ENVIRONMENTAL PARTNERS INC 295 NE Gilman Boulevard, Suite 201 Issaquah, Washington 98027 ph 425.395.0010

December 9, 2013

Mr. David Pollart
P.O. Box 1096
Mercer Island, Washington, 98040-1096

Re: Phase II Environmental Site Assessment
Estes West Trucking Facility
2012 West Valley Highway North
Auburn, Washington
VCP# NW2532

EPI Project Number: 61901.3

Dear Mr. Pollart:

Environmental Partners, Inc. (EPI) is pleased to submit the following letter report summarizing site investigation tasks that were performed as part of a Phase II Environmental Site Assessment (ESA) of the Estes West trucking facility located at 2102 West Valley Highway North in Auburn, Washington (the "Site"). The site location is shown in Figure 1. The Phase II ESA that is summarized in this letter report is a component of the Remedial Investigation (RI) requested by Mr. Eugene Freeman, Ecology Site Manager for the Site.

BACKGROUND

Soil and groundwater at the Site were impacted by petroleum hydrocarbon releases from a 550-gallon waste oil underground storage tank (UST) located near the northwest corner of the existing truck maintenance building. The UST and approximately 350 cubic yards of petroleum-contaminated soil (PCS) were removed and four monitoring wells, designated MW-1, MW-2, MW-3, and MW-4, were installed in December 1998. The locations of the former UST and monitoring wells relative to the truck maintenance building are shown on Figure 2.

Ecology issued a conditional No Further Action (NFA) determination for the Site in January 2000. The NFA contained the condition that quarterly groundwater monitoring and reporting be continued until "this site demonstrates sustained, continuous compliance with Model Toxics Control Act (MTCA) Groundwater Cleanup Levels (CULs) for at least one year." The NFA letter also stipulated that analytical results for groundwater compliance "shall include BTEX (benzene, toluene, ethylbenzene, and xylene), diesel, and heavy oils." Available records indicate that the monitoring wells were sampled approximately every quarter from December 1998 until October 2002.

In November 2002, the Site owner petitioned for a full NFA determination based on three years of data demonstrating that the benzene in groundwater at concentrations greater than MTCA Method A CULs was confined to samples from the area on the north side of the maintenance building around MW-2. At

that time, the sample from MW-2 had a gasoline-range petroleum hydrocarbon (GRPH) concentration of 180 micrograms per liter (µg/L) and a benzene concentration of 12.0 µg/L. The GRPH concentration was less than its MTCA Method A CUL of 800 µg/L; however, the benzene concentration exceeded the MTCA Method A CUL of 5 µg/L. No other BTEX compounds, diesel-range petroleum hydrocarbons (DRPH), or heavier-range petroleum hydrocarbons (HRPH) were detected in the sample from MW-2 and none of the samples from the other monitoring wells had concentrations exceeding MTCA Method A CULs.

Groundwater sampling was discontinued in late 2002 and the Site did not receive a full NFA determination due to the benzene concentration exceeding its MTCA Method A CUL in samples from MW-2. Records indicate that the Site was subsequently dropped from the VCP due to inactivity.

The Site re-entered the VCP in August 2011 and was assigned VCP number NW2532. Quarterly groundwater sampling of the four on-site wells under the VCP resumed in August 2011. On March 26, 2012, Ecology notified the Site owner that the January 2000 conditional NFA determination was rescinded because the benzene concentrations in groundwater samples from well MW-2 remained at concentrations greater than MTCA CULs and the previous groundwater remedy did not achieve and maintain compliance with the applicable MTCA Method A CULs.

A 12,000-gallon diesel fuel UST was removed from the south side of the maintenance building on November 28, 2012. The location of the former UST is shown in Figure 2. According to available information, the UST was pumped and taken out of service in 1998 when the 550-gallon waste oil UST was removed. The UST had reportedly not been used between 1998 and 2012. EPI personnel oversaw the UST decommissioning activities and collected nine soil samples and one sample of water at the bottom of the UST excavation. EPI prepared the *Underground Storage Tank Site Assessment Report,* dated January 4, 2013, for submittal to Ecology's Underground Storage Tank Division. The reviewer is referred to that report for additional details regarding the UST decommissioning activities and soil and groundwater sampling results.

Ecology issued an Opinion Letter dated April 22, 2013, which indicated that additional information was required regarding the lateral and vertical extent of a migrating groundwater plume at the Site. In telephone and email discussions, the Ecology Site Manager requested an additional monitoring well near the southwest corner of the maintenance building and a monitoring well at the southeast corner of the former location of the 12,000-gallon diesel fuel UST that was removed in November 2012. EPI completed installation and sampling of these new wells, designated MW-5 and MW-6 respectively, on June 5th, 2013. The locations of new wells MW-5 and MW-6 are shown on Figure 2.

Groundwater samples collected from MW-5 and MW-6 were submitted for GRPH using Ecology Method NWTPH-Gx, BTEX using EPA Method 8021B, and DRPH and HRPH using Ecology Method NWTPH-Dx. Samples from both wells MW-5 and MW-6 were non-detect for GRPH, HRPH, and BTEX compounds; however, the samples from MW-5 and MW-6 had DRPH concentrations of 160 µg/L and 680 µg/L, respectively. The DRPH concentration in the sample from MW-6 exceeded the MTCA Method A CUL of 500 µg/L. Wells MW-5 and MW-6 were sampled again in August 2013 as part of the quarterly groundwater monitoring program. DRPH was again detected in samples from MW-5 and MW-6 at concentrations of 56 µg/L and 790 µg/L, respectively.

In a follow-up email communication with EPI on July 22, 2013, The Ecology Site Manager, Mr. Eugene Freeman, indicated that additional soil and groundwater sampling would be necessary to delineate the lateral and vertical extent of the soil and groundwater impacts in the vicinity of MW-1 and at the former 12,000 gallon diesel UST. Mr. Freeman's opinion is based upon concentrations of DRPH and HRPH greater than the MTCA CUL of 500 μg/L in samples from MW-1 observed since November 2011 and the DRPH concentration in the sample from MW-6, which also exceeded the MTCA CUL. Mr. Freeman indicated that it would be also necessary to demonstrate that there was no impact to Mill Creek located to the west of the Estes West facility.

PHASE II ESA TASKS

The following scope of services performed was intended to address Ecology's request for additional information regarding the extent of soil and groundwater impacts at the Site and to provide the site-specific data that are necessary to select an appropriate remediation strategy for the Site if remediation is warranted. However, the actual design of the remediation strategy was not part of this scope of services for the Phase II ESA.

