

Final Remedial Investigation Report

Oline Storage Yard 1915 Marine View Drive Tacoma, Washington

Prepared For:

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ATTACHMENTS

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ABBREVIATIONS AND ACRONYMS

Abbreviation/

Acronym Definition

AST Aboveground storage tank

COPC Contaminant of potential concern

DCB Decachlorobiphenyl
DPT Direct-push technology

Ecology Washington State Department of Ecology
EPA U.S. Environmental Protection Agency

EPI Environmental Partners, Inc.
IDW Investigation-derived waste
mg/kg Milligrams per kilogram

µg/L Microgram per liter

MTCA Model Toxics Control Act

Order Agreed Order No. DE 8796
PCBs Polychlorinated biphenyls
PID Photoionization detector

PRS Petroleum Reclaiming Services, Inc.
QA/QC Quality Assurance/Quality Control
RCW Revised Code of Washington

RI Remedial Investigation

RI/FS Remedial Investigation/Feasibility Study

RIR Remedial Investigation Report
RI WP Remedial Investigation Work Plan

subject property Oline Storage Yard – 1915 Marine View Drive, Tacoma, Washington

SVOC Semivolatile organic compound TCMX 2,4,5,6-Tetrachloro-m-xylene

TPCHD Tacoma-Pierce County Health Department TSCA Federal Toxic Substances Control Act

VOC Volatile organic compound WAP Waste Analysis Plan

1.0 INTRODUCTION

1.1 Purpose

Environmental Partners, Inc. (EPI) has completed this *Remedial Investigation Report* (RIR) for the property located at 1915 Marine View Drive (also referred to as 1905 Marine View Drive) in Tacoma, Washington (subject property). The RIR was prepared in compliance with Agreed Order No. DE 8796 (Order) between the Washington State Department of Ecology (Ecology) and Mr. Don Oline, now The Estate of Don Oline. The effective date of the Order is January 3, 2012.

The Order was issued pursuant to the authority of the Model Toxics Control Act (MTCA), Revised Code of Washington (RCW), Chapter 70.105D.050(1). The Order identified Mr. Don Oline as an "Operator" and Mr. Ron Oline as an "Owner" as defined in RCW Chapter 70.105D.020(17)(a), Mr. Ron Oline is not a signatory to the Order, but does serve as the Personal Representative of The Estate of Don Oline.

The Order requires the identification and disposal of wastes located at the subject property (completed in March 2013), performance of a Remedial Investigation / Feasibility Study (RI/FS) of the subject property, and if necessary, development of a draft Cleanup Action Plan (CAP) based on the outcome of the RI/FS.

In accordance with the *Final Remedial Investigation Work Plan* (final RI WP) prepared by EPI and dated May 9, 2013, the objective of the work and conclusions described in this RIR was to assess and characterize concentrations of contaminants of potential concern (COPCs) that included polychlorinated biphenyls (PCBs) and, if field observations and screening indicted the presence of lime-sludge deposits, volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). Mr. Marv Coleman, Project Manager for Ecology, was consulted prior to finalizing the RI WP and his comments and suggestions were incorporated in the final RI WP.

1.2 Site Location, Ownership, and Adjacent Property Use

The subject property is located in Tacoma, Washington, as presented in Figure 1 General Vicinity Map. The Pierce County Assessor's Office describes the subject property as parcel number 0321362052 measuring approximately 6.6 acres with a land use code of 8505-Quarry Sand Rock. The Pierce County Assessor's records indicate the current owner is Mr. Ronald S. Oline. Vehicle access to the subject property is from the south through a gate located on the north side of Marine View Drive (see Figure 2 Site Representation).

Based on information obtained from the Pierce County Assessor's office, the properties adjacent to the subject property are listed below:

- North: 19.33-acre lot owned by the Port of Tacoma; land use code 9100—Vacant Land, Undeveloped; parcel number 0321253043.
- East: 6.25-acre lot owned by Leslie P. Sussman, et al.; land use code 9180—Vacant Industrial Land; parcel number 0321362051.

- South: 2.4199-acre lot owned by Manke Timber Company; land use code 9180—Vacant Industrial Land; parcel number 0321362035.
- West: 6.5886-acre lot owned by Jones Chemical, Inc.; land use code 2800—Chemical Manufacturing; parcel number 0321362049.

Note that the east-adjacent property (also known as the 1913 Marine View Drive Site) is under Agreed Order No. DE-1679 for the reported improper disposal of the following:

- Lime-sludge from the Occidental Chemical Corporation Tacoma Facility; and
- Auto-shredder residue (ASR) from General Metals of Tacoma.

1.3 Tax Description of Property

The tax description of the subject property provided by Pierce County Assessor records is:

Section 36 Township 21 Range 03 Quarter 21: BEG AT A PT 250 FT W OF NE COR GOVT LOT 1 TH CONT W ALG N LI SEC TO A PT 408.15 FT E OF E LI JULIAS GULCH RD TH S 10 DEG 37 MIN 12 SEC W 701.32 FT TO A PT ON SLY LI OF TR CYD TO FOSS LAUNCH & TUG CO BY FEE # 1942293 TH S 68 DEG 41 MIN 35 SEC E 306.18 FT TH NELY TO POB EASE OF RECORD OUT OF 2/050 SEG H 2352 BG

1.4 Subject Property History

Mr. Don Oline purchased the property on July 13, 1999 from Woodworth & Company, Inc. Mr. Don Oline titled the subject property in his son's name, Mr. Ronald S. Oline (Mr. Ron Oline). Soon after purchase, Mr. Don Oline began a heavy equipment dismantling operation at the subject property with the objective of recovering recyclable materials for off-site sale. In June 2002, inspectors from the Tacoma-Pierce County Health Department (TPCHD) conducted an inspection of the subject property and collected samples of stained surface soils. The analytical results indicated that "...concentrations of diesel and heavy motor oil petroleum hydrocarbons were present at levels above MTCA cleanup standards." (Section V of the Order).

