7061918-DUP1									
Benzene	0.0731	0.00145	R	mg/kg dry	192	48	7061918	NQF1293-01	06/14/07 10:29
Ethylbenzene	ND	ND		mg/kg dry		46	7061918	NQF1293-01	06/14/07 10:29
Toluene	ND	ND		mg/kg dry		50	7061918	NQF1293-01	06/14/07 10:29
Xylenes, total	ND	ND		mg/kg dry		50	7061918	NQF1293-01	06/14/07 10:29
Surrogate: a,a,a-Trifluorotoluene		27.0		ug/L			7061918	NQF1293-01	06/14/07 10:29
7061918-DUP2									
Benzene	ND	ND		mg/kg dry		48	7061918	NQF1293-03	06/15/07 02:00
Ethylbenzene	1.68	0.0469	R	mg/kg dry	189	46	7061918	NQF1293-03	06/15/07 02:00
Toluene	0.601	0.0353	R	mg/kg dry	178	50	7061918	NQF1293-03	06/15/07 02:00
Xylenes, total	1.96	0.0533	R	mg/kg dry	189	50	7061918	NQF1293-03	06/15/07 02:00
Surrogate: a,a,a-Trifluorotoluene		41.3		ug/L			7061918	NQF1293-03	06/15/07 02:00
7063093-DUP1									
Benzene	0.102	0.00139	R	mg/kg dry	195	48	7063093	NQF1293-01RE1	06/16/07 03:16
Ethylbenzene	ND	ND		mg/kg dry		46	7063093	NQF1293-01RE1	06/16/07 03:16
Toluene	ND	ND		mg/kg dry		50	7063093	NQF1293-01RE1	06/16/07 03:16
Xylenes, total	ND	ND		mg/kg dry		50	7063093	NQF1293-01RE1	06/16/07 03:16
Surrogate: a,a,a-Trifluorotoluene		26.5		ug/L			7063093	NQF1293-01RE1	06/16/07 03:16
Purgeable Petroleum Hydrocarbons									
7063093-DUP1									
GRO (C4-C12) NW	11.7	0.229	R	mg/kg dry	192	37	7063093	NQF1293-01RE1	06/16/07 03:16
Surrogate: a,a,a-Trifluorotoluene		26.5		ug/L			7063093	NQF1293-01RE1	06/16/07 03:16
7063094-DUP1									
GRO (C4-C12) NW	407	0.540	R	mg/kg dry	199	37	7063094	NQF1293-03RE1	06/16/07 04:27
Surrogate: a,a,a-Trifluorotoluene		25.3		ug/L			7063094	NQF1293-03RE1	06/16/07 04:27

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Total Metals by EPA Method 6010B								
7062017-BS1								
Lead	100	98.5		mg/kg wet	98%	80 - 120	7062017	06/15/07 13:06
Volatile Organic Compounds by EPA Method 8021B								
7061918-BS1								
Benzene	0.100	0.0951		mg/kg wet	95%	69 - 131	7061918	06/14/07 11:03
Ethylbenzene	0.100	0.0851		mg/kg wet	85%	79 - 123	7061918	06/14/07 11:03
Toluene	0.100	0.0887		mg/kg wet	89%	74 - 122	7061918	06/14/07 11:03
Xylenes, total	0.300	0.249		mg/kg wet	83%	75 - 125	7061918	06/14/07 11:03
Surrogate: a,a,a-Trifluorotoluene	30.0	26.5			88%	59 - 159	7061918	06/14/07 11:03
7061918-BS3								
Benzene	0.100	0.104		mg/kg wet	104%	69 - 131	7061918	06/15/07 02:34
Ethylbenzene	0.100	0.0923		mg/kg wet	92%	79 - 123	7061918	06/15/07 02:34
Toluene	0.100	0.0974		mg/kg wet	97%	74 - 122	7061918	06/15/07 02:34
Xylenes, total	0.300	0.269		mg/kg wet	90%	75 - 125	7061918	06/15/07 02:34
Surrogate: a,a,a-Trifluorotoluene	30.0	26.0			87%	59 - 159	7061918	06/15/07 02:34
7063093-BS1								
Benzene	0.100	0.0958		mg/kg wet	96%	69 - 131	7063093	06/16/07 16:24
Ethylbenzene	0.100	0.0858		mg/kg wet	86%	79 - 123	7063093	06/16/07 16:24
Toluene	0.100	0.0893		mg/kg wet	89%	74 - 122	7063093	06/16/07 16:24
Xylenes, total	0.300	0.250		mg/kg wet	83%	75 - 125	7063093	06/16/07 16:24
Surrogate: a,a,a-Trifluorotoluene	30.0	25.3			84%	59 - 159	7063093	06/16/07 16:24
Extractable Petroleum Hydrocarbons								
7062111-BS1								
Diesel	40.0	36.3		mg/kg wet	91%	59 - 135	7062111	06/15/07 12:21
Surrogate: o-Terphenyl	0.800	0.889			111%	50 - 150	7062111	06/15/07 12:21
7062112-BS1								
Diesel	40.0	40.5		mg/kg wet	101%	59 - 135	7062112	06/14/07 23:50
Surrogate: o-Terphenyl	0.800	0.940			118%	50 - 150	7062112	06/14/07 23:50
7062113-BS1								
Diesel	40.0	42.2		mg/kg wet	106%	59 - 135	7062113	06/15/07 16:41
Surrogate: o-Terphenyl	0.800	0.949			119%	50 - 150	7062113	06/15/07 16:41
7062114-BS1								
Diesel	40.0	37.3		mg/kg wet	93%	59 - 135	7062114	06/15/07 10:12
Surrogate: o-Terphenyl	0.800	0.621			78%	50 - 150	7062114	06/15/07 10:12
Purgeable Petroleum Hydrocarbons								

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons								
7063093-BS2								
GRO (C4-C12) NW	1.00	1.02		mg/kg wet	102%	72 - 126	7063093	06/16/07 03:51
Surrogate: a,a,a-Trifluorotoluene	30.0	36.8			123%	66 - 146	7063093	06/16/07 03:51
7063094-BS1								
GRO (C4-C12) NW	1.00	1.14		mg/kg wet	114%	72 - 126	7063094	06/16/07 05:02
Surrogate: a,a,a-Trifluorotoluene	30.0	32.0			107%	66 - 146	7063094	06/16/07 05:02

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Total Metals by EPA Method 6010B										
7062017-MS1										
Lead	5.20	95.8		mg/kg wet	96.7	94%	75 - 125	7062017	NQF1275-07	06/15/07 13:15
Extractable Petroleum Hydrocarbons										
7062111-MS1										
Diesel	ND	42.6		mg/kg dry	43.3	98%	35 - 145	7062111	NQF1293-07	06/15/07 12:37
Surrogate: o-Terphenyl		1.08		mg/kg dry	0.867	125%	50 - 150	7062111	NQF1293-07	06/15/07 12:37
7062112-MS1										
Diesel	ND	50.0		mg/kg dry	44.8	112%	35 - 145	7062112	NQF1293-20	06/15/07 00:41
Surrogate: o-Terphenyl		1.14		mg/kg dry	0.896	127%	50 - 150	7062112	NQF1293-20	06/15/07 00:41
7062113-MS1										
Diesel	2.88	45.4		mg/kg dry	44.5	96%	35 - 145	7062113	NQF1293-29	06/15/07 16:57
Surrogate: o-Terphenyl		1.03		mg/kg dry	0.891	116%	50 - 150	7062113	NQF1293-29	06/15/07 16:57
7062114-MS1										
Diesel	ND	40.0		mg/kg dry	44.2	90%	35 - 145	7062114	NQF1293-36	06/15/07 10:32
Surrogate: o-Terphenyl		0.647		mg/kg dry	0.884	73%	50 - 150	7062114	NQF1293-36	06/15/07 10:32

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
7062017-MSD1												
Lead	5.20	98.5		mg/kg wet	96.7	96%	75 - 125	3	20	7062017	NQF1275-07	06/15/07 13:20
Extractable Petroleum Hydrocarbons												
7062111-MSD1												
Diesel	ND	46.6		mg/kg dry	44.5	105%	35 - 145	9	43	7062111	NQF1293-07	06/15/07 12:53
Surrogate: o-Terphenyl		1.11		mg/kg dry	0.889	125%	50 - 150			7062111	NQF1293-07	06/15/07 12:53
7062112-MSD1												
Diesel	ND	42.9		mg/kg dry	44.6	96%	35 - 145	15	43	7062112	NQF1293-20	06/15/07 00:57
Surrogate: o-Terphenyl		0.980		mg/kg dry	0.892	110%	50 - 150			7062112	NQF1293-20	06/15/07 00:57
7062113-MSD1												
Diesel	2.88	45.6		mg/kg dry	44.9	95%	35 - 145	0.4	43	7062113	NQF1293-29	06/15/07 17:13
Surrogate: o-Terphenyl		1.05		mg/kg dry	0.898	117%	50 - 150			7062113	NQF1293-29	06/15/07 17:13
7062114-MSD1												
Diesel	ND	44.2		mg/kg dry	45.1	98%	35 - 145	10	43	7062114	NQF1293-36	06/15/07 10:51
Surrogate: o-Terphenyl		0.753		mg/kg dry	0.901	84%	50 - 150			7062114	NQF1293-36	06/15/07 10:51

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	Washington
NWTPH-Dx	Soil	N/A	X	X
NWTPH-Gx	Soil	N/A	X	X
SW846 6010B	Soil	N/A	X	X
SW846 8021B	Soil	N/A	X	X
SW-846	Soil			

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ERI Tukwila (10313)	Work Order:	NQF1293
	815 Industry Drive	Project Name:	Exxon 99-MPB
	Tukwila, WA 98188	Project Number:	31163
Attn	John K. Meyer	Received:	06/12/07 07:55

DATA QUALIFIERS AND DEFINITIONS

A-01	The primary contamination elutes between C18 and C40, which is in the motor oil range, but does not match any standards in our library.
A-01a	The primary contamination elutes between C20 and C40, which is in the motor oil range and has a similar pattern as our motor oil standard.
A-01b	The primary contamination elutes between C24 and C40, which is in the motor oil range, but does not match any standards in our library.
QSG	Silica Gel clean-up performed on extracts.
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
RL1	Reporting limit raised due to sample matrix effects.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica ANALYTICAL TESTING CORPORATION
Nashville, TN

COOLER RECEIPT FORM

NQF1293

Cooler Received/Opened On: 6/12/07 @ 0755

1. Tracking # 4160 (last 4 digits, FedEx)

Courier: FED EX IR Gun ID: 90942856

2. Temperature of rep. sample or temp blank when opened: 0.6 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

4. Were custody seals on outside of cooler? YES (NO) NA

If yes, how many and where: _____

5 Were the seals intact, signed, and dated correctly? YES NO (NA)

6. Were custody papers inside cooler? (YES) NO NA

I certify that I opened the cooler and answered questions 1-6 (intial) JR

7. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

Were these signed and dated correctly? YES NO (NA)

8. Packing mat'l used? (Bubblewrap) (Plastic bag) Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES) NO NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES) NO NA

12. Did all container labels and tags agree with custody papers? (YES) NO NA

13a were VOA vials received? (YES) NO NA

b. Was there any observable headspace present in any VOA vial? YES (NO) NA

14. Was there a Trip Blank in this cooler? YES NO (NA) If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a on pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO (NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES) NO NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Is residual chlorine present? YES NO (NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial). WS

17. Were custody papers properly filled out (ink, signed, etc)? (YES) NO NA

18. Did you sign the custody papers in the appropriate place? (YES) NO NA

19. Were correct containers used for the analysis requested? (YES) NO NA

20. Was sufficient amount of sample sent in each container? (YES) NO NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial). WS

I certify that I attached a label with the unique LIMS number to each container (initial). WS

21. Were there Non-Conformance issues at login? YES (NO) Was a PIPE generated? YES NO # _____

BIS = Broken in shipment

TESTAMERICA
ANALYTICAL TESTING CORPORATION
Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On: 6/12/07 @ 0755

1. Tracking # 4182 (last 4 digits, FedEx)

Courier: FED EX IR Gun ID: 90942856

2. Temperature of rep. sample or temp blank when opened: 1-2 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

4. Were custody seals on outside of cooler? YES (NO) NA

If yes, how many and where: _____

5. Were the seals intact, signed, and dated correctly? YES NO (NA)

6. Were custody papers inside cooler? (YES) NO NA

I certify that I opened the cooler and answered questions 1-6 (intial) JR

7. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

Were these signed and dated correctly? YES NO (NA)