The scope of services for the tasks performed as part of the Phase II ESA was divided into four main tasks:

Task 1: Coordinate with Ecology for approval of the planned probe locations and concurrence with the scope of services for the Phase II ESA.

Task 2: Mark proposed probe locations and perform a private utility locate at each of the locations.

Task 3: Survey monitoring well measuring point elevations. Measuring point elevations for newer wells MW-5 and MW-6 were not surveyed after their installation. (Task 3 was performed concurrently with Task 2).

Task 4: Perform soil and groundwater sampling and analysis.

The methods used and the resulting data generated for each task are summarized in the following sections.

Task 1: Coordinate with Ecology

EPI prepared and submitted a figure showing the proposed locations of the nine probes and written descriptions of the planned soil and groundwater sampling for the Phase II ESA to Ecology Project Manager Eugene Freeman for his review and input.

In an email sent to EPI on October 8, 2013 Mr. Freeman indicated that the proposed probe locations, sampling intervals, and laboratory analyses were acceptable to Ecology. Mr. Freeman also noted that "If petroleum contamination is found in the borings, we will need to assess if there is migration of a plume and we might need to establish additional borings to determine the extent of contamination".

Task 2: Mark Probe Locations and Perform Utility Locate

EPI staff met with a qualified underground utility locating service at the site to mark and clear the nine proposed direct push sampling locations and adjust probe locations as needed to avoid underground and overhead utilities. EPI staff also marked the area to be cleared by public utility locating services as required by law. All proposed probe locations and limitations for the public locate were clearly marked using white spray paint specifically formulated for temporarily marking pavement.

None of the proposed probe locations had to be adjusted to avoid detected underground utilities or overhead obstructions. Slight adjustments to probe location DP-2 were necessary to avoid a roll-off bin containing metal scrap being temporarily accumulated on site. Probe locations are depicted in Figure 2.

Task 3: Well Surveying

EPI staff performed a closed loop elevation survey of measuring point elevations for the six on-site monitoring wells. Wells MW-1 through MW-4 were surveyed to an assigned onsite benchmark by the previous consultant; however, newer wells MW-5 and MW-6 were not surveyed. The surveyed elevations were referenced to the top of the northernmost bollard at the northwest corner of the Maintenance Building just east of well MW-1. The benchmark was assigned an assumed elevation of 100 feet.

Measuring point elevations for the monitoring wells are the north edge of the PVC well casing unless specifically marked elsewhere on the PVC casing. Based on the EPI survey the measuring point elevations for the six monitoring wells at Estes West are presented in Table 1.

EPI prepared a groundwater elevation contour and flow direction figure based on the August 2013 quarterly monitoring event depth to water measurements and the surveyed measuring point elevations in Table 1. The revised groundwater elevation contour and flow direction figure, presented as Figure 3, differs from the one presented in the 9th round quarterly report in that it includes groundwater elevation data from MW-5 and MW-6.

Figure 3 indicates that the groundwater flow direction at the time of the August 2013 sampling event was from west to east. Historical groundwater flow direction data indicated that groundwater flow was toward the southeast; however, those few groundwater flow maps that were produced were based on water level data from only four wells rather than the current six wells at the Site. In addition, the groundwater gradient at the Site is very flat and there are only small differences in groundwater elevations among the six monitoring wells, which causes the generally accepted 0.02-ft precision for manual groundwater level measurements a potentially significant factor in the final groundwater elevation contours.

We can not currently determine if the noted change in groundwater flow direction, from southeast in historical data to east in recent data, is the result of seasonal effects, the addition of two more wells, re-surveyed measuring point elevations, or measurement precision effects.

Task 4: Soil and Groundwater Sampling and Analysis

Sampling Locations

Recent communication from the Ecology Site Manager, Eugene Freeman noted that further delineation and characterization of the groundwater plume(s) was necessary to move the site toward an NFA determination. EPI advanced nine borings at the Site at the locations shown in Figure 2. The borings were completed using a full size direct push probe rig and extended to approximately 10 ft. below ground surface (bgs). The nine sampling locations were intended to address Ecology's requirement to delineate the extent of groundwater impacts, especially downgradient of MW-1 and between the former location of the decommissioned 12,000-gallon diesel UST and Mill Creek, which is located to the east.

Field Procedures

Five of the nine probe locations, designated DP-1 through DP-5 were completed near the northwest corner of the maintenance building in the vicinity of MW-1 and the former 550-gallon waste oil UST as shown in Figure 2. The two probe locations upgradient of MW-1 (DP-1 and DP-2) were intended to identify potential soil source areas that might require excavation or other remediation technologies. The three probe locations downgradient of MW-1 (DP3, DP-4, and DP-5) were intended to evaluate the extent and pattern of DRPH concentrations downgradient of MW-1 for remediation system design purposes.

Probe locations DP-1 through DP-5 were sampled for both soil and groundwater. Soil samples were collected from the 0-4 and 4-8 ft bgs intervals at each probe location and were field screened using a photoionization detector (PID) and visual and olfactory indicators. The sample interval that was evaluated to be more impacted based on field screening results was submitted for laboratory analysis of DRPH and HRPH using Ecology Method NWTPH-Dx.

The remaining four probe locations, designated DP-6 through DP-9 are downgradient of the former 12,000-gallon diesel UST and are intended to delineate the extent of the DRPH impacts to groundwater. Soil impacts are not anticipated in the area downgradient of the former 12,000-gallon UST based on sidewall sampling conducted during UST removal. Therefore, soil cores from the 0-4 and 4-8 ft bgs intervals were field screened using a PID and visual and olfactory indicators. Soil samples were not submitted for laboratory analysis for locations DP-6 through DP-9 because impacts were not noted through the field screening process. Probe locations DP-6 through DP-9 were sampled for groundwater and the groundwater samples were submitted for DRPH and HRPH analysis using Ecology Method NWTPH-Dx.

Soil samples were collected from acetate lined sampling cores using a single use, decontaminated, stainless steel sampling scoop. Representative samples were placed into appropriate laboratory-supplied sample jars and were placed into a cooler containing sufficient bagged ice to maintain an internal temperature of 4^{o}C or lower.

Groundwater samples were collected using a peristaltic pump equipped with new, single use, disposable polyethylene tubing. Probes were purged using low-flow purging techniques and field parameters were measured and recorded to demonstrate stabilization. When stabilization was achieved groundwater samples were collected into appropriate laboratory-supplied sample bottles and

were placed into a cooler containing sufficient bagged ice to maintain an internal temperature of 4°C or lower.