Ecology began an investigation at the subject property in May 2004. According to the Order, analysis of soil samples collected during this investigation indicated concentrations of polycyclic aromatic hydrocarbons (PAHs), phthalates, 2-4-dinitrotoluene, 2-nitroaniline, and petroleum hydrocarbons at concentrations greater than potentially applicable soil cleanup levels. Using data gathered from the 2002 TPCHD and 2004 Ecology inspections, the subject property underwent a Site Hazard Assessment (SHA) and in February 2008 Ecology calculated a Washington Ranking Method (WARM) score of 1 out of 5, which corresponds to Ecology's highest priority ranking while 5 is the lowest.

The U.S. Environmental Protection Agency (EPA) began an investigation at the subject property in November 2008. EPA's investigation was documented in the *TSCA/PCB Inspection Report*, dated January 20, 2010. During its investigation the EPA collected samples of both oil and soil from the subject property. Analysis of the oil sample indicated the presence of PCBs at a concentration greater than the applicable Federal Toxic Substances Control Act (TSCA) action level. PCBs were also detected in several soil samples at concentrations exceeding the TSCA soil cleanup level of 1 milligram per kilogram (mg/kg).

EPA's investigation appears to have originated as a result of a complaint from a used oil recycler (Petroleum Reclaiming Services, Inc. [PRS]) who had reported the presence of PCBs in oil that they had allegedly collected at the subject property. It is important to note that The Estate of Don Oline denies the claim that it had PCB-containing materials on its property. A previous lawsuit initiated by PRS against the Estate of Don Oline claimed damages due to PRS's alleged receipt of PCB contaminated oil from the subject property. In a summary judgment, all but one of PRS' claims were ruled in favor of the Estate of Don Oline. The final claim was then dropped by PRS.

Mr. Don Oline contracted with EPI in October 2010 to review available information, conduct an initial subject property inspection and to meet with the EPA, Ecology, and TPCHD concerning the reported discovery of PCBs. Initial communications indicated that both Ecology and TPCHD had additional concerns regarding contaminants other than PCBs at the subject property. During subsequent meetings, it was agreed that Ecology would be the lead agency for the investigation and potential remediation of the subject property and that the mechanism for enforcement would be an Agreed Order.

In early 2011, Ecology indicated that although PCBs were a concern at the property, they were equally concerned with the potential of releases of apparent hazardous liquids inadequately stored at the subject property. Prior to commencing any assessment, characterization, or remediation of PCBs, Ecology required performance of a waste inventory at the subject property and, if necessary, waste characterization of any identified liquids for ultimate off-site disposal or recycling.

The waste inventory was conducted on May 26 and 27, 2011 and results were reported to Ecology in June 2011. Upon review of the waste inventory, Ecology stated in a letter dated June 9, 2011 that Mr. Don Oline would be required to prepare a *Waste Analysis Plan* (WAP) to be submitted for Ecology approval before characterizing and disposing/recycling materials stored at the subject property.

Ecology proceeded with preparation of the Order naming Mr. Don Oline (as Operator under RCW 70.105D.020(5)) and Mr. Ron Oline (as Owner under RCW 70.105D.020(17)(a)) as Potentially Liable Persons (PLPs). Only Mr. Don Oline is a signatory to the Order. The effective date of the Order is January 3, 2012.

Mr. Don Oline died on February 22, 2012. After his death, The Estate of Mr. Don Oline contracted with EPI to prepare the WAP in compliance with the Order. The WAP was submitted to Ecology on July 25, 2012 and approved on August 8, 2012. Representative samples of potential waste materials were collected between September 17 and 19, 2012. Upon receipt of final analytical results, waste removal

for disposal and recycling was conducted between January and March 2013. PCBs were not detected in any of the waste characterization samples.

Mr. Ron Oline, Mr. Coleman, and Mr. Jerry Boyd of EPI met on January 29, 2013 to establish the necessary scope of actions to prepare the RI WP. During this meeting, Mr. Coleman expressed two concerns for the subject property:

- Lime-sludge documented to have been improperly disposed on the east-adjacent property (1913 Marine View Drive Site) could have been placed in the central area of the subject property. Mr. Coleman's concerns were based on review of historical aerial photographs that appear to depict mounded, light-colored material in the central portion of the subject property. No other potential evidence of lime-sludge placement on the subject property is available.
- 2. The lateral and vertical extent of PCB concentrations in soil, as presented in EPA's *TSCA/PCB Inspection Report* had not been characterized.

During this meeting, it was agreed that the RI WP would assess surface and shallow subsurface soils in the vicinity of previously identified PCB impacts. Soil samples would be collected using direct-push technology (DPT) soil borings with several borings being advanced to terminal depths of 12 feet below ground surface to assess the potential presence of lime sludge. If suspected lime-sludge was observed, representative samples would be collected and analyzed for VOCs and SVOCs. If groundwater was encountered during soil boring activities, reconnaissance samples would be collected from the borings where encountered.