8. Packing mat'l used? (Bubblewrap) (Plastic bag) Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES) NO NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES) NO NA

12. Did all container labels and tags agree with custody papers? (YES) NO NA

13a. were VOA vials received? (YES) NO NA

b. Was there any observable headspace present in any VOA vial? YES (NO) NA

14. Was there a Trip Blank in this cooler? YES NO (NA) If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. on pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO NA

b. Did the bottle labels indicate that the correct preservatives were used YES NO NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Is residual chlorine present? YES NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial). _____

17. Were custody papers properly filled out (ink, signed, etc)? YES NO NA

18. Did you sign the custody papers in the appropriate place? YES NO NA

19. Were correct containers used for the analysis requested? YES NO NA

20. Was sufficient amount of sample sent in each container? YES NO NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial). _____

I certify that I attached a label with the unique LIMS number to each container (initial). _____

21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO #_____

Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On June 12, 2007@ 0755

1. Tracking # 4171 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID A00750

2. Temperature of rep. sample or temp blank when opened: 2.8 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES NO NA

If yes, how many and where: _____

5. Were the seals intact, signed, and dated correctly? YES NO NA

6. Were custody papers inside cooler? YES NO NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES NO NA

Were these signed and dated correctly? YES NO NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES NO NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES NO NA

12. Did all container labels and tags agree with custody papers? YES NO NA

13a. Were VOA vials received? YES NO NA

b. Was there any observable headspace present in any VOA vial? YES NO NA

14. Was there a Trip Blank in this cooler? YES NO NA If multiple coolers, sequence # 3

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO NA

b. Did the bottle labels indicate that the correct preservatives were used YES NO NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES NO NA

18. Did you sign the custody papers in the appropriate place? YES NO NA

19. Were correct containers used for the analysis requested? YES NO NA

20. Was sufficient amount of sample sent in each container? YES NO NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO #_____

BIS = Broken in shipment

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 815 Industry Drive
City/State/Zip: Tukwila, WA 98188
ExxonMobil Territory Mgr: Tim Strawn
Consultant Project Mgr: John Meyer
Consultant Telephone Number: 206-575-6220 **Fax No.:** 206-575-6423
Sampler Name: (Print) JOHN K. MEYER
Sampler Signature:

TA Account #: 10313
Invoice To: Tim Strawn
Report To: John Meyer
PO #: 4508139499
Facility ID # 99-MPB
Site Address 2200 24th Ave East
City, State, Zip Seattle, WA 98112
Regulatory District (CA) N/A

NQF1293
06/19/07 23.59

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: BTEX by 8021B	TPH-G by NWTPH-Gx	TPH-D by NWTPH-Dx	TPH-O by NWTPH-Dx	Total Pb by 6010B	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days	Fax Results (yes or no)	Due Date of Report
SP27-11	6/8/2007		3	X			2							1					X		X	X	X	X	X		5		-01
SP28-5	6/8/2007		3	X			2							1					X		X	X	X	X			5		-02
SP28-10	6/8/2007		3	X			2							1					X		X	X	X	X			5		-03
SP28-12	6/8/2007		3	X			2							1					X		X	X	X	X	X		5		-04
SP29-5	6/8/2007		3	X			2							1					X		X	X	X	X			5		-05
SP29-10	6/8/2007		3	X			2							1					X		X	X	X	X			5		-06
SP29-12	6/8/2007		3	X			2							1					X		X	X	X	X	X		5		-07
SP30-5	6/8/2007		3	X			2							1					X		X	X	X	X			5		-08
SP30-10	6/8/2007		3	X			2							1					X		X	X	X	X			5		-09
SP30-12	6/8/2007		3	X			2							1					X		X	X	X	X	X		5		-10
SP31-5	6/8/2007		3	X			2							1					X		X	X	X	X			5		-11
SP31-9	6/8/2007		3	X			2							1					X		X	X	X	X			5		-12
SP31-12	6/8/2007		3	X			2							1					X		X	X	X	X	X		5		-13
SP32-5	6/8/2007		3	X			2							1					X		X	X	X	X			5		-14
SP32-10	6/8/2007		3	X			2							1					X		X	X	X	X			5		-15
SP32-12	6/8/2007		3	X			2							1					X		X	X	X	X	X		5		-16
SP33-5	6/8/2007		3	X			2							1					X		X	X	X	X			5		-17
SP33-10	6/8/2007		3	X			2							1					X		X	X	X	X	X		5		-18
SP34-5	6/8/2007		3	X			2							1					X		X	X	X	X			5		-19
SP34-10	6/8/2007		3	X			2							1					X		X	X	X	X			5		-20
SP34-12	6/8/2007		3	X			2							1					X		X	X	X	X	X		5		-21
SP35-6	6/8/2007		3	X			2							1					X		X	X	X	X			5		-22
SP35-10	6/8/2007		3	X			2							1					X		X	X	X	X			5		-23
SP35-11	6/8/2007		3	X			2							1					X		X	X	X	X			5		-24
SP35-15	6/8/2007		3	X			2							1					X		X	X	X	X			5		-25
SP35-18	6/8/2007		3	X			2							1					X		X	X	X	X	X		5		-26
SP36-5	6/8/2007		3	X			2							1					X		X	X	X	X			5		-27
SP36-11	6/8/2007		3	X			2							1					X		X	X	X	X			5		-28
SP36-15	6/8/2007		3	X			2							1					X		X	X	X	X			5		-29
SP36-20	6/8/2007		3	X			2							1					X		X	X	X	X	X		5		-30
SP37-6	6/8/2007		3	X			2							1					X		X	X	X	X			5		-31
SP37-11	6/8/2007		3	X			2							1					X		X	X	X	X			5		-32
SP37-20	6/8/2007		3	X			2							1					X		X	X	X	X	X		5		-33
SP38-5	6/8/2007		3	X			2							1					X		X	X	X	X			5		-34
SP38-11	6/8/2007		3	X			2							1					X		X	X	X	X			5		-35
SP38-18	6/8/2007		3	X			2							1					X		X	X	X	X			5		-36
SP38-20	6/8/2007		3	X			2							1					X		X	X	X	X	X		5		-37

Comments/Special Instructions: **ERI Project Number 31163**

5 DAY TAT please.

Relinquished by:	Date	Time	Received by:	Date	Time
	6/11/07				
Relinquished by:	Date	Time	Received by: (Lab personnel)	Date	Time
				6/12/07	7:35

Laboratory Comments:
Temperature Upon Receipt: 0.6°C
Sample Containers Intact? (Y) N
VOCs Free of Headspace? (Y) N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please at pre-schedule w/ TestAmerica Project Manager or attach specifc instructions

Leah Klingensmith

From: John K. Meyer [jmeyer@ERI-US.com]
Sent: Wednesday, June 13, 2007 4:14 PM
To: Leah Klingensmith
Subject: RE: 99-MPB NQF1293

Leah,

Yes, please do what you can to get me a concentration and make whatever note you need to on the report.

Thanks,

John

John K. Meyer, R.G., L.HG.
Branch Manager
Environmental Resolutions, Inc.
815 Industry Drive
Tukwila, WA 98188
jmeyer@eri-us.com
www.eri-us.com
206-575-6422-Office
206-510-3347-Cell
206-575-6423-Fax

From: Leah Klingensmith [mailto:lklingensmith@testamericainc.com]
Sent: Wednesday, June 13, 2007 1:37 PM
To: John K. Meyer
Subject: 99-MPB NQF1293

Hi John,
Not enough methanol volume could be pulled from either of the two methanol vials for sample SP30-10 (NQF1293-09) to run the BTEX/-Gx analysis. Would you like us to prep from the jar?

TestAmerica Analytical Testing Corporation
Leah R. Klingensmith
Project Management
Email: lklingensmith@testamericainc.com
Phone: 615-301-5038

Confidentiality Notice: The information contained in this message is intended only for the use of the addressee, and may be confidential and/or privileged. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately.html

GEO RECON INTERNATIONAL

applied geophysics

May 30, 2007
J07-792/24

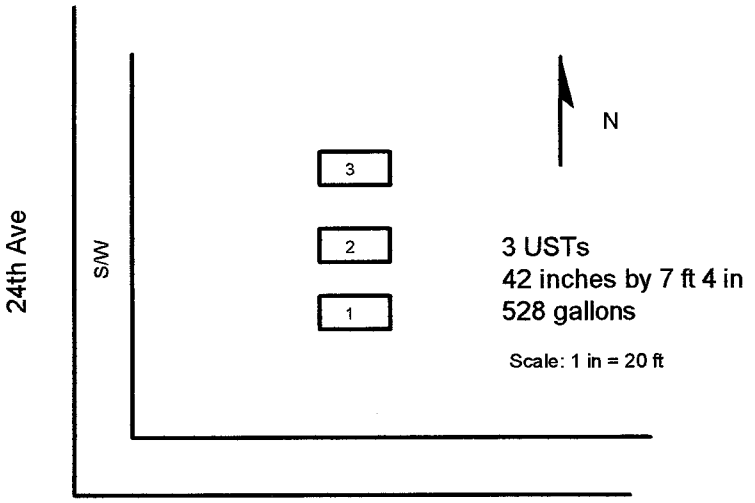
John K Meyer
Environmental Resolutions Inc
815 Industrial Drive
Tukwila, WA 98188

RE: UST Search
2200 24th Ave, Seattle, Wa

This letter reports the results of a geophysical exploration for orphan underground storage tanks (UST) at 2200 24th Ave, Seattle, Wa. The site was a former gasoline service station site over which a commercial building had been constructed. The latter structure was demolished and one UST was exposed during excavation. The work was completed on May 24. 2007.

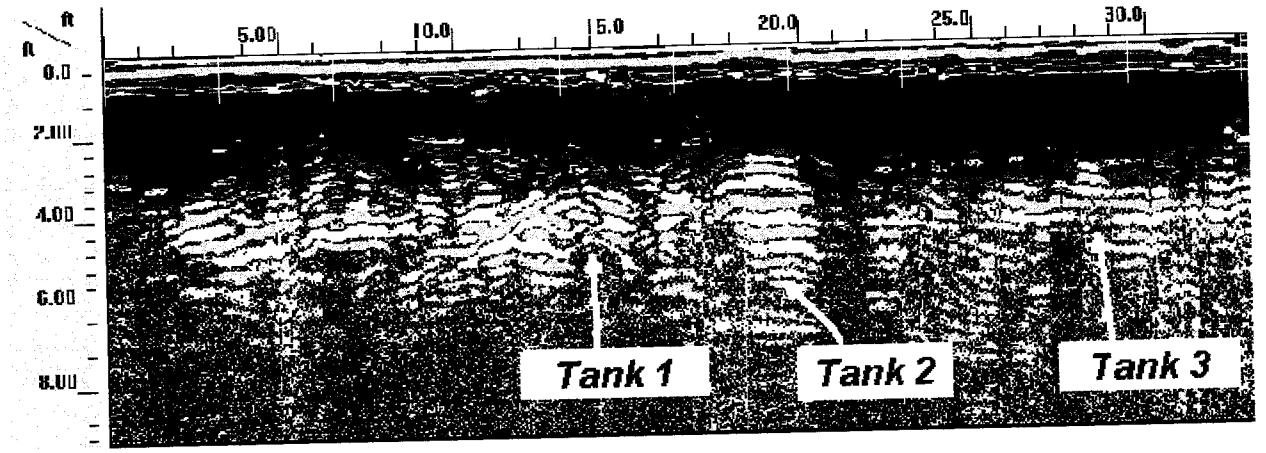
Results of the Survey

Three UST were discovered as shown below:



POB 55189, Seattle, Wa 98155 (206) 362 9484

Tanks 1 and 2 were defined by Ground Penetrating Radar (GPR) and magnetic methods. The top of Tank 3 was crushed flat by the initial excavation and was not defined by the GPR method (the top blended in with reflections from a strata layer).



The GPR line was run from south to north starting at approximately 1 foot from the edge of the sidewalk. West to east lines were run over the tops of tanks 1 and 2.

The remainder of the property was scanned with magnetic methods. Magnetic anomalies were then scanned with GPR. A line was run along the east side of the property (former alley). No evidence of a UST was found. It is noted that there may be a small tank (e.g. waste oil) still present on the property.