Soil and groundwater samples were delivered to Friedman & Bruya laboratories for analysis following standard chain of custody procedures.

Soil Sampling Results

One soil sample was collected from each of the five probe locations located around well MW-1. The soil sample depth at each location was selected by evaluations of the field screening results indicating the greatest potential for impacts. Soil sample depths were consistently in the 7 to 8 feet bgs interval, which corresponded to the capillary fringe above the water table at the facility. Soil sample results are summarized in Table 2. Laboratory data sheets for the Phase II ESA soil samples are presented in Attachment A.

Analytical results summarized in Table 2 indicate that soil has no measurable DRPH or HRPH impacts at four of the five probe locations surrounding MW-1. Only the soil sample from probe DP-3 had measurable concentrations of DRPH and HRPH, which were both at concentrations an order of magnitude less than their cleanup levels.

Groundwater Sampling Results

One groundwater sample was collected from each of the five probe locations located around well MW-1 and from the four probe locations downgradient and cross-gradient of MW-6 and the former 12,000-gallon diesel UST. The groundwater sample depths were from the upper 3 feet of the aquifer and temporary well screens were installed so that they straddled the water table to detect any potential free product floating on the water table. Groundwater sample results are summarized in Table 3. Table 3 also includes groundwater sample results for the most recent (August 2013) quarterly groundwater sampling event for context. Laboratory data sheets for the Phase II ESA groundwater samples are presented in Attachment A.

Analytical results for the groundwater samples from probe locations DP-1 through DP-5 were intended to further delineate consistent MTCA Method A Cleanup Levels exceedences for DRPH and to a lesser extent HRPH in samples from MW-1. Probe locations DP-6 through DP-9 were intended to further delineate DRPH impacts to groundwater from the former 12,000-gallon diesel UST that were noted in samples from MW-6. Evaluations of the groundwater data from this Phase II ESA are summarized in the following bullets:

- DP-1 results indicate that impacts noted in samples from well MW-1 are not likely caused by groundwater coming across the property boundary from the north. DRPH was detected at a concentration of 180 μg/L, which is less than the cleanup level of 500 μg/L. HRPH was not detected in the groundwater sample from DP-1.

- DP-2 results indicate that DRPH and HRPH impacted groundwater extends westward from MW-1 to at least the DP-2 location, which is approximately 15 feet west of MW-1. DRPH and HRPH concentrations are within the historical ranges for samples from MW-1 potentially

indicating a common source. The DRPH and HRPH concentrations of 760 and 1,100 μg/L, respectively, are both greater than their MTCA Cleanup Level of 500 μg/L.

- DP-3 results indicate that both DRPH and HRPH concentrations are significantly greater than their MTCA Cleanup Level of 500 μg/L. A review of historical maps showing the lateral extent of two remedial excavations performed to remove impacted soil associated with the former 550-gallon waste oil UST left a small volume of impacted soil under the maintenance building foundation because that soil was inaccessible without significant risk of damage to the building foundation. The elevated DRPH and HRPH concentrations in the sample from DP-3 likely represent groundwater in a limited area that is affected by the small volume of unexcavated soil under the building foundation.

- DP-4 results indicate that DRPH and HRPH impacts extend from MW-1 southward at least as far as the DP-4 location, which is approximately 25 feet south of MW-1. DRPH and HRPH concentrations are within the historical ranges for samples from MW-1 potentially indicating a common source. The DRPH and HRPH concentrations of 1,100 and 2,400 μg/L, respectively, are both greater than their MTCA Cleanup Level of 500 μg/L.

- DP-5 results indicate that DRPH and HRPH impacts to groundwater do not extend from MW-1 southeast to the DP-5 location based on non-detections for both compounds in the DP-5 sample.

- DP-6 results indicate that DRPH and HRPH impacts do not extend to the DP-6 location, which is approximately 25 feet east (downgradient) of the former 12,000-gallon diesel UST. DRPH was detected at a concentration of 150 μg/L, which is less than the cleanup level of 500 μg/L. HRPH was not detected in the groundwater sample from DP-6.

- DP-7 results indicate that DRPH and HRPH impacts do not extend to DP-7, which is approximately 20 feet south (cross-gradient) of the former 12,000-gallon diesel UST. DRPH and HRPH were not detected in the groundwater sample from DP-7.

- DP-8 results are mixed. DRPH was detected at a concentration of 410 μg/L, which is less than the MTCA Method A Groundwater Cleanup Level of 500 μg/L. This indicates that DRPH impacts to groundwater from the former 12,000-gallon diesel UST extend eastward (downgradient) to a point somewhere between MW-6 and DP-8, which is 50 feet east (downgradient) of MW-6. However, HRPH was detected at a concentration of 730 μg/L, which is greater than the MTCA Method A Groundwater Cleanup Level of 500 μg/L. This impacted groundwater is likely not related to the former 12,000-gallon diesel UST, which contained diesel fuel only. In addition, HRPH was not detected in samples from well MW-6, which is the closest downgradient sampling location to the UST and would have HRPH detections if they were associated with the UST.

- DP-9 results indicate that DRPH and HRPH impacts do not extend to DP-9, which is between DP-7 and DP-8 and is approximately 30 feet southeast (cross-gradient) of the former 12,000-gallon diesel UST. DRPH and HRPH were not detected in the groundwater sample from DP-9.

CONCLUSIONS AND RECOMMENDATIONS

Groundwater Elevations and Flow Directions

Historical groundwater elevation data predating the installation of MW-5 and MW-6 indicate a southerly component to the groundwater flow direction, which is why probes DP-7 and DP-9 were located south of the former 12,000-gallon diesel UST. Based on the current more comprehensive data set, with the additional groundwater elevation data from MW-5 and MW-6, our understanding of the prevailing groundwater flow direction has been revised to be west to east, potentially with a northerly component, as shown in Figure 3.

The groundwater gradient at the site is very flat, which greatly increases the significance of any field measurement variability, which is generally considered to be ±0.02 ft. However, all groundwater elevation contours for the site indicate a consistent west to east groundwater flow direction. In addition, the non-detections for DRPH and HRPH in samples from DP-7 and DP-9, which are south and southeast, respectively, of the former 12,000-gallon diesel UST, indicate that there is not likely a southerly component to groundwater flow.