It was agreed during that meeting that if no lime sludge or related contaminants of concern were identified in soil at the subject property, investigation beyond what is necessary to fully characterize the extent of PCBs would not be necessary and pending full characterization of the extent of PCBs, the RI would be complete.

The final RI WP was submitted on May 8, 2013. The actions taken, data gathered, and conclusions supported by implementation of the RI WP are presented herein beginning with Section 3.0.

1.5 Soil and Groundwater Cleanup Levels

Based on previously collected data and consultation with Ecology, COPCs for the subject property are PCBs. Since lime-sludge deposits were not encountered during field activities, no other COPCs were identified during the performance of the RI WP. MTCA Method A Cleanup Levels for Unrestricted Land Use PCBs are:

- Soil 1 mg/kg as total PCBs (i.e., the total of all detected Aroclor values added together);
 and
- Groundwater 0.1 microgram per liter (μg/L) as total PCBs.

2.0 REMEDIAL INVESTIGATION OBJECTIVES

The main objective of the RI was to fill data gaps identified from review of the previous investigations and previously existing data for the subject property. As stated in the RI WP, the identified data gaps are:

- Disposition of the Suspected PCB Oil Aboveground Storage Tank (AST). The Order requires that the location and disposition of the AST that reportedly contained the PCB-contaminated oil be reported to Ecology. According to a July 13, 2011 letter to Ms. Kerry Graber (Ecology) from Mr. Clark Davis, attorney for Mr. Don Oline prior to his death in February 2012, Mr. Don Oline "sold the tank that allegedly contained PCB residue to Snitzer Steel as scrap." No other information regarding the AST is available.
- Characterization of the distribution of PCBs in Soil. The distribution of PCB impacts to soil, documented by EPA samples collected in November 2008, has been characterized both horizontally and vertically. In addition, the concrete slab where the oil AST had been located was characterized for PCBs.
- The potential presence of lime sludge/wastes. Ecology expressed concern that limesludge or other wastes associated with other documented Sites in the vicinity of the subject property may have been placed on the subject property at some time in the past. Evidence suggesting the presence of these materials was not observed during the performance of the RI.

3.0 SURFACE AND SUBSURFACE INVESTIGATION

As stated in the RI WP, two AOPCs were identified based on the EPA's TSCA/PCB Inspection Report:

- AOPC 1 Area centered on the former location of the oil AST where EPA reportedly collected an oil sample and a surface soil sample with reported PCB concentrations of 22,800 mg/kg and 59 mg/kg, respectively; and
- AOPC 2 Area centered on the geographic coordinates where EPA collected a surface sample in an area of discolored soil. A PCB concentration of 540 mg/kg was detected in the surface sample.

EPI was able to center AOPC 1 on the former location of the oil AST since they had observed it prior to removal from the subject property. To establish the location of AOPC 2, EPI used the coordinates reported in EPA's TSCA/PCB Inspection Report.

Collection, transport, and analysis of surface concrete, sub-concrete soil, surface soil, subsurface soil, and groundwater were completed using methods approved in the RI WP with no deviations.

3.1 AOPC 1

AOPC 1 is centered on the former location of an oil AST where EPA collected an oil sample and a surface soil sample with reported PCB concentrations of 22,800 mg/kg and 59 mg/kg, respectively. A concrete slab underlies the former location of the oil AST with soil occurring to the north and east. It is assumed that EPA's soil sample collected from this location was soil located on top of the concrete slab.

3.1.1 Concrete and Soil Samples

A total of seven borings were advanced within AOPC 1 on May 21, 2013. Three of the seven borings (CN300, CO290, and CO300) were located on the concrete slab while the remaining four borings (CN310, CO310, CP290, and CP300) were advanced through soil. In accordance with the RI WP, surface concrete samples were collected at boring locations CN300, CO290, and CO300 prior to advancing soil borings at these locations.

Samples for immediate analysis were collected from the surface (concrete or soil, depending on the grid node location), soil occurring immediately beneath the concrete slab, and from a depth of 1 foot beneath the surface. Soil samples were collected and archived for potential analysis from 2 and 4 feet below surface. Per the RI WP, one soil boring (CN300) was advanced to a depth of 12 feet below surface to observe for the presence of lime-sludge deposits. Additional archive soil samples were collected at 6, 8, 10, and 12 feet below surface at boring CN300. Groundwater was encountered at approximately 8 feet below surface at boring CN300 and is discussed in Section 3.1.2.

Due to the presence of PCB concentrations in concrete at locations CN300 and CO290, additional surface concrete samples at grid nodes CM300, CN290, CO280, and CP280 were collected on July 15, 2013. The additional concrete samples were collected in similar fashion and in accordance with procedures described in the RI WP.

3.1.1.1 Subsurface Conditions

Subsurface soils encountered at AOPC 1 were classified using the Unified Soil Classification System (USCS). Generally, the subject property is underlain by a Poorly-Graded Sand (SP) with Silt (SM) to a depth of approximately 2 feet below surface. Approximately one-half foot layer of Silty Gravel with Sand (GM) occurs at about 2 feet below surface. From approximately 2.5 feet below surface to the terminal depth of the borings was a Well-Graded Sand (SW) (coarse grain size) with trace amounts of gravel and silt. Lime-sludge deposits were not observed in any of the borings advanced at AOPC 1.