Methods

A Schonstedt magnetic gradiometer (Mac 51-BX) was used to scan for magnetic anomalies.

The Ground Penetrating Radar (a GSSI, SIR System 3000) utilized a 400 Mega-Hertz antenna. The GPR antenna used for this investigation transmits a 2.5 nano-second (ns) pulse at a center frequency of 400 Mega-Hertz for the selected scan rate of 16 times per second. When the signal encounters a change in electrical properties (a change in electrical permittivity), a portion of the signal energy is reflected back to the surface. The reflected signal received by the antenna, is digitally processed and recorded in the instrument consol. The character of the reflection is used to interpret the source of the reflection.

USTs are defined by hyperbolic reflectors. Isolated, tank size horizontal reflectors are noted in the field, and if found, a cross line is run across the reflector to define the continuity of the reflector, or determine if the horizontal reflection is a result of traversing a tank in the longitudinal direction.

POB 55189, Seattle, Wa 98155 (206) 362 9484

The estimated dimensions of the USTs are the vertical projections of the length and width of the UST images to the surface. There may be some error in the projections. The error arises in estimating the starting point of the hyperbolic portion of the image. The estimated capacity is based on the UST being a cylinder.

The information presented in this report is based upon geophysical measurements made by generally accepted methods and field procedures, and our interpretation of these data. The presented information is based upon our best estimate of subsurface conditions considering the geophysical results and all other information available to us. These results are interpretive in nature and are considered to be a reasonably accurate presentation of the existing conditions within the limitations of the method or methods employed.

We trust that the above is sufficient for your requirements. Please let us know if you have any questions or if we may be of further assistance.

For Geo-Recon International

John M Musser

John M Musser
Principal Geophysicist

POB 55189, Seattle, Wa 98155

(206) 362 9484

ExxonMobil

SOLD FOR SCRAP

BILL OF SALE

In consideration of $3 paid to it by Geoff Yates of Custom Backhoe & Dumptruck Service, Inc. hereinafter called "Purchaser"), the receipt of which is hereby acknowledged, Exxon Mobil Corporation, (hereinafter called "Seller"), having an office at 3700 West 190th Street, TPT-2, Torrance, California 90504 does hereby bargain, assign and sell unto Purchaser all its right, title, and interest in and to the following described goods, equipment, and fixtures:

3-550 gallon capacity steel underground storage tanks

and which are located at: Former Mobil # 99-MPB (hereinafter sometimes called "the Premises").

TO HAVE AND TO HOLD unto Purchaser, the legal representatives, successors and assigns of Purchaser, forever.

Purchaser agrees and understands that Seller is selling only such right, title or interest in said equipment as Seller may have without Seller representing or warranting the extent of Seller's right, title or interest.

Purchaser agrees to promptly pay any federal, state or local sales, use or value added tax which may be due as a result of this transfer.

This sale is made on an **"AS IS AND WHERE IS BASIS" WITHOUT WARRANTY, IMPLIED OR EXPRESSED, AS TO THE FITNESS FOR USE of the equipment sold and transferred hereunder, and WITHOUT WARRANTY OF MERCHANTABILITY.** This sale does not include the title or the right to use any of the advertising, trade names, slogans, identification trademarks, or copyrights of the Seller.

Purchaser is warned that any storage tanks included in this sale may contain explosive gases, and may have been used for the storage of gasoline containing tetraethyl lead or other antiknock compounds which have made such tanks unfit for the storage of water or any other article or commodity intended for human or animal consumption; and Purchaser expressly agrees not to use or permit the use of such tanks for said purpose.

If Purchaser intends to discard any storage tanks and piping included in this sale or to use the same as scrap, Purchaser agrees that sufficient holes will be made in the tanks to render them unfit for further use as a storage vessel. Specifically, Purchaser agrees that when a tank is gas free, it will be punctured in a random manner with a pickax, chisel, or other heavy, sharp object, or many large holes will be drilled into it; there will be a minimum of two one-inch diameter holes per quarter section of the tank.

Purchaser agrees that all tanks removed from the premises will be labeled adjacent to the fill opening in legible letters with the following information:

"TANK HAS CONTAINED FLAMMABLE LIQUIDS
NOT GAS FREE
NOT SUITABLE FOR FOOD OR DRINKING WATER"

Purchaser hereby expressly agrees and binds itself to complete such removal at its sole risk and expense within 30 days from the date hereof in a careful and workmanlike manner so as to cause no damage to the premises. Purchaser further agrees to leave the premises in clean condition free from any and all hazards associated with the tank removal.

As partial consideration for this transfer, Purchaser, by the acceptance of this Bill of Sale, releases, indemnifies and agrees to hold harmless Seller and any affiliate of ExxonMobil Oil Corporation from and against any and all existing or future claims, liability, and causes of action at law or in equity, for loss, damage or injury (including death), whether known or unknown, to any persons and property (including but not by way of limitation, Purchaser and the agents, servants, employees, invitees, licensees, contractors, representatives of Purchaser and the property of any of them) from the acquisition or use (direct or indirect) of said goods, equipment and fixtures whenever arising or occurring, whether past, present or future. Purchaser intends and understands that the aforesaid agreement to release, indemnify and hold harmless Seller is to be inclusive of but not limited to any claims based upon any theory of strict liability, negligence, breach of warranty, or any other theory of liability.

Purchaser affirms by acceptance of this Bill of Sale that he has inspected all of the goods, equipment and fixtures as described above and that he has full knowledge of the condition, repair and location of all the goods, equipment and fixtures as described above.

Seller has advised Purchaser to carefully examine the terms of this Bill of Sale before execution and Purchaser does hereby represent that he has done so.

ExxonMobil

This instrument contains the entire agreement and understanding between Purchaser and Seller and there are no oral representations, stipulations, warranties or understandings relating thereto which are not fully set forth herein. No amendment, addition to or alteration, modification or waiver of any provision of this Bill of Sale shall be of any force or effect unless in writing and signed by Purchaser and an authorized representative of Seller.

This Bill of Sale executed in duplicate originals effective as of the _____ day of _____, _____

Executed by Exxon Mobil Corporation this 31 day of May, 2007.

Exxon Mobil Corporation

Witness _____

By: Tim Strawn

Executed by **Purchaser** this 31 day of day of May, 2007.

Witness _____

By: _____

Purchaser Custom Backhoe & Dumptruck Service Inc.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 0002680CESQG
2. Page 1 of: 1
3. Emergency Response Phone: (800) 766-4248
4. Manifest Tracking Number: 001321236 JJK

GENERATOR

5. Generator's Name and Mailing Address:
EXXON MOBIL OIL CORPORATION
3700 WEST 190TH STREET, TPT-2
TORRANCE, CA 90504
Contact:
Generator's Phone:

Generator's Site Address (if different than mailing address):
EXXON MOBIL - MONTLAKE SITE
2200 24TH AVENUE EAST
SEATTLE, WA. 98112
Contact:

6. Transporter 1 Company Name: NRC ENVIRONMENTAL - (SEATTLE, WA.) (206) 546-7150
U.S. EPA ID Number: WAH000004549

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address:
ROMIC ENVIRONMENTAL TECHNOLOGIES CORPORATION/AES
2081 Bay Road
East Palo Alto, CA 94303-1316
(650) 324-1638
Facility's Phone:
U.S. EPA ID Number: CAD009452657

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE, LIQUID (OIL, WATER)	1	TT	1164	G	133
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1: PH#: 377289 SG: 0.900000

WO#: 72082151

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: John Mosk on Behalf of Exxon Mobil
Signature:
Month: 5 Day: 31 Year: 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ron axL Brewer - Broadway
Signature:
Month: 5 Day: 31 Year: 07

Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Off Loaded 708g per Generator Aug 7, 6/4/07

18b. Alternate Facility (or Generator) Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Andy Lang Ref#:111724
Signature:
Month: 06 Day: 04 Year: 07

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

ROMIC
ENVIRONMENTAL
TECHNOLOGIES CORP.

Automotive
Environmental
Services

Certificate of Treatment/Disposal

Romic Environmental Technologies certifies that the items associated with the shipment identified by Manifest # 001321236 for Generator EPA number CAD268026656 and received on 6 14 07 have been processed as described below in accordance with 40 CFR, 264/265.

Line Item No.	HW Report Management Method Codes
9-1	H141

ALLIED WASTE SERVICES

CERTIFICATE OF DISPOSAL

June 18, 2007

ExxonMobil
Attn: Waste Department

Bill of Lading: 07-1166 (See Attached)

This is to certify that 90.680 tons of Petroleum Contaminated Soil as defined on the above referenced Bill of Lading was shipped by ERI. Seattle, WA. and received by Regional Disposal Company. The waste was shipped by rail to Roosevelt Regional Landfill, 500 Roosevelt Grade Road, Roosevelt WA 98356 for final disposal. The above-described **NON-DANGEROUS WASTE** was managed in compliance with all Permits and Laws Regulating this Facility.

Final Disposition: **Subtitle D and WAC 173-351 MSW Landfill**

Joann K Zahl
Signature

For Regional Disposal Company

54 S. Dawson Street
Seattle, WA 98134
206.332.7700 / FAX 206.764.1234
www.rabanco.com

Jun 18 2007 6:51AM HP LASERJET 3200

DEPARTMENT OF ECOLOGY State of Washington

Underground Storage Tank System Summary

UST ID: 403305

Site Name: MOBIL STATION 99-MPB

Glossary

UST ID:	403305	**Facility/Site ID:**	24792884	**Latitude:**	47.63896	**Active Tag(s):**	N/A
Address:	2200 24TH AVE E SEATTLE, WA 98112			**Longitude:**	-122.30156	**Responsible Unit:**	Northwest
				County:	King		

Tank Summary

Tank Name	Tank Status	Tank Install Date
4	Removed	1/1/1964
1	Removed	1/1/1900
2	Removed	1/1/1900
3	Removed	1/1/1900

Tank Name: 4 — Tank Status: Removed

Tank Installation:	1/1/1964	**Tank Upgrade:**		**Business License Endorsement Expiration:**	
Tank Status Date:	6/19/2001	**Piping Installation:**		**Tank Permanently Closed Date:**	

Tank Information		Piping Information	
Material:		**Material:**	
Construction:		**Construction:**	
Corrosion Protection:		**Corrosion Protection:**	
Manifolded Tank:		**SFC* at Tank:**	
Release Detection:		**SFC* at Dispenser/Pump:**	
Tank Manufacturer:		**Primary Release Detection:**	
Spill Prevention:		**Secondary Release Detection:**	
Overfill Prevention:		**Pumping System:**	
Actual Capacity:		**Piping Manufacturer:**	
Capacity Range:		*SFC = Steel Flex Connector	

Compartment	Substance Stored	Substance Used	Capacity

Tank Name:	1		Tank Status:	Removed
Tank Installation:	1/1/1900	Tank Upgrade:	Business License Endorsement Expiration:	
Tank Status Date:	6/19/2001	Piping Installation:	Tank Permanently Closed Date:	

Tank Information		Piping Information	
Material:		Material:	
Construction:		Construction:	
Corrosion Protection:		Corrosion Protection:	
Manifolded Tank:		SFC* at Tank:	
Release Detection:		SFC* at Dispenser/Pump:	
Tank Manufacturer:		Primary Release Detection:	
Spill Prevention:		Secondary Release Detection:	
Overfill Prevention:		Pumping System:	
Actual Capacity:		Piping Manufacturer:	
Capacity Range:		*SFC = Steel Flex Connector	

Compartment	Substance Stored	Substance Used	Capacity

Tank Name:	2		Tank Status:	Removed
Tank Installation:	1/1/1900	Tank Upgrade:	Business License Endorsement Expiration:	
Tank Status Date:	6/19/2001	Piping Installation:	Tank Permanently Closed Date:	

Tank Information		Piping Information	
Material:		Material:	
Construction:		Construction:	
Corrosion Protection:		Corrosion Protection:	
Manifolded Tank:		SFC* at Tank:	
Release Detection:		SFC* at Dispenser/Pump:	
Tank Manufacturer:		Primary Release Detection:	
Spill Prevention:		Secondary Release Detection:	
Overfill Prevention:		Pumping System:	
Actual Capacity:		Piping Manufacturer:	
Capacity Range:		*SFC = Steel Flex Connector	