Soil Sample Results

Four of the five soil samples, collected at DP-1 through DP-5, were non-detect for DRPH and HRPH. The sample from DP-3 had detections of DRPH and HRPH at concentrations of 180 mg/kg and 280 mg/kg, respectively, which are both significantly lower than their MTCA Method A Cleanup Levels for Unrestricted Land Uses of 2,000 mg/kg. These results indicate that there is not likely a large source of DRPH and HRPH in the vadose zone soil surrounding well MW-1. The DRPH and HRPH detections in the soil sample from DP-3 are likely representative of the edge of the soil impacts remaining from impacted soil under the Maintenance Building foundation.

Groundwater Sample Results

Groundwater sample results, including data from the August 2013 quarterly sampling data, indicate that groundwater impacts are limited to two general areas: MW-1 and the surrounding area; and downgradient of the former 12,000-gallon diesel UST.

Probes DP-1 through DP-5 surround impacted well MW-1 in all four cardinal directions and to the southeast, which was thought to be the general groundwater flow direction based on historical data. Analytical results from DP-1 indicate that groundwater impacts are not likely coming from the adjoining property to the north. The groundwater hot spot is at DP-3, which is at a location where previous remedial soil excavations left some impacted soil in place to maintain building foundation stability. Non-detections in the groundwater sample from DP-5 provide further indication that the general groundwater flow direction is not to the southeast as was thought based on historical data.

Probes DP-6 though DP-9 were placed at locations potentially downgradient of the former 12,000-gallon diesel UST based on historical (pre-Phase II ESA) data. The groundwater data from these probes indicate that groundwater flow is not to the southeast but is more likely toward the east-northeast as indicated by groundwater elevation contours shown in Figure 3.

DRPH detections in samples from DP-6 and DP-8 are likely attributable to the former UST. The detections of DRPH at concentrations less than their MTCA Method A Cleanup Levels indicate that diesel impacts at concentrations greater than MTCA from the former UST extend to somewhere between well MW-6 and probes DP-6 and DP-8.

The HRPH concentration of 730 µg/L in the sample from DP-8 is not likely attributable to the former 12,000-gallon diesel UST. The two sampling locations downgradient of the former UST, MW-6 and DP-6, both have detections of DRPH but are non-detect for HRPH.

Recommendations

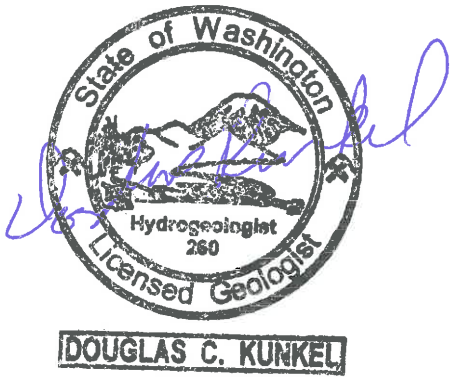
Soil and groundwater impacts in the area surrounding MW-1 have been adequately characterized to design, install, test, and operate an active groundwater remediation system. Field parameter data, specifically dissolved oxygen (DO) and oxidation reduction potential (ORP), indicate that geochemical conditions in the aquifer are strongly reducing (anaerobic). Petroleum hydrocarbons are readily biodegraded by aerobic bacteria, which require aerobic geochemical conditions to be effective in that role.

We will prepare and submit a work plan describing the remediation technology that has been selected for the site, including the general design of the remediation system and proposed monitoring procedures, analytes, and reporting schedules.

Sincerely,

Douglas Kunkel

Douglas Kunkel, L.G., L.H.G.
Principal Hydrogeologist



ENCLOSURES

Tables

Table 1	Estes West Monitoring Well Measuring Point Elevations
Table 2	Phase II ESA Soil Sampling Analytical Results in mg/kg
Table 3	Phase II ESA Groundwater Sampling Analytical Results in µg/L

Figures

Figure 1	General Vicinity Map
Figure 2	Phase II ESA Probe Locations
Figure 3	Site Representation, Groundwater Elevations and Flow Directions

Attachment

Attachment A	Laboratory Data Sheets

Tables

Table 1
Estes West Monitoring Well Measuring Point Elevations

Well ID	Previous Measuring Point Elevation[a]	Revised Measuring Point Elevation[b]
MW-1	100.51	95.46
MW-2	100.56	95.52
MW-3	100.50	95.47
MW-4	100.61	95.61
MW-5	Not Surveyed	95.58
MW-6	Not Surveyed	95.44

[a]Surveyed by EMR to an assumed elevation benchmark of 100 ft., location unknown.

[b]EPI survey performed 10/15/13. Surveyed to an assumed 100 ft. benchmark is top of bollard at NW corner of maintenance building.

Table 2
Phase II ESA Soil Sampling Analytical Results in mg/kg

Location ID	Sample ID	Sample Depth (ft. bgs)	DRPH[(a)]	HRPH[(a)]
DP-1	EW-DP-1:8	8	<25	<50
DP-2	EW-DP-2:7	7	<29	<57
DP-3	EW-DP-3:7	7	**180**	**280**
DP-4	EW-DP-4:7	7	<25	<50
DP-5	EW-DP-5:8	8	<27	<53
MTCA Method A Soil Cleanup Level (in mg/kg)			**2,000**	**2,000**