Descriptive boring logs are included as Attachment A to this report.

3.1.1.2 Analytical Results

Laboratory analytical results for samples collected during the initial sampling event (May 2013) indicate total PCB concentrations in surface concrete samples ranging from not detected (ND) to 1.9 mg/kg, while total concentrations in soil range from ND to 0.23 mg/kg. Due to the measured concentrations

greater than 1 mg/kg in surface concrete samples, a second sampling event occurred on July 15, 2013 in which surface concrete samples were collected from locations CM300, CN290, CO280, and CP280. Laboratory analytical results indicate that PCBs were not detected in samples collected during the second sampling event.

A summary of analytical results for concrete and soil samples collected from AOPC 1 is presented in Table 1. Sample locations and analytical results are presented on Figure 3.

Lime-sludge deposits were not observed in any of the borings advanced at AOPC 1 so analysis was limited to PCBs.

3.1.2 Groundwater Sample

Groundwater was encountered in boring CN300 at a depth of approximately 8 feet. A representative sample was collected using methods approved in the RI WP. Laboratory analytical results indicate that PCBs were not detected in groundwater. The laboratory method detection limit for individual Aroclors was $0.1 \, \mu g/L$.

A summary of analytical results for the groundwater sample is presented in Table 2. The locations of all borings advanced in AOPC 1 and analytical results are presented on Figure 3.

3.2 AOPC 2

AOPC 2 is centered on EPA's reported geographical coordinates for a soil sample with a reported PCB concentration of 540 mg/kg. The reported coordinates corresponded to an area where equipment had previously been located on bare soil and gravel.

3.2.1 Soil Samples

Boring locations CF380, CF390, CG370, CG380, CG390, CH370, and CH380 were advanced on May 21, 2013. Samples for immediate analysis were collected from 1 foot below surface. Soil samples were collected and archived for potential analysis from 2 and 4 feet below surface. Per the RI WP, one soil boring (CF380) was advanced to a depth of 12 feet below surface to observe for the presence of lime-sludge deposits. Archive soil samples were collected at 6, 8, 10, and 12 feet below surface at boring CF380. Groundwater was encountered at approximately 8 feet below surface at boring CF380 and is discussed in Section 3.2.2.

To further delineate PCB concentrations, additional surface soil samples were collected at grid nodes CH390, CI370, and CI380 on July 15, 2013.

3.2.1.1 Subsurface Conditions

Subsurface soils encountered at AOPC 2 were similar to conditions encountered in AOPC 1 and no lime-sludge deposits were observed. Descriptive boring logs are included as Attachment A to this report.

3.2.1.2 Analytical Results

Laboratory analytical results for samples collected during the initial sampling event (May 2013) indicate total PCB concentrations in surface soil samples ranging from ND to 1.3 mg/kg. PCBs were not detected in any of the subsurface soil samples. Due to the measured concentration greater than 1 mg/kg in the surface soil sample collected from location CH380, a second sampling event occurred on July 15, 2013 in which surface soil samples were collected from locations CH390, Cl370, and Cl380. Laboratory analytical results for the second sampling event indicate total PCB concentrations ranging from ND to 0.28 mg/kg.

A summary of analytical results for concrete and soil samples collected from AOPC 2 is presented in Table 3. Sample locations and analytical results are presented on Figure 4.

Lime-sludge deposits were not observed in any of the boring advanced at AOPC 2 so analysis was limited to PCBs.

3.2.2 Groundwater Sample

Groundwater was encountered in boring CF380 at a depth of approximately 8 feet. A representative sample was collected using methods approved in the RI WP. Analytical results indicate that PCBs were not detected in groundwater. The laboratory method detection limit for individual Aroclors is $0.1 \,\mu\text{g/L}$.

A summary of analytical results for groundwater is presented in Table 2. The locations of all borings advanced in AOPC 2 and analytical results are presented on Figure 4.

4.0 QUALITY ASSURANCE ADMINISTRATIVE PLAN

Samples were collected, transported, and analyzed per the approved methods described in the RI WP.

In accordance with the RI WP, quality assurance and quality control (QA/QC) measures were taken to evaluate laboratory precision. QA/QC measures were separated into two phases: collection of field sampling QA/QC samples; and laboratory internal QC matrix spike samples, matrix spike duplicate samples, laboratory duplicate samples, and method blanks, as well as other QC samples required for individual methods.

Field sampling QA/QC included the collection and analysis of Blind Duplicate (BD) samples. Since sample collection equipment was new and disposable, no equipment blank samples were collected per the RI WP. Since lime-sludge deposits were not observed during the subsurface investigation, VOCs were not analyzed and therefore a trip blank was not analyzed.

One BD sample was collected at each AOPC and analyzed for PCBs using SW-846 Method 8082. Specifically, sample BD-1 was a duplicate of sample CF380:1, while BD-2 was a duplicate of sample CP290:0. A comparison of the original and duplicate sample analytical results is presented below:

No PCBs were detected in samples BD-1 and CF380:1.

 Aroclor 1248 concentrations were 0.17 and 0.23 mg/kg in BD-2 and CP290:0, respectively. The deviation was 0.06 mg/kg, or approximately 19 percent, which is within the acceptable

criterion of 30 percent difference.