Compartment	Substance Stored	Substance Used	Capacity

Underground Storage Tank System Summary

UST ID: 403305

Tank Name: 3			**Tank Status:** Removed
Tank Installation:	1/1/1900	**Tank Upgrade:**	**Business License Endorsement Expiration:**
Tank Status Date:	6/19/2001	**Piping Installation:**	**Tank Permanently Closed Date:**

Tank Information		**Piping Information**	
Material:		**Material:**	
Construction:		**Construction:**	
Corrosion Protection:		**Corrosion Protection:**	
Manifolded Tank:		**SFC* at Tank:**	
Release Detection:		**SFC* at Dispenser/Pump:**	
Tank Manufacturer:		**Primary Release Detection:**	
Spill Prevention:		**Secondary Release Detection:**	
Overfill Prevention:		**Pumping System:**	
Actual Capacity:		**Piping Manufacturer:**	
Capacity Range:		*SFC = Steel Flex Connector	

Compartment	**Substance Stored**	**Substance Used**	**Capacity**

Appendix C

Laboratory Reports and Summary Tables

Table C1: Soil Analytical Data

Boring Number	Sample Number	Depth (feet)	Sample Date	Field Screening			Analytical Result (mg/kg)								
							Chlorinated Solvents						Fuels		
				Odor	Staining	PID (ppm)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride (VC)	Gasoline	Diesel	Oil
B1	B1-5	5	3/31/2022	none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	<10	<50	<250
	B1-10	10		none	none	0	**0.14**	<0.02	<0.03	<0.03	<0.05	<0.02	<10	<50	<250
	B1-15	15		none	none	0	**0.35**	<0.02	<0.03	<0.03	<0.05	<0.02	<10	<50	<250
B2	B2-5	5		none	none	0	**0.18**	<0.02	<0.03	<0.03	<0.05	<0.02	<10	<50	<250
	B2-10	10		none	none	0	**0.06**	<0.02	<0.03	<0.03	<0.05	<0.02	<10	<50	<250
	B2-13	13		none	none	0	**0.28**	<0.02	<0.03	<0.03	<0.05	<0.02	<10	<50	<250
B3	B3-3	3		none	none	0	**0.05**	<0.02	<0.03	<0.03	<0.05	<0.02	<10	<50	<250
	B3-10	10		none	none	0	**0.13**	<0.02	<0.03	<0.03	<0.05	<0.02	<10	<50	<250
	B3-15	15		none	none	0	**0.33**	<0.02	<0.03	<0.03	<0.05	<0.02	<10	<50	<250
B4	B4-5	5		none	none	0	**0.04**	<0.02	<0.03	<0.03	<0.05	<0.02	<10	<50	<250
	B4-10	10		none	none	0	**0.17**	<0.02	<0.03	<0.03	<0.05	<0.02	<10	<50	<250
	B4-15	15		none	none	0	**1.26**	<0.02	<0.03	<0.03	<0.05	<0.02	<10	<50	<250
MW-1	MW1-5	5	2/14/2023	none	none	0	**0.03**	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW1-10	10		none	none	0	**0.04**	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW1-15	15		none	none	0	**0.08**	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW1-20	20		none	none	0	0.02 J	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW1-30	30		none	none	0	**0.04**	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW1-40	40		none	none	0	**0.05**	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
MW-2	MW2-5	5	2/15/2023	none	none	0	0.03 J	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW2-10	10		none	none	0	**0.05**	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW2-15	15		none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW2-20	20		none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW2-25	25		none	none	0	**0.03**	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW2-35	35		none	none	0	**0.03**	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW2-45	45		none	none	0	**0.03**	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
MW-3	MW3-5	5	2/16/2023	none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW3-10	10		none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW3-15	15		none	none	0	**0.08**	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW3-20	20		none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW3-25	25		none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW3-30	30		none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
MW-4	NW4-5	5		none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW4-10	10		none	none	0	**0.03**	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	NW4-15	15		none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW4-20	20		none	none	0	**0.05**	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	NW4-25	25		none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW4-30	30		none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
MW-5	MW5-5	5	2/17/2023	none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW5-10	10		none	none	0	0.03 J	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW5-15	15		none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW5-20	20		none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW5-25	25		none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
	MW5-30	30		none	none	0	<0.03	<0.02	<0.03	<0.03	<0.05	<0.02	-	-	-
MTCA Method A*							**0.05**	**0.03**	-	-	-	-	**100****	**2,000**	**2,000**
MTCA Method B (Non-Cancer)							**480**	**40**	**160**	**1,600**	**4,000**	**240**	-	-	-
MTCA Method B (Cancer)							**480**	**12**	-	-	-	**0.67**	-	-	-

*MTCA Method A soil cleanup level for unrestricted land uses

** MTCA Method A soil cleanup level (no detectable benzene)

"-" indicates not applicable or not tested

Values with a "J" flag indicate the value is considered by the laboratory as an estimate (the value exceeds the MDL but is below the PQL)

Bolded values indicate concentrations above practical quanitation limit (PQL)

Red values indicate concentrations above the applicable MTCA Method A soil cleanup level

Table C2: Groundwater Analytical Data

Boring/Well Number	Sample Number	Sample Date	Analytical Result (ug/L)								
			Chlorinated Solvents						Fuels		
			Tetrachloroethene (PCE)	Trichloroethene (TCE)	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride (VC)	Gasoline	Diesel	Oil
B1	B1-W	3/31/2022	**200**	**2.6**	<1	<1	<0.5	<0.2	<100	<200	<400
B2	B2-W		**29**	<0.4	<1	<1	<0.5	<0.2	<100	<200	<400
B3	B3-W		**140**	<0.4	<1	<1	<0.5	<0.2	<100	<200	<400
B4	B4-W		**7.3**	<0.4	<1	<1	<0.5	<0.2	<100	<200	<400
MW-1	MW-1	2/23/2023	**39**	**0.45**	<1	<1	<0.5	<0.2	-	-	-
MW-2	MW-2		**130**	**0.63**	<1	<1	<0.5	<0.2	-	-	-
MW-3	MW-3		**32**	<0.4	<1	<1	<0.5	<0.2	-	-	-
MW-4	MW-4		**32**	<0.4	<1	<1	<0.5	<0.2	-	-	-
MW-5	MW-5		**97**	<0.4	<1	<1	<0.5	<0.2	-	-	-
MTCA Method A*			**5**	**5**	-	-	-	**0.2**	**100****	**500**	**500**
MTCA Method B (Non-Cancer)			**48**	**4**	**16**	**160**	**400**	**24**	-	-	-
MTCA Method B (Cancer)			**21**	**0.54**	-	-	-	**0.03**	-	-	-

*MTCA Method A groundwater cleanup level

** MTCA Method A groundwater cleanup level (no detectable benzene)

"-" indicates not applicable or not tested

Bolded values indicate concentrations above practical quanitation limit (PQL)

Red values indicate concentrations above the applicable MTCA Method A groundwater cleanup level

Libby Environmental, Inc.
3322 South Bay Road NE • Olympia, WA 98506-2957

April 6, 2022

John Hildenbrand
Robinson Noble
2105 South C Street
Tacoma, WA 98402

Dear Mr. Hildenbrand:

Please find enclosed the analytical data report for the 2300 24th Ave E. Seattle Phase II Project located in Seattle, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@gmail.com

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 4/1/2022 Page: 1 of 1

Client: Robinson Noble
Project Manager: John Hildenbrand
Address: 2105 South C Street
Project Name: 2300 24th Ave E, Seattle Phase II
City: Tacoma State: WA Zip: 98402
Location: 2300 24th Ave E City, State: Seattle, WA
Phone: 253-475-7711 Fax:
Collector: ATB Date of Collection: 3/31/2022
Client Project # 3551-002B
Email: jhildenbrand@robinson-noble.com

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	PCE + daughters		Field Notes
1	B1-5	5	10:19	soil	2 40ml jar		X				X									
2	B1-10	10	10:25	soil																
3	B1-15	15	10:30	soil																
4	B2-5	5	11:28																	
5	B2-10	10	11:38																	
6	B2-13	13	11:41																	
7	B3-3	3	12:25																	
8	B3-10	10	12:30																	
9	B3-15	15	12:35																	
10	B4-5	5	12:50																	
11	B4-10	10	12:58																	
12	B4-15	15	1:06																	
13	B1-W	15	10:45	water	3 40ml vials															
14	B2-W	15	11:50																	
15	B3-W	15	1:38																	
16	B4-W	15	2:00																	
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	4/1/2022 1:55	[signature]	4/1/22 1355
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

	Y	N
Good Condition?		
Cooler Temp.	4.2	°C
Sample Temp.	4.2	°C
Total Number of Containers		

Remarks:

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a cout of law.*

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

2300 24TH AVE E, SEATTLE PHASE II PROJECT
Robinson Noble
Seattle Washington
Libby Project # L22D005
Client Project # 3551-002B

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	B1-5	B1-5 Dup	B1-10	B1-15	B2-5
Date Sampled		N/A	3/31/2022	3/31/2022	3/31/2022	3/31/2022	3/31/2022
Date Analyzed	PQL	4/3/2022	4/3/2022	4/3/2022	4/3/2022	4/3/2022	4/3/2022
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl Chloride (VC)	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	0.14	0.35	0.18
Surrogate Recovery							
Dibromofluoromethane		80	84	78	72	73	79
1,2-Dichloroethane-d4		84	89	85	77	77	88
Toluene-d8		91	93	98	94	92	93
4-Bromofluorobenzene		84	99	112	113	93	84

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

2300 24TH AVE E, SEATTLE PHASE II PROJECT
Robinson Noble
Seattle Washington
Libby Project # L22D005
Client Project # 3551-002B

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B2-10	B2-13	B3-3	B3-10	B3-15	B4-5
Date Sampled		3/31/2022	3/31/2022	3/31/2022	3/31/2022	3/31/2022	3/31/2022
Date Analyzed	PQL (mg/kg)	4/3/2022 (mg/kg)	4/3/2022 (mg/kg)	4/3/2022 (mg/kg)	4/3/2022 (mg/kg)	4/3/2022 (mg/kg)	4/3/2022 (mg/kg)
Vinyl Chloride (VC)	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	0.059	0.28	0.051	0.13	0.33	0.044
Surrogate Recovery							
Dibromofluoromethane		108	89	87	92	107	85
1,2-Dichloroethane-d4		90	92	91	109	88	92
Toluene-d8		92	92	93	85	95	91
4-Bromofluorobenzene		92	90	100	100	102	116

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

2300 24TH AVE E, SEATTLE PHASE II PROJECT
Robinson Noble
Seattle Washington
Libby Project # L22D005
Client Project # 3551-002B

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		B4-10	B4-10 Dup	B4-15
Date Sampled		1/0/1900	3/31/2022	3/31/2022
Date Analyzed	PQL	4/3/2022	4/3/2022	4/3/2022
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl Chloride (VC)	0.02	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd
Tetrachloroethene (PCE)	0.03	0.17	0.047	1.26
Surrogate Recovery				
Dibromofluoromethane		83	81	79
1,2-Dichloroethane-d4		87	85	92
Toluene-d8		93	92	96
4-Bromofluorobenzene		119	107	116

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

2300 24TH AVE E, SEATTLE PHASE II PROJECT
Robinson Noble
Seattle Washington
Libby Project # L22D005
Client Project # 3551-002B

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: B1-5

Date Analyzed: 4/3/2022

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl Chloride (VC)	0.25	0.25	0.25	99	101	1.6	65-135	
1,1-Dichloroethene	0.25	0.24	0.24	95	96	0.4	65-135	
trans-1,2-Dichloroethene	0.25	0.22	0.22	87	90	2.7	65-135	
cis -1,2-Dichloroethene	0.25	0.24	0.23	95	91	4.3	65-135	
Trichloroethene (TCE)	0.25	0.25	0.28	98	114	14.7	65-135	
Tetrachloroethene (PCE)	0.25	0.24	0.27	94	108	13.8	65-135	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	83	82	65-135
1,2-Dichloroethane-d4	90	88	65-135
Toluene-d8	95	105	65-135
4-Bromofluorobenzene	123	111	65-135

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

2300 24TH AVE E, SEATTLE PHASE II PROJECT
Robinson Noble
Seattle Washington
Libby Project # L22D005
Client Project # 3551-002B