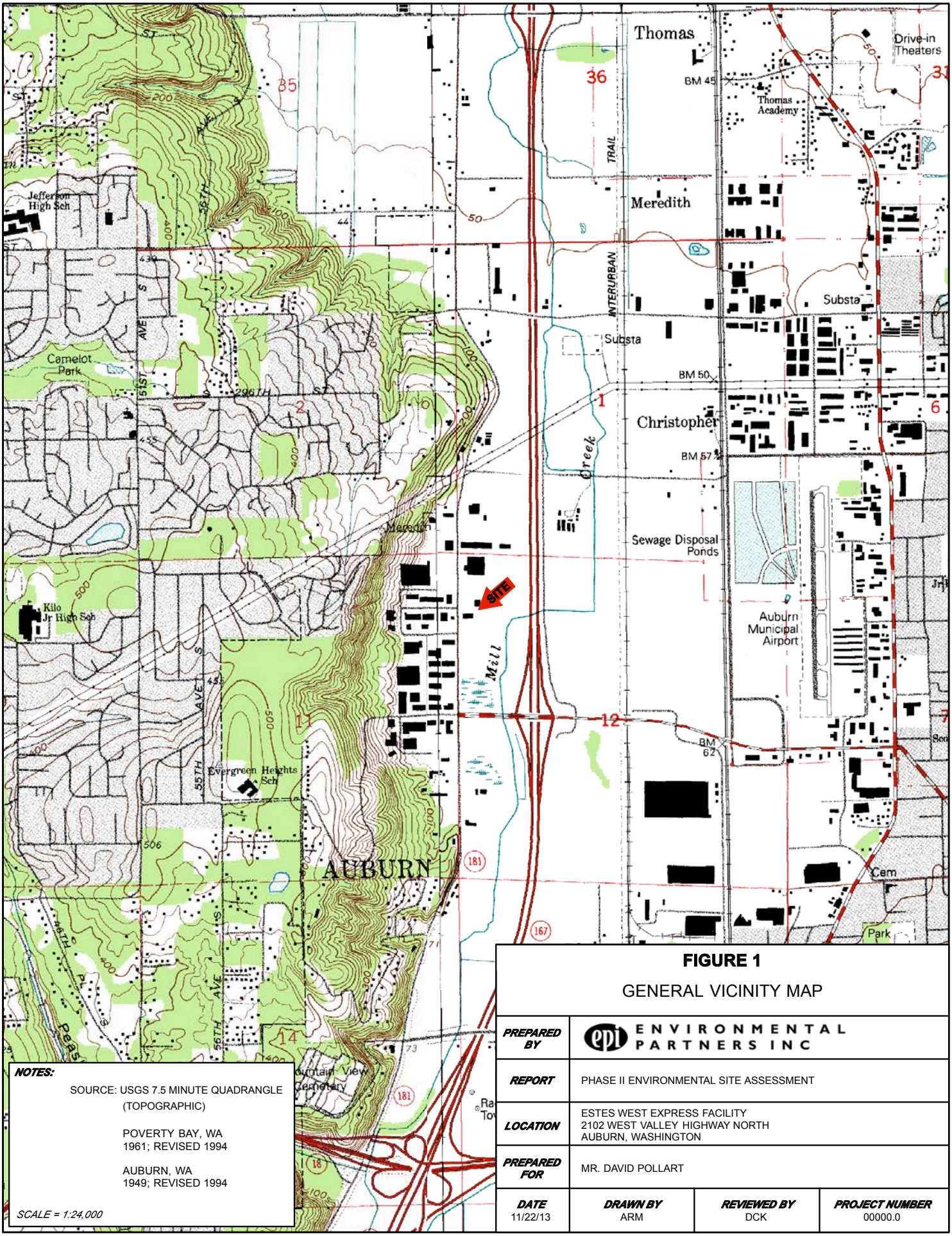
Notes:
(a) Analyzed for diesel (DRPH) and higher-range hydrocarbons (HRPH) using Ecology Method NWTPH-Dx
bgs = below ground surface
mg/kg = milligrams per kilogram
< = Not detected at the listed reporting limit
Bold = Detected, concentration less than MTCA Method A Soil Cleanup Level for Unrestricted Land Uses
Bold and Shaded = Detected, concentration greater than MTCA Method A Soil Cleanup Level for Unrestricted Land Uses

Table 3
Phase II ESA Groundwater Sampling Analytical Results in µg/L

Location ID	Sample ID	DRPH[(a)]	HRPH[(a)]
DP-1	EW-DP-1	**180**	<250
DP-2	EW-DP-2	**760**	**1,100**
DP-3	EW-DP-3	**66,000**	**97,000**
DP-4	EW-DP-4	**1,100**	**2,400**
DP-5	EW-DP-5	<130	<250
DP-6	EW-DP-6	**150**	<250
DP-7	EW-DP-7	<130	<250
DP-8	EW-DP-8	**410**	**730**
DP-9	EW-DP-9	<130	<250
MW-1	MW-1	**1,100**	**290**
MW-2	MW-2	**280**	<250
MW-3	MW-3	**140**	<250
MW-4	MW-4	**200**	<250
MW-5	MW-5	**56**	<250
MW-6	MW-6	**790**	<250
MTCA Method A Groundwater Cleanup Level (in µg/L)		**500**	**500**

Notes:
(a) Analyzed for diesel (DRPH) and higher-range hydrocarbons (HRPH) using Ecology Method NWTPH-Dx
µg/L = micrograms per liter
< = Not detected at the listed reporting limit
Bold = Detected, concentration less than MTCA Method A Groundwater Cleanup Level
Bold and Shaded = Detected, concentration greater than MTCA Method A Groundwater Cleanup Level

Figures



NOTES:

SOURCE: USGS 7.5 MINUTE QUADRANGLE (TOPOGRAPHIC)