4.1 **Laboratory Analytical Plan**

ALS Environmental, a fixed-base laboratory located in Everett, Washington, analyzed all samples.

Samples were analyzed using SW-846 Test Methods for Evaluating Solid Waste (SW-846) Method

8082.

The analytical laboratory conducted internal QA/QC checks adhering to established protocols. All laboratory QA/QC methods are reported in the laboratory reports for each set of samples submitted.

No laboratory abnormalities or procedural nonconformance were reported.

Laboratory QA/QC procedures and method detection limits for the contract lab are consistent with

EPA's SW-846 methods and in compliance with the National Environmental Laboratory Accreditation

Conference Institute (NELACI).

4.1.1 **Extraction Methods**

Per the requirements of 40 Code of Federal Regulations (CFR) §761, the laboratory used the following

methods for sample extraction:

· Soil or Concrete: SW-846 Method 3550; and

Water: SW-846 Method 3510.

4.1.2 **Extraction Cleanup Methods**

No extraction cleanup methods were required during laboratory analysis of the soil and groundwater

samples.

4.1.3 **Analytical Method**

Soil and groundwater samples were analyzed using EPA Method 8082.

4.1.4 **Surrogate Recoveries**

Surrogate recovery criteria for soil were:

2,4,5,6-Tetrachloro-m-xylene (TCMX) recovery between 33 and 146 percent; and

Decachlorobiphenyl (DCB) recovery between 30 and 155 percent.

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One soil sample did not meet a surrogate recovery criterion. DCB recovery in sample CG370:0 was 28.1 percent. However, recovery of TCMX was acceptable. No PCBs were detected in this sample.

Surrogate recovery criteria for aqueous solutions (i.e., groundwater) were:

- TCMX recovery between 5 and 120 percent; and
- DCB recovery between 10 and 131 percent.

All groundwater sample surrogate recoveries were within the above criteria.

4.2 Investigation-Derived Waste Management

Investigation-derived waste (IDW) consisting of soil cuttings and decontamination liquids produced during the RI were placed in Department of Transportation (DOT)-approved drums, labeled, and stored on-site. All IDW will be disposed off-site at appropriate facilities along with remedial excavation materials during the next phase of the project.

5.0 CONCLUSIONS

The following conclusions are supported by the findings of this investigation:

- The disposition of the oil AST where EPA detected PCBs cannot be determined. The sole person who would likely know the whereabouts of the AST, Mr. Don Oline, is deceased.
- PCB impacts within AOPC 1 are confined to concrete. Detected PCB concentrations in soil are less than the cleanup level and there were no detections in groundwater.
- PCB impacts within AOPC 2 are confined to surface soil. PCBs were not detected in subsurface soils or groundwater.
- Lime-sludge deposits were not placed at the subject property. The only area where
 Ecology indicated the possible placement of lime-sludge was within the flat area in the
 central portion of the property. Both AOPCs are located in this area and no evidence of
 lime-sludge was observed during this or any of the previous investigations.

6.0 RECOMMENDATIONS

Based on available data, EPI recommends the following actions:

Excavation and disposal of PCB-impacted concrete located within AOPC 1 and surface soil
within AOPC 2. Disposal should be at an approved solid waste landfill that, at a minimum,
is certified as a Subtitle D Landfill (i.e., municipal solid waste landfill). IDW generated
during characterization activities should be removed and disposed in a similar manner.

- Collection and analysis of confirmation concrete and soil samples from the limits of the
 excavations (i.e., sidewalls and floor). Laboratory analysis should be for the presence and
 concentration of PCBs using sampling methodology approved in the RI WP.
- Submission to Ecology of a final report documenting the disposal of PCB-impacted materials and results of confirmation sampling. The report should include disposal certificates and weight tickets for all PCB-impacted materials removed from the subject property.
- Submission of final confirmation sample data to Ecology's Environmental Information Management System (EIM) database.
- Backfill of remedial excavation areas with certified clean material (i.e., virgin gravel from a known source).

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Tab	les

Table 1 Summary of Analytical Results – AOPC 1 (mg/kg) Remedial Investigation Report Oline Storage Yard 1915 Marine View Drive Tacoma, Washington

Sample	Sample Depth	Date		Aroc	clors		Total
Identification	(feet)	Collected	1016	1248	1254	1260	PCBs
CM300	Concrete	07/15/2013	<0.10	<0.10	<0.10	<0.10	ND
CN290	Concrete	07/15/2013	<0.10	<0.10	<0.10	<0.10	ND
	Concrete	05/21/2013	<1.0	1.8	<1.0	<1.0	1.8
CN300	0	05/21/2013	<0.10	<0.10	<0.10	<0.10	ND
	1	05/21/2013	<0.10	<0.10	<0.10	<0.10	ND
CN310	0	05/21/2013	<0.10	<0.10	<0.10	<0.10	ND
CN310	1	05/21/2013	<0.10	<0.10	<0.10	<0.10	ND
CO280	Concrete	07/15/2013	<0.10	<0.10	<0.10	<0.10	ND
	Concrete	05/21/2013	<1.0	1.9	<1.0	<1.0	1.9
CO290	0	05/21/2013	<0.10	<0.10	<0.10	<0.10	ND
	1	05/21/2013	0.20	<0.20	<0.20	<0.20	0.2
	Concrete	05/21/2013	<0.10	0.13	<0.10	<0.10	0.13
CO300	0	05/21/2013	<0.10	<0.10	<0.10	<0.10	ND
	1	05/21/2013	<0.10	<0.10	<0.10	<0.10	ND
00040	0	05/21/2013	<0.10	<0.10	<0.10	<0.10	ND
CO310	1	05/21/2013	<0.10	<0.10	<0.10	<0.10	ND
CP280	Concrete	07/15/2013	<0.10	<0.10	<0.10	<0.10	ND
00000	0	05/21/2013	<0.10	0.23	<0.10	<0.10	0.23
CP290	1	05/21/2013	<0.10	<0.10	<0.10	<0.10	ND
CP300	0	05/21/2013	<0.10	<0.10	<0.10	<0.10	ND
CP300	1	05/21/2013	<0.10	<0.10	<0.10	<0.10	ND
MTCA Method Unrest	d A Soil Clean tricted Land U			1			