Laboratory Control Sample

Date Analyzed: 4/3/2022

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl Chloride (VC)	0.25	0.26	103	80-120	
1,1-Dichloroethene	0.25	0.24	95	80-120	
trans-1,2-Dichloroethene	0.25	0.22	89	80-120	
cis -1,2-Dichloroethene	0.25	0.22	86	80-120	
Trichloroethene (TCE)	0.25	0.28	112	80-120	
Tetrachloroethene (PCE)	0.25	0.29	115	80-120	
Surrogate Recovery					
Dibromofluoromethane			79	65-135	
1,2-Dichloroethane-d4			85	65-135	
Toluene-d8			95	65-135	
4-Bromofluorobenzene			95	65-135	

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

2300 24TH AVE E, SEATTLE PHASE II PROJECT
Robinson Noble
Seattle Washington
Libby Project # L22D005
Client Project # 3551-002B

Volatile Organic Compounds by EPA Method 8260D in Water

Sample Description		Method Blank	B1-W	B2-W	B3-W	B4-W	B4-W Dup
Date Sampled		N/A	3/31/2022	3/31/2022	3/31/2022	3/31/2022	3/31/2022
Date Analyzed	PQL (µg/L)	4/3/2022 (µg/L)	4/3/2022 (µg/L)	4/3/2022 (µg/L)	4/3/2022 (µg/L)	4/3/2022 (µg/L)	4/3/2022 (µg/L)
Vinyl Chloride (VC)	0.2	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.5	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.4	nd	2.6	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	200	29	140	7.3	7.3
Surrogate Recovery							
Dibromofluoromethane		120	85	85	88	90	122
1,2-Dichloroethane-d4		103	88	89	92	93	98
Toluene-d8		87	93	94	91	93	90
4-Bromofluorobenzene		78	113	99	80	83	80

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

2300 24TH AVE E, SEATTLE PHASE II PROJECT
Robinson Noble
Seattle Washington
Libby Project # L22D005
Client Project # 3551-002B

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Water

Matrix Spike Sample Identification: B4-W

Date Analyzed: 4/4/2022

	Spiked Conc. (µg/L)	MS Response (µg/L)	MSD Response (µg/L)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Limits Recovery (%)	Data Flag
Vinyl Chloride (VC)	5.0	5.6	5.4	112	108	3.6	65-135	
1,1-Dichloroethene	5.0	4.6	5.1	92	102	10.3	65-135	
trans-1,2-Dichloroethene	5.0	4.3	5.1	87	101	15.1	65-135	
cis-1,2-Dichloroethene	5.0	4.7	5.2	94	105	10.4	65-135	
Trichloroethene (TCE)	5.0	5.0	5.3	100	106	6.2	65-135	
Tetrachloroethene (PCE)	5.0	7.3	5.4	146	108	29.9	65-135	R

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	100	122	65-135
1,2-Dichloroethane-d4	112	102	65-135
Toluene-d8	77	97	65-135
4-Bromofluorobenzene	115	115	65-135

ACCEPTABLE RPD IS 35%
"R" High relative percent difference observed.

ANALYSES PERFORMED BY: Paul Burke

Laboratory Control Sample

Date Analyzed: 4/4/2022

	Spiked Conc. (µg/L)	LCS Response (µg/L)	LCS Recovery (%)	LCS Recovery Limits (%)	Data Flag
Vinyl Chloride (VC)	5.0	5.5	110	80-120	
1,1-Dichloroethene	5.0	5.0	100	80-120	
trans-1,2-Dichloroethene	5.0	4.9	98	80-120	
cis-1,2-Dichloroethene	5.0	5.1	102	80-120	
Trichloroethene (TCE)	5.0	5.4	108	80-120	
Tetrachloroethene (PCE)	5.0	5.4	109	80-120	

Surrogate Recovery			
Dibromofluoromethane	123	65-135	
1,2-Dichloroethane-d4	103	65-135	
Toluene-d8	93	65-135	
4-Bromofluorobenzene	92	65-135	

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

2300 24TH AVE E, SEATTLE PHASE II PROJECT
Robinson Noble
Seattle Washington
Libby Project # L22D005
Client Project # 3551-002B

Analyses of Gasoline (NWTPH-Gx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)
Method Blank	4/3/2022	91	nd
Method Blank	4/5/2022	80	nd
B1-5	4/3/2022	84	nd
B1-5 Dup	4/5/2022	98	nd
B1-10	4/3/2022	88	nd
B1-15	4/3/2022	85	nd
B2-5	4/3/2022	84	nd
B2-10	4/3/2022	83	nd
B2-13	4/3/2022	83	nd
B3-3	4/3/2022	83	nd
B3-10	4/3/2022	77	nd
B3-15	4/3/2022	86	nd
B4-5	4/3/2022	82	nd
B4-10	4/3/2022	84	nd
B4-10 Dup	4/3/2022	82	nd
B4-15	4/5/2022	49 S	nd
Practical Quantitation Limit			10

"nd" Indicates not detected at the listed detection limits.
"S" Spike compound recovery is outside acceptance limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

2300 24TH AVE E, SEATTLE PHASE II PROJECT
Robinson Noble
Seattle Washington
Libby Project # L22D005
Client Project # 3551-002B

Analyses of Gasoline (NWTPH-Gx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (µg/L)
Method Blank	4/3/2022	87	nd
Method Blank	4/4/2022	80	nd
B1-W	4/4/2022	86	nd
B2-W	4/4/2022	84	nd
B3-W	4/3/2022	91	nd
B4-W	4/3/2022	93	nd
B4-W Dup	4/3/2022	90	nd
Practical Quantitation Limit			100

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

2300 24TH AVE E, SEATTLE PHASE II PROJECT
Robinson Noble
Seattle Washington
Libby Project # L22D005
Client Project # 3551-002B

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)
Method Blank	4/4/2022	75	nd	nd
B1-5	4/4/2022	74	nd	nd
B1-5 Dup	4/4/2022	73	nd	nd
B1-10	4/4/2022	106	nd	nd
B1-15	4/4/2022	109	nd	nd
B2-5	4/4/2022	115	nd	nd
B2-10	4/4/2022	108	nd	nd
B2-13	4/4/2022	75	nd	nd
B3-3	4/4/2022	110	nd	nd
B3-10	4/4/2022	102	nd	nd
B3-15	4/4/2022	71	nd	nd
B4-5	4/4/2022	102	nd	nd
B4-10	4/4/2022	107	nd	nd
B4-10 Dup	4/4/2022	108	nd	nd
B4-15	4/4/2022	81	nd	nd
Practical Quantitation Limit			50	250

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 65% TO 135%

ANALYSES PERFORMED BY: Alex Randolph

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

2300 24TH AVE E, SEATTLE PHASE II PROJECT
Robinson Noble
Seattle Washington
Libby Project # L22D005
Client Project # 3551-002B

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (µg/L)	Oil (µg/L)
Method Blank	4/5/2022	58	nd	nd
B1-W	4/5/2022	46	nd	nd
B2-W	4/5/2022	57	nd	nd
B3-W	4/5/2022	38	nd	nd
B4-W	4/5/2022	81	nd	nd
Practical Quantitation Limit			200	400

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (2-F Biphenyl): 42% TO 150%

ANALYSES PERFORMED BY: Randolph Kraus

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

2300 24TH AVE E, SEATTLE PHASE II PROJECT
Robinson Noble
Libby Project # L22D005
Date Received 4/1/22 13:55

Received By MH

Sample Receipt Checklist

Chain of Custody

1. Is the Chain of Custody complete?	☑ Yes	☐ No	
2. How was the sample delivered?	☐ Hand Delivered	☑ Picked Up	☐ Shipped

Log In

3. Cooler or Shipping Container is present.	☑ Yes	☐ No	☐ N/A
4. Cooler or Shipping Container is in good condition.	☑ Yes	☐ No	☐ N/A
5. Cooler or Shipping Container has Custody Seals present.	☐ Yes	☑ No	☐ N/A
6. Was an attempt made to cool the samples?	☑ Yes	☐ No	☐ N/A
7. Temperature of cooler (0°C to 8°C recommended)	4.2 °C		
8. Temperature of sample(s) (0°C to 8°C recommended)	4.2 °C		
9. Did all containers arrive in good condition (unbroken)?	☑ Yes	☐ No	
10. Is it clear what analyses were requested?	☑ Yes	☐ No	
11. Did container labels match Chain of Custody?	☑ Yes	☐ No	
12. Are matrices correctly identified on Chain of Custody?	☑ Yes	☐ No	
13. Are correct containers used for the analysis indicated?	☑ Yes	☐ No	
14. Is there sufficient sample volume for indicated analysis?	☑ Yes	☐ No	
15. Were all containers properly preserved per each analysis?	☑ Yes	☐ No	
16. Were VOA vials collected correctly (no headspace)?	☑ Yes	☐ No	☐ N/A
17. Were all holding times able to be met?	☑ Yes	☐ No	

Discrepancies/ Notes

18. Was client notified of all discrepancies? ☐ Yes ☐ No ☑ N/A

Person Notified: _____ Date: _____

By Whom: _____ Via: _____

Regarding: _____

19. Comments. _____

Libby Environmental, Inc.
3322 South Bay Road NE • Olympia, WA 98506-2957

February 17, 2023

John Hildenbrand
Robinson Noble
2105 South C Street
Tacoma, WA 98402

Dear John Hildenbrand:

Please find enclosed the analytical data report for the Ron Danz project located in Seattle, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@gmail.com

L23B063

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 2/14/2023 Page: 1 of 2

Client: ROBINSON NOBLE
Project Manager: JOHN HILDENBRAND / Max Wills
Address: 2105 SOUTH C STREET
Project Name: RON DANZ
City: TACOMA State: WA Zip: 98402
Location: 2308 24th AVE E City, State: SEATTLE, WA
Phone: (206) 550-7215 Fax:
Collector: MAX WILLS Date of Collection: 2/13/23
Client Project # 3551-002C
Email: MWILLS@ROBINSON-NOBLE.COM

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	PCE+DAUGHTERS		Field Notes
1	MW1-5	5	1000	SOIL	VOA/4oz												X			
2	MW1-10	10	1010														X			
3	MW1-15	15	1015														X			
4	MW1-20	20	1025														X			
5	MW1-30	30	1050														X			
6	MW1-40	40	1125														X			
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	2/15/23 1000	[signature] 2/15/23	1000
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:
* STD TURN
* EIM

ML

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.*

Distribution: White - Lab, Yellow - File, Pink - Originator

L2301063

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Client: ROBINSON NOBLE
Address: 2105 SOUTH C STREET
City: TACOMA State: WA Zip: 98402
Phone: (206)550-7215 Fax:
Client Project # 3551-002C

Date: 2/15/2023 Page: 1 of 2
Project Manager: JOHN HILDENBRAND/Max Wills
Project Name: RON DANZ
Location: 2308 24th AVE E City, State: SEATTLE WA
Collector: MAX WILLS Date of Collection: 2/15/23
Email: MWILLS@ROBINSON-NOBLE.COM

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	RCRA + DAY METALS		Field Notes
1	MW2-5	5	0850	SOIL	VOA/402												X			
2	MW2-10	10	900														X			
3	MW2-15	15	910														X			
4	MW2-20	20	920														X			
5	MW2-25	25	930														X			
6	MW2-35	35	1000														X			
7	MW2-45	45	1020														X			
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	2/15/23 1037	[signature]	2/15/23 1037
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks: *STD TURN
*E15
ML

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay. Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a cout of law.*

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

RON DANZ PROJECT
Robinson Noble
Seattle, Washington
Libby Project # L23B063
Client Project # 3551-002C

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	MW1-5	MW1-10	MW1-15	MW1-20	MW1-30
Date Sampled		N/A	2/14/2023	2/14/2023	2/14/2023	2/14/2023	2/14/2023
Date Analyzed	PQL (mg/kg)	2/15/2023 (mg/kg)	2/15/2023 (mg/kg)	2/15/2023 (mg/kg)	2/15/2023 (mg/kg)	2/15/2023 (mg/kg)	2/15/2023 (mg/kg)
Vinyl Chloride (VC)	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	0.030	0.039	0.082	0.024 J	0.039
Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	119	141	136	140	151	136
1,2-Dichloroethane-d4	17-212	115	149	138	154	154	133
Toluene-d8	41-142	98	91	97	101	94	97
4-Bromofluorobenzene	47-167	85	80	84	91	85	80

"nd" Indicates not detected at listed detection limit.
"J" Result is less than the PQL but greater than the MDL. Reported value is approximate.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

RON DANZ PROJECT
Robinson Noble
Seattle, Washington
Libby Project # L23B063
Client Project # 3551-002C