POVERTY BAY, WA
1961; REVISED 1994

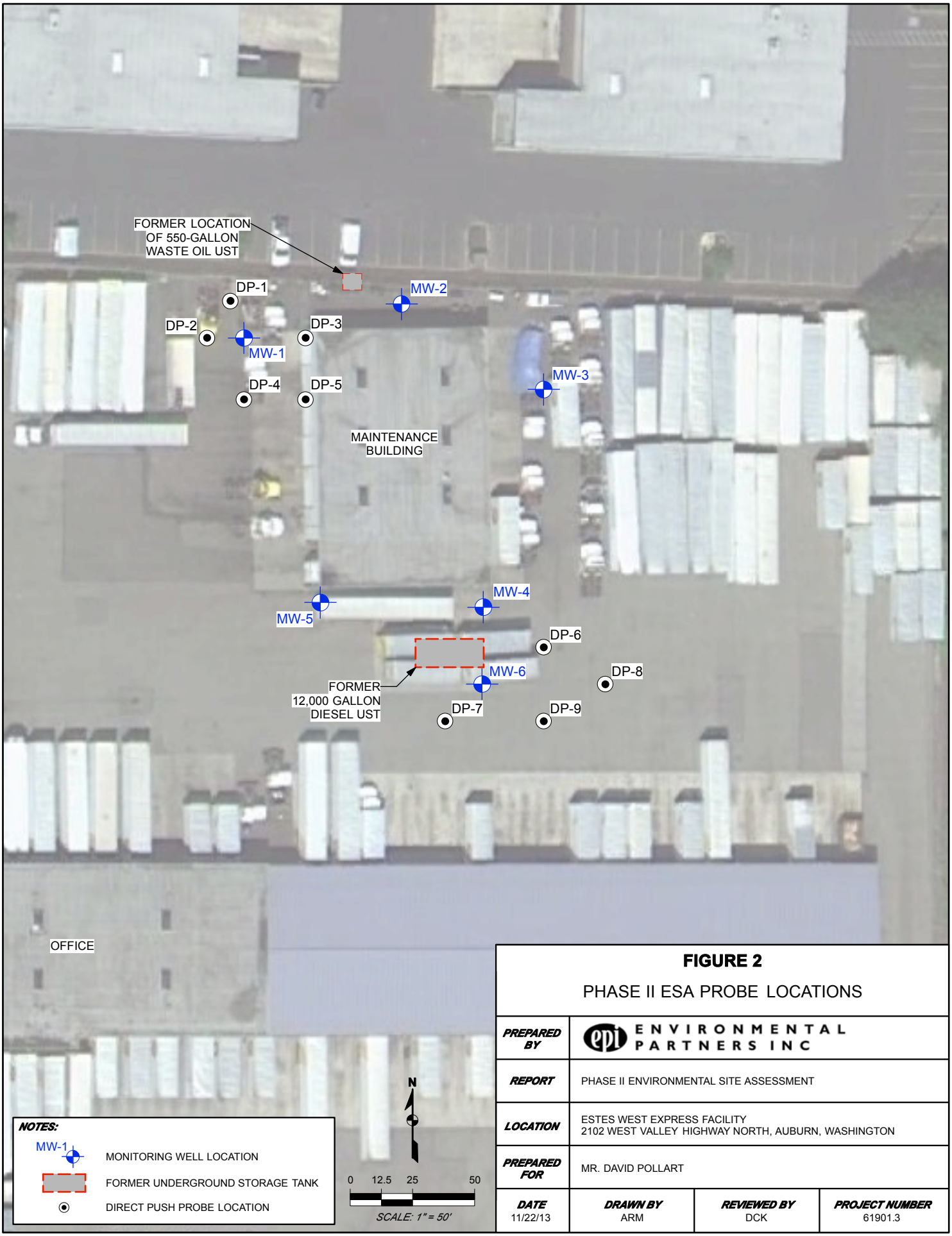
AUBURN, WA
1949; REVISED 1994

SCALE = 1:24,000

FIGURE 1

GENERAL VICINITY MAP

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	PHASE II ENVIRONMENTAL SITE ASSESSMENT		
LOCATION	ESTES WEST EXPRESS FACILITY 2102 WEST VALLEY HIGHWAY NORTH AUBURN, WASHINGTON		
PREPARED FOR	MR. DAVID POLLART		
DATE 11/22/13	***DRAWN BY*** ARM	***REVIEWED BY*** DCK	***PROJECT NUMBER*** 00000.0



NOTES:

MW-1 MONITORING WELL LOCATION

FORMER UNDERGROUND STORAGE TANK

DIRECT PUSH PROBE LOCATION

FIGURE 2

PHASE II ESA PROBE LOCATIONS

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	PHASE II ENVIRONMENTAL SITE ASSESSMENT		
LOCATION	ESTES WEST EXPRESS FACILITY 2102 WEST VALLEY HIGHWAY NORTH, AUBURN, WASHINGTON		
PREPARED FOR	MR. DAVID POLLART		
DATE 11/22/13	**DRAWN BY** ARM	**REVIEWED BY** DCK	**PROJECT NUMBER** 61901.3

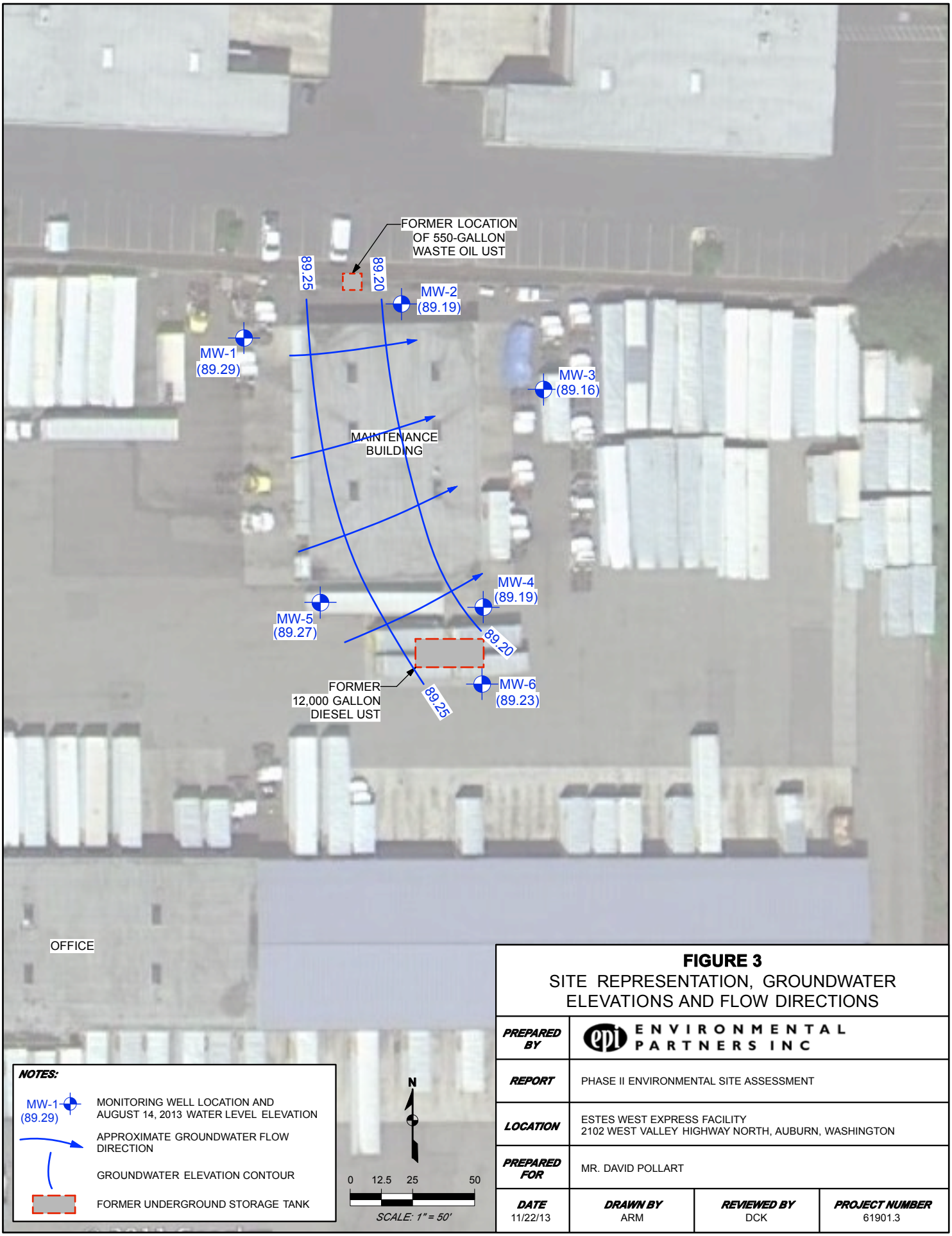


FIGURE 3
SITE REPRESENTATION, GROUNDWATER ELEVATIONS AND FLOW DIRECTIONS

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	PHASE II ENVIRONMENTAL SITE ASSESSMENT		
LOCATION	ESTES WEST EXPRESS FACILITY 2102 WEST VALLEY HIGHWAY NORTH, AUBURN, WASHINGTON		
PREPARED FOR	MR. DAVID POLLART		
DATE 11/22/13	***DRAWN BY*** ARM	***REVIEWED BY*** DCK	***PROJECT NUMBER*** 61901.3