Notes:

All results are presented in milligrams per kilogram (mg/kg).

Bold Indicates that result is greater than the laboratory reporting limit.

Bold Indicates that the result is greater than the cleanup level.

PCBs Polychlorinated biphenyls.

ND Not detected.

a Model Toxics Control Act (MTCA) Table 740-1, Washington Administrative Code Chapter 173-340-900.

Table 2 Summary of Groundwater Analytical Results (μg/L) Remedial Investigation Report Oline Storage Yard 1915 Marine View Drive Tacoma, Washington

Sample	AOPC	Date		Total			
Identification	AOFC	Collected	1016	1248	1254	1260	PCBs
CF380	5/21/13	<0.10	<0.10	<0.10	<0.10	ND	
CN300	1	5/21/13	<0.10	<0.10	<0.10	<0.10	ND
MTCA Meth	od A Gro anup Lev				0.1		

Notes:

All results are presented in micrograms per liter (µg/L).

AOPC Area of potential concern. PCBs Polychlorinated biphenyls.

a Model Toxics Control Act (MTCA) Table 720-1, Washington Administrative Code Chapter 173-340-900.

Table 3 Summary of Analytical Results – AOPC 2 (mg/kg) Remedial Investigation Report Oline Storage Yard 1915 Marine View Drive Tacoma, Washington

Sample	Sample Depth	Date		Aroc	clors		Total
Identification	(feet)	Collected	1016	1248	1254	1260	PCBs
CF380	0	5/21/13	<0.10	<0.10	<0.10	<0.10	ND
CF360	1	5/21/13	<0.10	<0.10	<0.10	<0.10	ND
05000	0	5/21/13	<0.10	<0.10	<0.10	<0.10	ND
CF390	1	5/21/13	<0.10	<0.10	<0.10	<0.10	ND
00070	0	5/21/13	<0.10	<0.10	<0.10	<0.10	ND
CG370	1	5/21/13	<0.10	<0.10	<0.10	<0.10	ND
00000	0	5/21/13	<0.10	<0.10	<0.10	<0.10	ND
CG380	1	5/21/13	<0.10	<0.10	<0.10	<0.10	ND
00000	0	5/21/13	<0.10	<0.10	<0.10	<0.10	ND
CG390	1	5/21/13	<0.10	<0.10	<0.10	<0.10	ND
CH370	0	5/21/13	<0.10	<0.10	<0.10	<0.10	ND
CH370	1	5/21/13	<0.10	<0.10	<0.10	<0.10	ND
CH380	0	5/21/13	<1.0	1.3	<1.0	<1.0	1.3
СПЗОО	1	5/21/13	<0.10	<0.10	<0.10	<0.10	ND
CH390	0	7/15/13	<0.10	<0.10	0.17	0.11	0.28
Cl370	0	7/15/13	<0.10	<0.10	<0.10	<0.10	ND
Cl380	0	7/15/13	<0.10	<0.10	0.17	<0.10	0.17
MTCA Method Unrest			1				

Notes:

All results are presented in milligrams per kilogram (mg/kg).

Bold Indicates that result is greater than the laboratory reporting limit.