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		MW1-30 Dup	MW1-40	MW2-5	MW2-10	MW2-15	MW2-20
Date Sampled		2/14/2023	2/14/2023	2/15/2023	2/15/2023	2/15/2023	2/15/2023
Date Analyzed	PQL (mg/kg)	2/15/2023 (mg/kg)	2/15/2023 (mg/kg)	2/15/2023 (mg/kg)	2/15/2023 (mg/kg)	2/15/2023 (mg/kg)	2/15/2023 (mg/kg)
Vinyl Chloride (VC)	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	0.043	0.054	0.028 J	0.051	nd	nd
Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	137	143	145	133	135	138
1,2-Dichloroethane-d4	17-212	154	152	148	108	146	151
Toluene-d8	41-142	100	98	92	91	90	89
4-Bromofluorobenzene	47-167	82	79	90	83	94	91

"nd" Indicates not detected at listed detection limit.
"J" Result is less than the PQL but greater than the MDL. Reported value is approximate.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

RON DANZ PROJECT
Robinson Noble
Seattle, Washington
Libby Project # L23B063
Client Project # 3551-002C

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		MW2-25	MW2-35	MW2-35 Dup	MW2-45
Date Sampled		2/15/2023	2/15/2023	2/15/2023	2/15/2023
Date Analyzed	PQL (mg/kg)	2/15/2023 (mg/kg)	2/15/2023 (mg/kg)	2/15/2023 (mg/kg)	2/15/2023 (mg/kg)
Vinyl Chloride (VC)	0.02	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	0.033	0.033	0.024 J	0.034
Surrogate Recovery	Acceptable Limits (%)				
Dibromofluoromethane	27-188	139	142	142	144
1,2-Dichloroethane-d4	17-212	149	153	149	155
Toluene-d8	41-142	92	92	92	94
4-Bromofluorobenzene	47-167	84	84	83	86

"nd" Indicates not detected at listed detection limit.
"J" Result is less than the PQL but greater than the MDL. Reported value is approximate.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

RON DANZ PROJECT
Robinson Noble
Seattle, Washington
Libby Project # L23B063
Client Project # 3551-002C

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: MW1-30
Date Analyzed: 2/15/2023

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.22	0.24	86	98	12.6	10-208	
1,1-Dichloroethene	0.25	0.34	0.29	136	118	14.8	50-187	
trans-1,2-Dichloroethene	0.25	0.26	0.26	104	106	1.1	38-175	
cis-1,2-Dichloroethene	0.25	0.21	0.21	83	82	1.0	33-166	
Trichloroethene (TCE)	0.25	0.27	0.27	106	106	0.4	71-126	
Tetrachloroethene (PCE)	0.25	0.33	0.30	131	122	7.3	45-166	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	139	139	27-188
1,2-Dichloroethane-d4	142	151	17-212
Toluene-d8	102	102	41-142
4-Bromofluorobenzene	100	100	47-167

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Laboratory Control Sample

Date Analyzed: 2/15/2023

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.25	101	15-226	
1,1-Dichloroethene	0.25	0.37	150	38-193	
trans-1,2-Dichloroethene	0.25	0.25	100	53-156	
cis-1,2-Dichloroethene	0.25	0.23	90	10-219	
Trichloroethene (TCE)	0.25	0.28	112	67-121	
Tetrachloroethene (PCE)	0.25	0.31	123	46-159	

Surrogate Recovery		
Dibromofluoromethane	121	27-188
1,2-Dichloroethane-d4	119	17-212
Toluene-d8	97	41-142
4-Bromofluorobenzene	106	47-167

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.
3322 South Bay Road NE • Olympia, WA 98506-2957

February 17, 2023

John Hildenbrand
Robinson Noble
2105 South C Street
Tacoma, WA 98402

Dear John Hildenbrand:

Please find enclosed the analytical data report for the Ron Danz project located in Seattle, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@gmail.com

Libby Environmental, Inc. L23B070

Chain of Custody Record

www.LibbyEnvironmental.com

3322 South Bay Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 2/16/2023 Page: 1 of 1

Client: ROBINSON NOBLE
Project Manager: JOHN HILDENBRAND
Address: 2105 SOUTH C STREET
Project Name: RON DANZ
City: TACOMA State: WA Zip: 98402
Location: 2308 34th AVE E City, State: SEATTLE WA
Phone: (206) 550-7215 Fax:
Collector: MAX WILLS Date of Collection: 2/16/23
Client Project # 3551-002C
Email: MWILLS@ROBINSON-NOBLE.COM

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	PCE + DAUGHTERS		Field Notes
1	MW4-5	5	0950	SOIL	VOA/402												X			
2	MW4-10	10	0955														X			
3	MW4-15	15	1000														X			
4	MW4-20	20	1010														X			
5	MW4-25	25	1025														X			
6	MW4-30	30	1040														X			
7	MW3-5	5	12:30														X			
8	MW3-10	10	12:35														X			
9	MW3-15	15	12:40														X			
10	MW3-20	20	12:50														X			
11	MW3-25	25	13:05														X			
12	MW3-30	30	13:23														X			
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
Nancy E. Correa-Garcia	2/16/23 13:35		
Relinquished by:	Date / Time	Received by:	Date / Time
		2/16/23	1334
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	Y	N
Cooler Temp.		°C
Sample Temp.		°C
Total Number of Containers		

Remarks:
*EIM
*STD TAT

TAT: 24HR 48HR 5-DAY

LEGAL ACTION CLAUSE: *In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a cout of law.*

Distribution: White - Lab, Yellow - File, Pink - Originator

ngarcia-Serrates@robinson-noble.com

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

RON DANZ PROJECT
Robinson Noble
Seattle, Washington
Libby Project # L23B070
Client Project # 3551-002C

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	MW4-5	MW4-10	MW4-15	MW4-15 Dup	MW4-20
Date Sampled		N/A	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023
Date Analyzed	PQL (mg/kg)	2/16/2023 (mg/kg)	2/16/2023 (mg/kg)	2/16/2023 (mg/kg)	2/16/2023 (mg/kg)	2/16/2023 (mg/kg)	2/16/2023 (mg/kg)
Vinyl Chloride (VC)	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	0.033	nd	nd	0.047
Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	122	135	132	142	144	141
1,2-Dichloroethane-d4	17-212	131	140	139	151	156	152
Toluene-d8	41-142	98	100	96	97	107	94
4-Bromofluorobenzene	47-167	91	86	86	84	83	87

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

RON DANZ PROJECT
Robinson Noble
Seattle, Washington
Libby Project # L23B070
Client Project # 3551-002C

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		MW4-25	MW4-30	MW3-5	MW3-10	MW3-15	MW3-20
Date Sampled		2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023
Date Analyzed	PQL	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023	2/16/2023
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl Chloride (VC)	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	nd	0.082	nd
Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	138	130	144	140	142	138
1,2-Dichloroethane-d4	17-212	147	141	139	135	153	149
Toluene-d8	41-142	94	100	95	94	96	89
4-Bromofluorobenzene	47-167	83	83	85	93	89	88

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

RON DANZ PROJECT
Robinson Noble
Seattle, Washington
Libby Project # L23B070
Client Project # 3551-002C

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		MW3-25	MW3-30	MW3-30 Dup
Date Sampled		2/16/2023	2/16/2023	2/16/2023
Date Analyzed	PQL (mg/kg)	2/16/2023 (mg/kg)	2/16/2023 (mg/kg)	2/16/2023 (mg/kg)
Vinyl Chloride (VC)	0.02	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd
Surrogate Recovery	Acceptable Limits (%)			
Dibromofluoromethane	27-188	142	131	146
1,2-Dichloroethane-d4	17-212	160	165	148
Toluene-d8	41-142	95	92	99
4-Bromofluorobenzene	47-167	85	87	85

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

RON DANZ PROJECT
Robinson Noble
Seattle, Washington
Libby Project # L23B070
Client Project # 3551-002C

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: MW4-15
Date Analyzed: 2/16/2023

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.28	0.31	113	124	9.8	10-208	
1,1-Dichloroethene	0.25	0.40	0.39	162	157	3.0	50-187	
trans-1,2-Dichloroethene	0.25	0.27	0.31	109	126	14.0	38-175	
cis-1,2-Dichloroethene	0.25	0.21	0.24	83	95	13.5	33-166	
Trichloroethene (TCE)	0.25	0.28	0.29	113	117	3.5	71-126	
Tetrachloroethene (PCE)	0.25	0.32	0.35	129	139	7.8	45-166	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	134	135	27-188
1,2-Dichloroethane-d4	145	135	17-212
Toluene-d8	102	98	41-142
4-Bromofluorobenzene	107	99	47-167

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Laboratory Control Sample

Date Analyzed: 2/16/2023

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.16	64	15-226	
1,1-Dichloroethene	0.25	0.27	106	38-193	
trans-1,2-Dichloroethene	0.25	0.18	73	53-156	
cis-1,2-Dichloroethene	0.25	0.23	92	10-219	
Trichloroethene (TCE)	0.25	0.24	94	67-121	
Tetrachloroethene (PCE)	0.25	0.26	105	46-159	

Surrogate Recovery			
Dibromofluoromethane	116	27-188	
1,2-Dichloroethane-d4	125	17-212	
Toluene-d8	98	41-142	
4-Bromofluorobenzene	108	47-167	

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.
3322 South Bay Road NE • Olympia, WA 98506-2957

February 20, 2023

John Hildenbrand
Robinson Noble
2105 South C Street
Tacoma, WA 98402

Dear John Hildenbrand:

Please find enclosed the analytical data report for the Ron Danz project located in Seattle, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@gmail.com

L23B078

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 2/17/2023 Page: 1 of 1

Client: Robinson Noble
Address: 2105 Sath C Street
Phone: 206-550-7215 Fax:
Client Project # 3551-002C

Project Manager: John Hildenbrand
Project Name: Ron Danz
Location: 2300 24th Av. E, Seattle WA
Collector: Nancy Garcia-Serrato Date of Collection: 2/17/2023

	Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals	PCE +Daughters		Field Note/# Containers
1	MWS-5	5	9:45	Soil	WA Jar											X	X		
2	MWS-10	10	9:55													X	X		
3	MWS-15	15	10:05													X	X		
4	MWS-20	20	10:17													X	X		
MS 5	MWS-25	25	10:25													X	X		
6	MWS-30	30	10:40	↓	↓											X	X		
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			

Relinquished by:	Date / Time	Received by	Date / Time
	2/17/23 10:54		2/17/23 1050
Relinquished by:	Date / Time	Received by	Date / Time
Relinquished by:	Date / Time	Received by	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:
*EIM
*STAT
ML

TAT 24HR 48HR 5-Day

Distribution White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

RON DANZ PROJECT
Robinson Noble
Seattle, Washington
Libby Project # L23B078
Client Project # 3551-002C

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		Method Blank	MW5-5	MW5-5 Dup	MW5-10	MW5-15	MW5-20
Date Sampled		N/A	2/17/2023	2/17/2023	2/17/2023	2/17/2023	2/17/2023
Date Analyzed	PQL (mg/kg)	2/17/2023 (mg/kg)	2/17/2023 (mg/kg)	2/17/2023 (mg/kg)	2/17/2023 (mg/kg)	2/17/2023 (mg/kg)	2/17/2023 (mg/kg)
Vinyl Chloride (VC)	0.02	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd	nd	0.029 J	nd	nd
Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	141	136	143	141	140	149
1,2-Dichloroethane-d4	17-212	150	142	156	155	142	149
Toluene-d8	41-142	95	95	94	96	95	96
4-Bromofluorobenzene	47-167	90	89	85	90	81	89

"nd" Indicates not detected at listed detection limit.
"J" Result is less than the PQL but greater than the MDL. Reported value is approximate.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

RON DANZ PROJECT
Robinson Noble
Seattle, Washington
Libby Project # L23B078
Client Project # 3551-002C

Volatile Organic Compounds by EPA Method 8260D in Soil

Sample Description		MW5-25	MW5-30
Date Sampled		2/17/2023	2/17/2023
Date Analyzed	PQL (mg/kg)	2/17/2023 (mg/kg)	2/17/2023 (mg/kg)
Vinyl Chloride (VC)	0.02	nd	nd
1,1-Dichloroethene	0.05	nd	nd
trans-1,2-Dichloroethene	0.03	nd	nd
cis -1,2-Dichloroethene	0.03	nd	nd
Trichloroethene (TCE)	0.02	nd	nd
Tetrachloroethene (PCE)	0.03	nd	nd