Attachment A
Laboratory Data Sheets

October 29, 2013

Mr. Doug Kunkel
Environmental Partners, Inc.
295 NE Gilman Blvd., Suite 201
Issaquah, WA 98027

Dear Mr. Kunkel,

On October 23rd, 14 samples were received by our laboratory and assigned our laboratory project number EV13100163. The project was identified as your 61901.3. The sample identification and requested analyses are outlined on the attached chain of custody record.

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

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

Sincerely,

ALS Laboratory Group

Rick Bagan
Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027	DATE:	10/29/2013
		ALS JOB#:	EV13100163
		ALS SAMPLE#:	-01
CLIENT CONTACT:	Doug Kunkel	DATE RECEIVED:	10/23/2013
CLIENT PROJECT:	61901.3	COLLECTION DATE:	10/22/2013 10:52:00 AM
CLIENT SAMPLE ID	EW-DP-1:8	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/24/2013	EBS
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/24/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**98.5**	10/24/2013	EBS

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027	DATE:	10/29/2013
		ALS JOB#:	EV13100163
		ALS SAMPLE#:	-02
CLIENT CONTACT:	Doug Kunkel	DATE RECEIVED:	10/23/2013
CLIENT PROJECT:	61901.3	COLLECTION DATE:	10/22/2013 10:20:00 AM
CLIENT SAMPLE ID	EW-DP-2:7	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	29	1	MG/KG	10/24/2013	EBS
TPH-Oil Range	NWTPH-DX	U	57	1	MG/KG	10/24/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**97.3**	10/24/2013	EBS

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	10/29/2013 EV13100163 -03
CLIENT CONTACT:	Doug Kunkel	DATE RECEIVED:	10/23/2013
CLIENT PROJECT:	61901.3	COLLECTION DATE:	10/22/2013 8:44:00 AM
CLIENT SAMPLE ID	EW-DP-3:7	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**180**	25	1	MG/KG	10/24/2013	EBS
TPH-Oil Range	NWTPH-DX	**280**	50	1	MG/KG	10/24/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**96.4**	10/24/2013	EBS

Chromatogram indicates that it is likely that sample contains weathered diesel and lube oil.
Diesel range product reporting limits raised due to motor oil range product overlap.

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ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	10/29/2013 EV13100163 -04
CLIENT CONTACT:	Doug Kunkel	DATE RECEIVED:	10/23/2013
CLIENT PROJECT:	61901.3	COLLECTION DATE:	10/22/2013 9:51:00 AM
CLIENT SAMPLE ID	EW-DP-4:7	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/24/2013	EBS
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/24/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**98.0**	10/24/2013	EBS

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

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ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	10/29/2013 EV13100163 -05
CLIENT CONTACT:	Doug Kunkel	DATE RECEIVED:	10/23/2013
CLIENT PROJECT:	61901.3	COLLECTION DATE:	10/22/2013 9:17:00 AM
CLIENT SAMPLE ID	EW-DP-5:8	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	27	1	MG/KG	10/24/2013	EBS
TPH-Oil Range	NWTPH-DX	U	53	1	MG/KG	10/24/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**102**	10/24/2013	EBS

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

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ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	10/29/2013 EV13100163 -06
CLIENT CONTACT:	Doug Kunkel	DATE RECEIVED:	10/23/2013
CLIENT PROJECT:	61901.3	COLLECTION DATE:	10/22/2013 10:54:00 AM
CLIENT SAMPLE ID	EW-DP-1:GW	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**180**	130	1	UG/L	10/28/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/28/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**117**	10/28/2013	EBS

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	10/29/2013 EV13100163 -07
CLIENT CONTACT:	Doug Kunkel	DATE RECEIVED:	10/23/2013
CLIENT PROJECT:	61901.3	COLLECTION DATE:	10/22/2013 10:26:00 AM
CLIENT SAMPLE ID	EW-DP-2:GW	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**760**	130	1	UG/L	10/26/2013	EBS
TPH-Oil Range	NWTPH-DX	**1100**	250	1	UG/L	10/26/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**104**	10/26/2013	EBS

Chromatogram indicates that it is likely that sample contains weathered diesel and lube oil.
Diesel range product results biased high due to oil range product overlap.

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CERTIFICATE OF ANALYSIS

CLIENT:	Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	10/29/2013 EV13100163 -08
CLIENT CONTACT:	Doug Kunkel	DATE RECEIVED:	10/23/2013
CLIENT PROJECT:	61901.3	COLLECTION DATE:	10/22/2013 8:52:00 AM
CLIENT SAMPLE ID	EW-DP-3:GW	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**66000**	2600	20	UG/L	10/26/2013	EBS
TPH-Oil Range	NWTPH-DX	**97000**	5000	20	UG/L	10/26/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25 20X Dilution	NWTPH-DX	**141 DS2**	10/26/2013	EBS

DS2 - Due to high dilution factor surrogate results should be considered uncontrolled.
Chromatogram indicates that it is likely that sample contains weathered diesel and lube oil.
Diesel range product results biased high due to oil range product overlap.

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ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	10/29/2013 EV13100163 -09
CLIENT CONTACT:	Doug Kunkel	DATE RECEIVED:	10/23/2013
CLIENT PROJECT:	61901.3	COLLECTION DATE:	10/22/2013 9:55:00 AM
CLIENT SAMPLE ID	EW-DP-4:GW	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**1100**	130	1	UG/L	10/26/2013	EBS
TPH-Oil Range	NWTPH-DX	**2400**	250	1	UG/L	10/26/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**88.9**	10/26/2013	EBS

Chromatogram indicates that it is likely that sample contains weathered diesel and lube oil.
Diesel range product results biased high due to oil range product overlap.