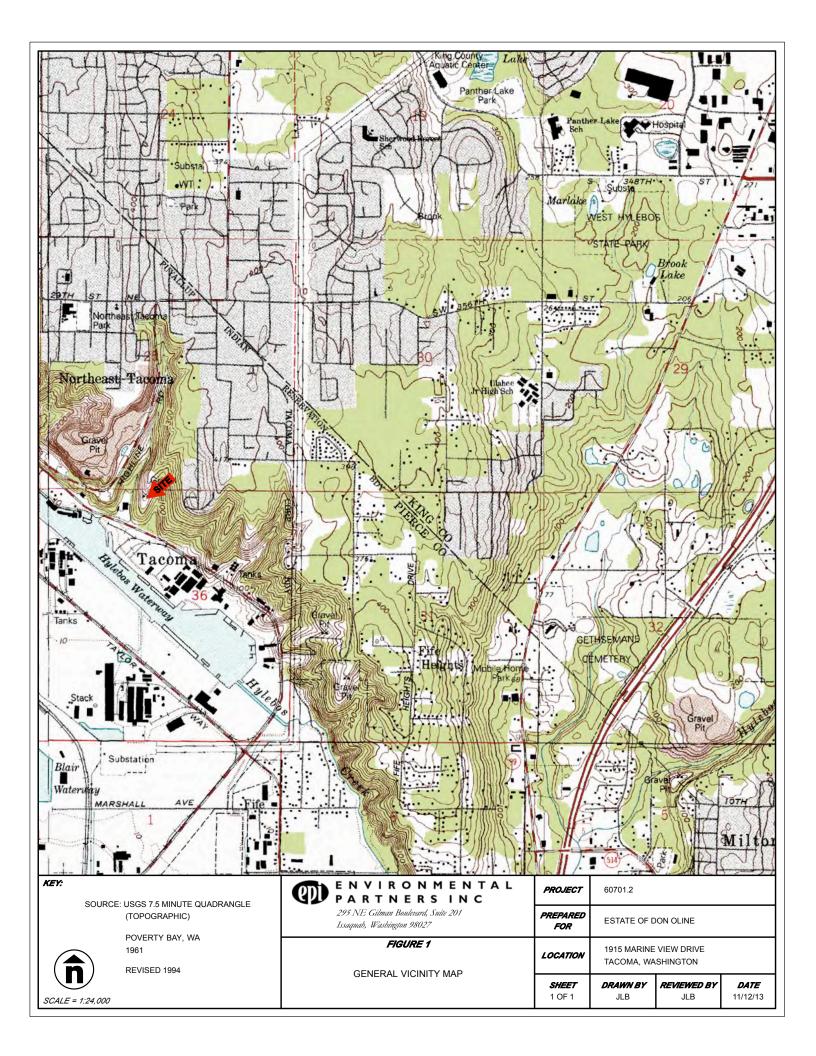
Bold Indicates that the result is greater than the cleanup level.

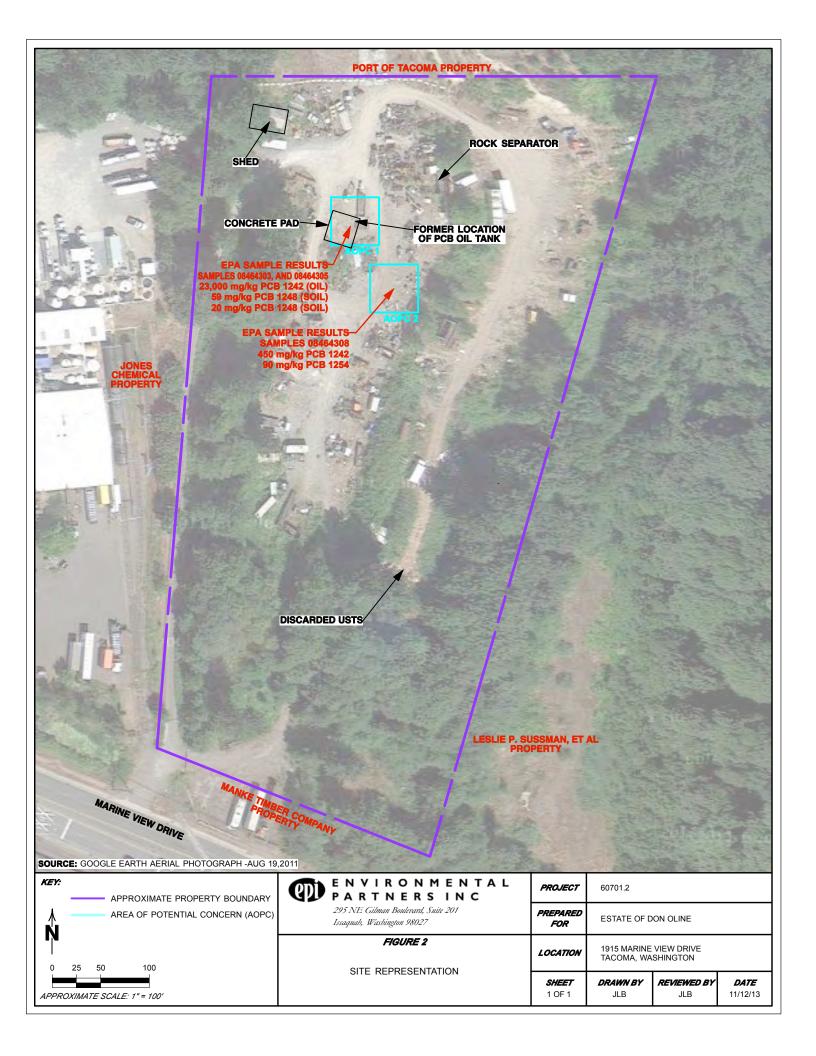
PCBs Polychlorinated biphenyls.