Surrogate Recovery	Acceptable Limits (%)		
Dibromofluoromethane	27-188	143	144
1,2-Dichloroethane-d4	17-212	153	145
Toluene-d8	41-142	98	95
4-Bromofluorobenzene	47-167	88	81

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

RON DANZ PROJECT
Robinson Noble
Seattle, Washington
Libby Project # L23B078
Client Project # 3551-002C

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Soil

Matrix Spike Sample Identification: MW5-25
Date Analyzed: 2/17/2023

	Spiked Conc. (mg/kg)	MS Response (mg/kg)	MSD Response (mg/kg)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.27	0.28	106	113	5.8	10-208	
1,1-Dichloroethene	0.25	0.32	0.38	127	152	17.8	50-187	
trans-1,2-Dichloroethene	0.25	0.28	0.28	113	111	1.8	38-175	
cis-1,2-Dichloroethene	0.25	0.21	0.21	85	84	1.4	33-166	
Trichloroethene (TCE)	0.25	0.27	0.27	107	108	0.4	71-126	
Tetrachloroethene (PCE)	0.25	0.28	0.28	114	111	2.5	45-166	

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	142	144	27-188
1,2-Dichloroethane-d4	141	162	17-212
Toluene-d8	98	98	41-142
4-Bromofluorobenzene	107	102	47-167

ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Paul Burke

Laboratory Control Sample

Date Analyzed: 2/17/2023

	Spiked Conc. (mg/kg)	LCS Response (mg/kg)	LCS Recovery (%)	Recovery Limits (%)	Data Flag
Vinyl chloride	0.25	0.27	107	15-226	
1,1-Dichloroethene	0.25	0.40	158	38-193	
trans-1,2-Dichloroethene	0.25	0.25	100	53-156	
cis-1,2-Dichloroethene	0.25	0.23	90	10-219	
Trichloroethene (TCE)	0.25	0.27	106	67-121	
Tetrachloroethene (PCE)	0.25	0.31	122	46-159	

Surrogate Recovery		
Dibromofluoromethane	137	27-188
1,2-Dichloroethane-d4	144	17-212
Toluene-d8	99	41-142
4-Bromofluorobenzene	106	47-167

ANALYSES PERFORMED BY: Paul Burke

Libby Environmental, Inc.
3322 South Bay Road NE • Olympia, WA 98506-2957

March 2, 2023

Max Wills
Robinson Noble
2105 South C Street
Tacoma, WA 98402

Dear Max Wills:

Please find enclosed the analytical data report for the 24TH Ave. Additional Investigation project located in Seattle, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@gmail.com

Libby Environmental, Inc.

Chain of Custody Record

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Client: Robinson-Noble
Address: 2105 South C. St., Tacoma
Phone: 253-475-7711 Fax:
Client Project # 3551-002C

Date: 2/23/2023 Page: 1 of 1
Project Manager: Max Wilson
Project Name: 24th Ave. Additional Investigation
Location: 2300 24th Ave E. City: Seattle, WA
Collector: RWCM Date of Collection: 2/23/23

	Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	NWTPH-HCID	NWTPH-Gx	NWTPH-Dx	NWTPH-Dx Ext.	PAH 8270	PCB's 8082	MTCA 5 Metals	PLE + Edwards			Field Notes
1	MW-4	25 FT	11:00	Water	VOA															
2	MW-3		12:05																	
3	MW-2		13:25																	
4	MW-1		14:35																	
5	MW-5		16:00																	
6																				
7																				
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				
18																				

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	2/23/23 13:16	[signature]	2/23/23 13:16
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt:

Good Condition?	
Cold?	
Seals Intact?	
Total Number of Containers	

Remarks:
EIM
STD TAT

Distribution: White - Lab, Yellow - File, Pink - Originator

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

24TH AVE. ADDITIONAL INVESTIGATION PROJECT
Robinson Noble
Seattle, Washington
Libby Project # L23B104
Client Project # 3551-002C

Volatile Organic Compounds by EPA Method 8260D in Water

Sample Description		Method Blank	MW-4	MW-3	MW-2	MW-1	MW-5
Date Sampled		N/A	2/23/2023	2/23/2023	2/23/2023	2/23/2023	2/23/2023
Date Analyzed	PQL (µg/L)	2/24/2023 (µg/L)	2/24/2023 (µg/L)	2/26/2023 (µg/L)	2/24/2023 (µg/L)	2/24/2023 (µg/L)	2/24/2023 (µg/L)
Vinyl Chloride (VC)	0.2	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.5	nd	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.4	nd	nd	nd	0.63	0.45	nd
Tetrachloroethene (PCE)	1.0	nd	32	32	130	39	83
Surrogate Recovery	Acceptable Limits (%)						
Dibromofluoromethane	27-188	127	116	101	129	121	115
1,2-Dichloroethane-d4	17-212	118	107	96	104	109	110
Toluene-d8	41-142	92	98	95	104	107	98
4-Bromofluorobenzene	47-167	86	83	85	101	90	89

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

24TH AVE. ADDITIONAL INVESTIGATION PROJECT
Robinson Noble
Seattle, Washington
Libby Project # L23B104
Client Project # 3551-002C

Volatile Organic Compounds by EPA Method 8260D in Water

Sample Description		MW-5 Dup	Method Blank
Date Sampled		2/23/2023	N/A
Date Analyzed	PQL (µg/L)	2/24/2023 (µg/L)	2/26/2023 (µg/L)
Vinyl Chloride (VC)	0.2	nd	nd
1,1-Dichloroethene	0.5	nd	nd
trans-1,2-Dichloroethene	1.0	nd	nd
cis -1,2-Dichloroethene	1.0	nd	nd
Trichloroethene (TCE)	0.4	nd	nd
Tetrachloroethene (PCE)	1.0	97	nd

Surrogate Recovery	Acceptable Limits (%)		
Dibromofluoromethane	27-188	116	116
1,2-Dichloroethane-d4	17-212	101	109
Toluene-d8	41-142	101	101
4-Bromofluorobenzene	47-167	80	81

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

24TH AVE. ADDITIONAL INVESTIGATION PROJECT
Robinson Noble
Seattle, Washington
Libby Project # L23B104
Client Project # 3551-002C

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Water

Matrix Spike Sample Identification: MW-5
Date Analyzed: 2/24/2023

	Spiked Conc. (µg/L)	MS Response (µg/L)	MSD Response (µg/L)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Recovery Limits (%)	Data Flag
Vinyl chloride	5.0	5.3	5.6	106	112	5.1	10-234	
1,1-Dichloroethene	5.0	6.1	6.2	121	123	1.6	15-233	
trans-1,2-Dichloroethene	5.0	6.1	6.0	121	119	1.8	54-165	
cis-1,2-Dichloroethene	5.0	5.7	4.4	114	87	26.6	35-167	
Trichloroethene (TCE)	5.0	4.5	4.8	90	96	5.8	64-141	
Tetrachloroethene (PCE)	5.0	5.4	0.0	108	0	200	42-173	A, R

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	115	116	27-188
1,2-Dichloroethane-d4	109	113	17-212
Toluene-d8	104	111	41-142
4-Bromofluorobenzene	115	144	47-167

ACCEPTABLE RPD IS 35%
"A" Due to high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
"R" High relative percent difference observed.

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed: 2/24/2023

	Spiked Conc. (µg/L)	LCS Response (µg/L)	LCS Recovery (%)	Recovery Limits (%)	Data Flag
Vinyl chloride	5.0	6.9	137	15-226	
1,1-Dichloroethene	5.0	7.7	155	38-193	
trans-1,2-Dichloroethene	5.0	7.1	141	53-156	
cis-1,2-Dichloroethene	5.0	6.2	123	10-219	
Trichloroethene (TCE)	5.0	5.1	102	37-121	
Tetrachloroethene (PCE)	5.0	5.2	104	46-159	

Surrogate Recovery			
Dibromofluoromethane	108	27-188	
1,2-Dichloroethane-d4	111	17-212	
Toluene-d8	98	41-142	
4-Bromofluorobenzene	113	47-167	

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

24TH AVE. ADDITIONAL INVESTIGATION PROJECT
Robinson Noble
Seattle, Washington
Libby Project # L23B104
Client Project # 3551-002C

QA/QC for Volatile Organic Compounds by EPA Method 8260D in Water

Matrix Spike Sample Identification: MW-3
Date Analyzed: 2/26/2023

	Spiked Conc. (µg/L)	MS Response (µg/L)	MSD Response (µg/L)	MS Recovery (%)	MSD Recovery (%)	RPD (%)	Recovery Limits (%)	Data Flag
Vinyl chloride	5.0	6.0	6.5	121	130	7.2	10-234	
1,1-Dichloroethene	5.0	5.7	6.4	113	127	11.8	15-233	
trans-1,2-Dichloroethene	5.0	5.5	6.1	109	122	10.7	54-165	
cis-1,2-Dichloroethene	5.0	3.7	4.5	74	90	19.3	35-167	
Trichloroethene (TCE)	5.0	4.4	5.0	88	99	12.0	64-141	
Tetrachloroethene (PCE)	5.0	8.1	10.9	162	218	29.5	42-173	A

Surrogate Recovery (%)	MS	MSD	
Dibromofluoromethane	100	112	27-188
1,2-Dichloroethane-d4	97	111	17-212
Toluene-d8	105	108	41-142
4-Bromofluorobenzene	116	143	47-167

ACCEPTABLE RPD IS 35%
"A" Due to high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

ANALYSES PERFORMED BY: Sherry Chilcutt

Laboratory Control Sample

Date Analyzed: 2/26/2023

	Spiked Conc. (µg/L)	LCS Response (µg/L)	LCS Recovery (%)	Recovery Limits (%)	Data Flag
Vinyl chloride	5.0	8.6	172	15-226	
1,1-Dichloroethene	5.0	8.7	174	38-193	
trans-1,2-Dichloroethene	5.0	8.2	164	53-156	
cis-1,2-Dichloroethene	5.0	8.0	160	10-219	
Trichloroethene (TCE)	5.0	5.9	118	37-121	
Tetrachloroethene (PCE)	5.0	6.5	131	46-159	

Surrogate Recovery		
Dibromofluoromethane	113	27-188
1,2-Dichloroethane-d4	111	17-212
Toluene-d8	105	41-142
4-Bromofluorobenzene	114	47-167

ANALYSES PERFORMED BY: Sherry Chilcutt

Libby Environmental, Inc.

3322 South Bay Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

24TH AVE. ADDITIONAL INVESTIGATION PROJECT
Robinson Noble
Libby Project # L23B104
Date Received 2/23/23 13:16

Received By JC

Sample Receipt Checklist

Chain of Custody

1. Is the Chain of Custody complete?	☑ Yes	☐ No	
2. How was the sample delivered?	☐ Hand Delivered	☑ Picked Up	☐ Shipped

Log In

3. Cooler or Shipping Container is present.	☑ Yes	☐ No	☐ N/A
4. Cooler or Shipping Container is in good condition.	☑ Yes	☐ No	☐ N/A
5. Cooler or Shipping Container has Custody Seals present.	☐ Yes	☑ No	☐ N/A
6. Was an attempt made to cool the samples?	☑ Yes	☐ No	☐ N/A
7. Temperature of cooler (0°C to 8°C recommended)	2.3 °C		
8. Temperature of sample(s) (0°C to 8°C recommended)	7.5 °C		
9. Did all containers arrive in good condition (unbroken)?	☑ Yes	☐ No	
10. Is it clear what analyses were requested?	☑ Yes	☐ No	
11. Did container labels match Chain of Custody?	☑ Yes	☐ No	
12. Are matrices correctly identified on Chain of Custody?	☑ Yes	☐ No	
13. Are correct containers used for the analysis indicated?	☑ Yes	☐ No	
14. Is there sufficient sample volume for indicated analysis?	☑ Yes	☐ No	
15. Were all containers properly preserved per each analysis?	☑ Yes	☐ No	
16. Were VOA vials collected correctly (no headspace)?	☑ Yes	☐ No	☐ N/A
17. Were all holding times able to be met?	☑ Yes	☐ No	

Discrepancies/ Notes

18. Was client notified of all discrepancies? ☐ Yes ☐ No ☑ N/A

Person Notified: _____ Date: _____

By Whom: _____ Via: _____

Regarding: _____

19. Comments. _____

Appendix D

Field Data Sheets

Groundwater Sampling Record

Robinson Noble, Inc.
2105 South C Street
Tacoma, Washington 98402
(253) 475-7711

ROBINSON NOBLE

Project Name:	2300 24th Ave Addl Investigation	Project Number:	3551-002C
Well Name:	MW-1		