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ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	10/29/2013 EV13100163 -10
CLIENT CONTACT:	Doug Kunkel	DATE RECEIVED:	10/23/2013
CLIENT PROJECT:	61901.3	COLLECTION DATE:	10/22/2013 9:23:00 AM
CLIENT SAMPLE ID	EW-DP-5:GW	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	10/28/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/28/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**103**	10/28/2013	EBS

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

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ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	10/29/2013 EV13100163 -11
CLIENT CONTACT:	Doug Kunkel	DATE RECEIVED:	10/23/2013
CLIENT PROJECT:	61901.3	COLLECTION DATE:	10/22/2013 12:07:00 PM
CLIENT SAMPLE ID	EW-DP-6:GW	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**150**	130	1	UG/L	10/28/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/28/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**79.3**	10/28/2013	EBS

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

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ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	10/29/2013 EV13100163 -12
CLIENT CONTACT:	Doug Kunkel	DATE RECEIVED:	10/23/2013
CLIENT PROJECT:	61901.3	COLLECTION DATE:	10/22/2013 11:36:00 AM
CLIENT SAMPLE ID	EW-DP-7:GW	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	10/28/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/28/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**88.7**	10/28/2013	EBS

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

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ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	10/29/2013 EV13100163 -13
CLIENT CONTACT:	Doug Kunkel	DATE RECEIVED:	10/23/2013
CLIENT PROJECT:	61901.3	COLLECTION DATE:	10/22/2013 1:02:00 PM
CLIENT SAMPLE ID	EW-DP-8:GW	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	**410**	130	1	UG/L	10/26/2013	EBS
TPH-Oil Range	NWTPH-DX	**730**	250	1	UG/L	10/26/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**89.7**	10/26/2013	EBS

Chromatogram indicates that it is likely that sample contains weathered diesel and lube oil.
Diesel range product results biased high due to oil range product overlap.

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
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ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027	DATE: ALS JOB#: ALS SAMPLE#:	10/29/2013 EV13100163 -14
CLIENT CONTACT:	Doug Kunkel	DATE RECEIVED:	10/23/2013
CLIENT PROJECT:	61901.3	COLLECTION DATE:	10/22/2013 12:37:00 PM
CLIENT SAMPLE ID	EW-DP-9:GW	WDOE ACCREDITATION:	C601

DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	10/26/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/26/2013	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	**83.1**	10/26/2013	EBS

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

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

ALS Environmental

CERTIFICATE OF ANALYSIS

CLIENT:	Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027	DATE:	10/29/2013
		ALS SDG#:	EV13100163
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Doug Kunkel		
CLIENT PROJECT:	61901.3		

LABORATORY BLANK RESULTS

MB-102313S - Batch 7301 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	25	1	MG/KG	10/23/2013	EBS
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	10/23/2013	EBS

MB-102513W - Batch 7306 - Water by NWTPH-DX

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	10/25/2013	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	10/25/2013	EBS

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

CLIENT:	Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027	DATE:	10/29/2013
		ALS SDG#:	EV13100163
		WDOE ACCREDITATION:	C601
CLIENT CONTACT:	Doug Kunkel		
CLIENT PROJECT:	61901.3		

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 7301 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**103**			10/23/2013	EBS
TPH-Diesel Range - BSD	NWTPH-DX	**101**	**2**		10/23/2013	EBS

ALS Test Batch ID: 7306 - Water by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	**93.0**			10/25/2013	EBS
TPH-Diesel Range - BSD	NWTPH-DX	**96.9**	**4**		10/25/2013	EBS

APPROVED BY

Laboratory Director

ADDRESS 8620 Holly Drive, Suite 100, Everett, WA 98208 | PHONE 425-356-2600 | FAX 425-356-2626
ALS Laboratory Group A Campbell Brothers Limited Company

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

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV13100163

Date 10-22-13 Page 1 Of 2

PROJECT ID: ~~61901.03~~ 61901.3
REPORT TO COMPANY: Environmental Partners Inc (EPI)
PROJECT MANAGER: Doug Kunkel
ADDRESS: 295 NE Gilman Blvd Ste 201
Issaquah WA 98027
PHONE: 425-988-4090 FAX:
P.O. #: 61901 E-MAIL: dougk@epi-wa.com
INVOICE TO COMPANY: EPI
ATTENTION: ~~Tom E~~ Monty Busbee
ADDRESS: Tome@epi-wa.com

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021 ☐ EPA-8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐	PCB ☐ Pesticides ☐ by EPA 8081/8082	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. EW-DP-1:8	10/22/13	1052	Soil	1		X															1	
2. EW-DP-2:7		1020		2		X															1	
3. EW-DP-3:7		0844		3		X															1	
4. EW-DP-4:7		0951		4		X															1	
5. EW-DP-5:8		0917		5		X															1	
6. EW-DP-1:GW		1054	Water	6		X															1	
7. EW-DP-2:GW		1026		7		X															1	
8. EW-DP-3:GW		0852		8		X															1	
9. EW-DP-4:GW		0955		9		X															1	
10. EW-DP-5:GW		0923		10		X															1	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: [signature] EPI 10/23/13
   Received By: [signature] ALS 10/23/13 1150
2. Relinquished By: _____
   Received By: _____

TURNAROUND REQUESTED in Business Days*

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

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

OTHER: Specify: EDD

* *Turnaround request less than standard may incur Rush Charges*

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

Chain Of Custody/ Laboratory Analysis Request

ALS Job# (Laboratory Use Only): EV13100163

Date 10/22/13 Page 2 Of 2

PROJECT ID: 61901.3
REPORT TO COMPANY: EPI
PROJECT MANAGER: Doug Kunkel
ADDRESS: 295 NE Gilman Blvd Ste 201
Issaquah WA 98027
PHONE: FAX:
P.O. #: E-MAIL: dougk@epi-wa.com
INVOICE TO COMPANY: See pg 1
ATTENTION:
ADDRESS:

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021 ☐ EPA-8260 ☐	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM ☐	PCB ☐ Pesticides ☐ by EPA 8081/8082	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. EW-DP-6:GW	10/22/13	1207	Water	11		X														1	
2. EW-DP-7:GW		1136		12		X														1	
3. EW-DP-8:GW		1302		13		X														1	
4. EW-DP-9:GW		1237		14		X														1	
5.																					
6.																					
7.																					
8.																					
9.																					
10.																					

LABORATORY COPY

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: [signature] EPI 10/23/13
   Received By: [signature] ALS 10/23/13 1150
2. Relinquished By:
   Received By:

TURNAROUND REQUESTED in Business Days*

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

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

OTHER: Specify: EDD

* Turnaround request less than standard may incur Rush Charges