Physical Setting

Depth to Water (ft):	13.48	Collected by:	RWCM
Total Well Depth (ft):	25	Weather:	Light Rain/Snow
Screened Interval (ft):	15-25	Notes/Comments	
Well Diameter (in):	2	Initially very silty purge water.	
Well Volume (gal):	1.88		
Pumping Method:	Bladder Pump		
Pumping Depth:	25 feet		

Water Quality Results

Time	t (minutes elapsed)	Vol. (gal)	Temp. (˚C)	Specific Conductivity (mS/cm)	Total Dissolved Solids (g/L)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)
13:52	0	START PURGE							
13:55	3	0.4	15.13	0.508	0.325	2.44	7.15	32	1000+
13:58	6	1	15.26	0.508	0.325	2.25	7.35	14	1000+
14:01	9	1.5	15.13	0.521	0.335	2.81	7.69	-5	689
14:04	12	2	15.09	0.539	0.345	3.05	7.84	-8	272
14:07	15	2.5	15.17	0.550	0.352	2.97	7.92	-11	136
14:10	18	3	15.20	0.550	0.352	2.75	7.98	-21	132
14:13	21	3.6	15.23	0.542	0.347	2.40	8.01	-42	438
14:16	24	4.2	15.32	0.525	0.335	2.50	7.99	-52	671
14:19	27	4.8	15.31	0.502	0.321	3.77	7.90	-6	184
14:22	30	5.5	15.49	0.493	0.320	3.86	7.84	2	107
14:25	33	6.1	15.46	0.489	0.318	3.78	7.82	-4	108
14:28	36	6.6	15.49	0.487	0.317	3.88	7.84	-9	142
14:31	39	7.3	15.52	0.486	0.316	3.91	7.86	-12	184
14:34	42	7.8	15.46	0.486	0.316	3.92	7.91	-18	248

Sampling

Time/Date sampled:	2/22/23 14:35	Sample Containers Used:	VOA
t (min) sampled:	43	Sampled by:	RWCM
Analyses Performed:	PCE + Breakdown	Laboratory Name:	Libby Environmental
Date of delivery:	2/23/2023	Date of Analyses:	3/2/2023

Groundwater Sampling Record

Robinson Noble, Inc.
2105 South C Street
Tacoma, Washington 98402
(253) 475-7711

ROBINSON NOBLE

Project Name:	2300 24th Ave Addl Investigation	Project Number:	3551-002C
Well Name:	MW-2		

Physical Setting

Depth to Water (ft):	13.57	Collected by:	RWCM
Total Well Depth (ft):	25	Weather:	Light Rain/Snow
Screened Interval (ft):	15-25	Notes/Comments	
Well Diameter (in):	2	Initially slightly silty purge water.	
Well Volume (gal):	1.87		
Pumping Method:	Bladder Pump		
Pumping Depth:	25 feet		

Water Quality Results

Time	t (minutes elapsed)	Vol. (gal)	Temp. (˚C)	Specific Conductivity (mS/cm)	Total Dissolved Solids (g/L)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)
12:38	0	START PURGE							
12:41	3	0.5	15.47	0.462	0.300	8.90	7.53	16	1000+
12:44	6	1.0	15.60	0.463	0.301	8.73	7.68	21	439
12:47	9	1.6	15.51	0.464	0.301	8.58	7.74	24	227
12:50	12	2.1	15.49	0.460	0.299	8.33	7.70	34	121
12:53	15	2.6	15.55	0.463	0.301	8.10	7.64	50	62.6
12:56	18	3.2	15.60	0.471	0.307	7.94	7.61	58	41.6
12:59	21	3.7	15.63	0.482	0.314	7.80	7.62	59	30.9
13:02	24	4.3	15.65	0.498	0.324	7.66	7.69	59	24.8
13:05	27	4.8	15.63	0.512	0.328	7.46	7.75	59	26
13:08	30	5.3	15.60	0.523	0.335	7.42	7.83	57	49.4
13:11	33	5.6	15.67	0.525	0.335	7.31	7.90	42	72.9
13:14	36	6.3	15.75	0.500	0.321	7.06	7.89	-10	140
13:17	39	6.7	15.76	0.452	0.292	6.93	7.71	17	79.3
13:20	42	7.2	15.81	0.463	0.284	6.79	7.58	44	49.9
13:23	45	7.8	15.85	0.442	0.288	6.58	7.55	55	54.8

Sampling

Time/Date sampled:	2/22/23 13:25	Sample Containers Used:	VOA
t (min) sampled:	47	Sampled by:	RWCM
Analyses Performed:	PCE + Breakdown	Laboratory Name:	Libby Environmental
Date of delivery:	2/23/2023	Date of Analyses:	3/2/2023

Groundwater Sampling Record

Robinson Noble, Inc.
2105 South C Street
Tacoma, Washington 98402
(253) 475-7711

ROBINSON NOBLE

Project Name:	2300 24th Ave Addl Investigation	Project Number:	3551-002C
Well Name:	MW-3		

Physical Setting

Depth to Water (ft):	13.43	Collected by:	RWCM
Total Well Depth (ft):	25	Weather:	Light Rain/Snow
Screened Interval (ft):	15-25	Notes/Comments	
Well Diameter (in):	2	Initially very silty purge water.	
Well Volume (gal):	1.89		
Pumping Method:	Bladder Pump		
Pumping Depth:	25 Feet		

Water Quality Results

Time	t (minutes elapsed)	Vol. (gal)	Temp. (˚C)	Specific Conductivity (mS/cm)	Total Dissolved Solids (g/L)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)
11:21	0	START PURGE							
11:24	3	0.5	15.34	0.476	0.309	5.11	8.15	89	1000+
11:27	6	1.0	15.53	0.451	0.292	5.08	8.01	93	921
11:30	9	1.5	15.40	0.412	0.266	5.24	7.88	94	213
11:33	12	2.1	15.38	0.347	0.223	5.57	7.60	97	84.3
11:36	15	2.6	15.49	0.320	0.208	5.76	7.36	100	58.8
11:39	18	3.2	15.51	0.330	0.216	5.82	7.34	99	53.6
11:42	21	3.8	15.55	0.344	0.224	5.88	7.38	97	48.7
11:45	24	4.3	15.58	0.352	0.230	5.85	7.41	97	43.6
11:48	27	4.9	15.62	0.370	0.242	5.60	7.48	95	52.5
11:51	30	5.5	15.64	0.413	0.271	4.91	7.68	90	110
11:54	33	6.1	15.71	0.445	0.290	5.06	7.90	87	76.1
11:57	36	6.7	15.73	0.454	0.295	5.35	8.03	84	54.9
12:00	39	7.3	15.77	0.457	0.297	5.26	8.04	84	74
12:03	42	7.9	15.80	0.460	0.299	5.01	8.00	80	149

Sampling

Time/Date sampled:	2/22/23 12:05	Sample Containers Used:	VOA
t (min) sampled:	44	Sampled by:	RWCM
Analyses Performed:	PCE + Breakdown	Laboratory Name:	Libby Environmental
Date of delivery:	2/23/2023	Date of Analyses:	3/2/2023

Groundwater Sampling Record

Robinson Noble, Inc.
2105 South C Street
Tacoma, Washington 98402
(253) 475-7711

ROBINSON NOBLE

Project Name:	2300 24th Ave Addl Investigation	Project Number:	3551-002C
Well Name:	MW-4		

Physical Setting

Depth to Water (ft):	13.38	Collected by:	RWCM
Total Well Depth (ft):	25	Weather:	Light Rain/Snow
Screened Interval (ft):	15-25	Notes/Comments	
Well Diameter (in):	2	Initially very silty purge water.	
Well Volume (gal):	1.90		
Pumping Method:	Bladder Pump		
Pumping Depth:	25 Feet		

Water Quality Results

Time	t (minutes elapsed)	Vol. (gal)	Temp. (˚C)	Specific Conductivity (mS/cm)	Total Dissolved Solids (g/L)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)
10:13	0	START PURGE							
10:16	3	0.25	14.03	0.475	0.309	8.52	7.47	-4	1000+
10:19	6	0.5	15.05	0.470	0.305	8.50	7.73	9	1000+
10:22	9	1	15.35	0.468	0.304	8.38	7.86	20	968
10:25	12	1.5	15.48	0.468	0.304	8.24	7.93	30	508
10:28	15	2	15.56	0.465	0.302	8.15	7.89	42	319
10:31	18	2.6	15.63	0.463	0.301	8.02	7.96	40	177
10:34	21	3.2	15.67	0.464	0.302	7.94	7.99	40	110
10:37	24	3.7	15.72	0.468	0.304	7.92	7.99	41	76.3
10:40	27	4.2	15.74	0.474	0.308	7.85	8.01	41	58.6
10:43	30	4.8	15.77	0.479	0.311	7.79	8.01	41	50.7
10:46	33	5.6	15.79	0.483	0.314	7.67	8.02	38	45.3
10:49	36	6.3	15.81	0.487	0.317	7.61	8.01	32	52
10:52	39	6.8	15.81	0.489	0.318	7.55	7.99	22	73
10:55	42	7.5	15.85	0.487	0.316	7.43	7.97	7	361
10:58	45	8	15.85	0.484	0.314	7.36	7.98	8	340

Sampling

Time/Date sampled:	2/22/23 11:00	Sample Containers Used:	VOA
t (min) sampled:	47	Sampled by:	RWCM
Analyses Performed:	PCE + Breakdown	Laboratory Name:	Libby Environmental
Date of delivery:	2/23/2023	Date of Analyses:	3/2/2023

Groundwater Sampling Record

Robinson Noble, Inc.
2105 South C Street
Tacoma, Washington 98402
(253) 475-7711

ROBINSON NOBLE

Project Name: 2300 24th Ave Addl Investigation Project Number: 3551-002C

Well Name: MW-5

Physical Setting

Depth to Water (ft):	12.11	Collected by:	RWCM
Total Well Depth (ft):	25	Weather:	Light Rain/Snow
Screened Interval (ft):	15-25	Notes/Comments	
Well Diameter (in):	2	Very silty purge water.	
Well Volume (gal):	2.10		
Pumping Method:	Bladder Pump		
Pumping Depth:	25 Feet		

Water Quality Results

Time	t (minutes elapsed)	Vol. (gal)	Temp. (˚C)	Specific Conductivity (mS/cm)	Total Dissolved Solids (g/L)	Dissolved Oxygen (mg/L)	pH	Oxidation Reduction Potential (mV)	Turbidity (NTU)
15:11	0	START PURGE							
15:14	3	0.4	14.59	0.804	0.515	4.27	7.08	97	1000+
15:17	6	0.8	14.65	0.806	0.515	4.28	6.96	89	1000+
15:20	9	1.4	14.65	0.808	0.518	5.81	7.12	74	1000+
15:23	12	1.8	14.26	0.811	0.518	5.72	7.37	62	1000+
15:26	15	2.2	14.66	0.811	0.519	5.44	7.26	53	1000+
15:29	18	2.6	14.75	0.819	0.525	5.19	7.20	54	1000+
15:32	21	3.1	14.67	0.816	0.522	5.18	7.25	70	364
15:35	24	3.7	14.72	0.818	0.524	5.11	7.24	73	295
15:38	27	4.2	14.67	0.819	0.524	5.02	7.28	74	138
15:41	30	4.7	14.75	0.814	0.520	4.92	7.28	75	113
15:44	33	5.2	14.72	0.808	0.517	4.83	7.29	75	98.8
15:47	36	5.8	14.71	0.820	0.525	4.59	7.34	70	93
15:50	39	6.5	14.73	0.833	0.533	4.43	7.40	66	97.6
15:53	42	7.1	14.81	0.850	0.544	4.26	7.49	59	80.8
15:56	45	7.7	14.78	0.858	0.549	4.12	7.57	54	87
15:59	48	8.2	14.80	0.863	0.552	4.09	7.69	48	105

Sampling

Time/Date sampled:	2/22/23 16:00	Sample Containers Used:	VOA
t (min) sampled:	49	Sampled by:	RWCM
Analyses Performed:	PCE + Breakdown	Laboratory Name:	Libby Environmental
Date of delivery:	2/23/2023	Date of Analyses:	3/2/2023