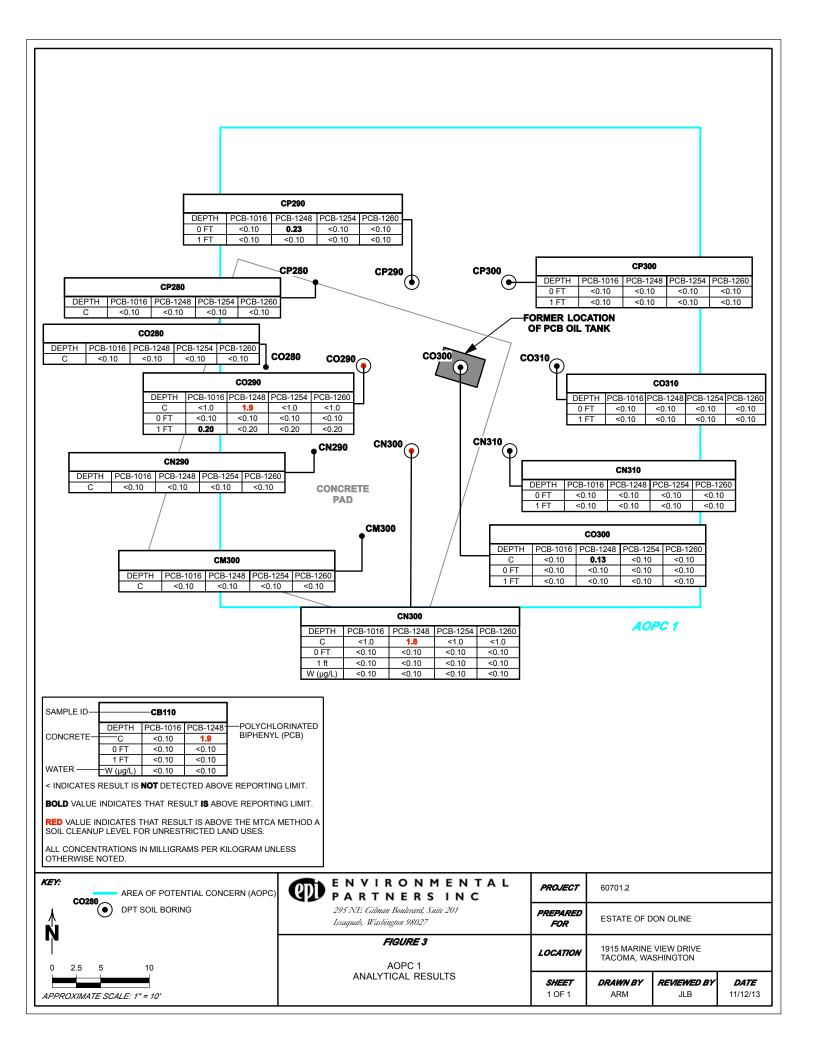
ND Not detected.

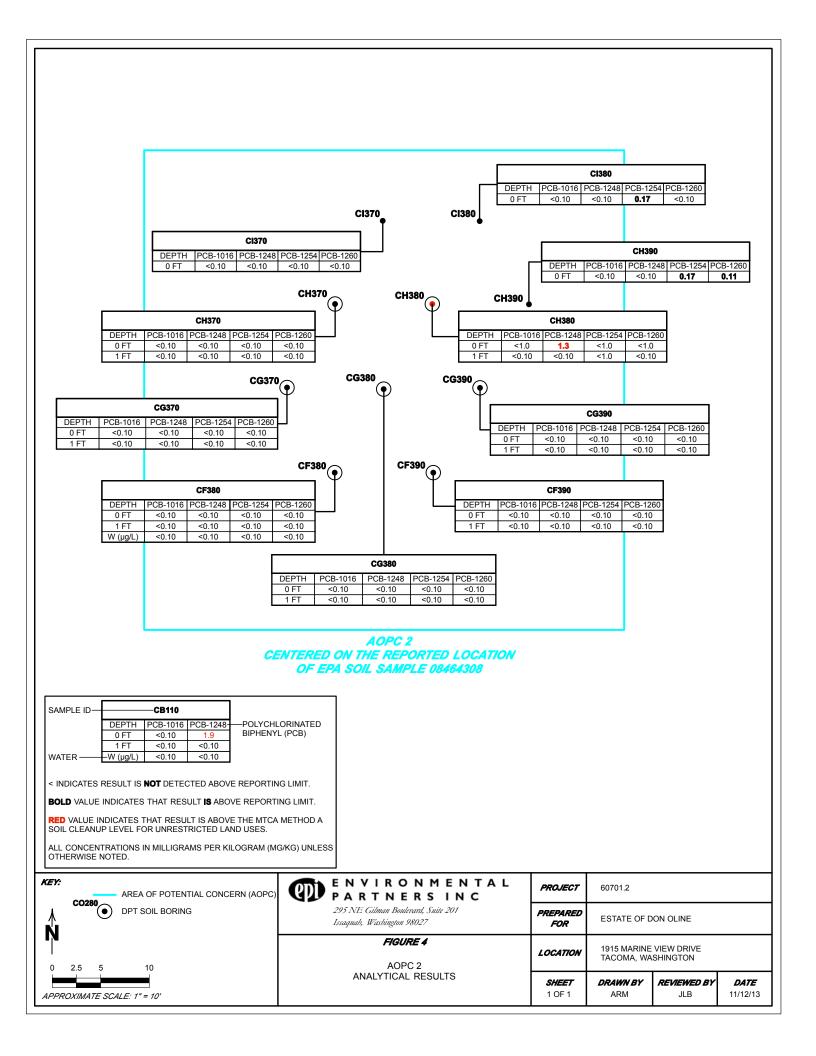
a Model Toxics Control Act (MTCA) Table 740-1, Washington Administrative Code Chapter 173-340-900.











Attachment A Boring Logs

Client: Estate of Don Oline

Site Address: 1915 Marine View Drive

Date of Drilling: 5/21/2013 **Logged by:** J. Boyd

Boring: CF380

Drilling Contractor: Cascade Drilling, L.P. Water Level (ft bgs):
Drill Equipment: Direct Push Technology Screen interval:

Borehole Size: 2-inch
Screen size:

Decommissioning Method: Bentonite Filter pack: Lithology Recovery Interval Depth (**USCS** PID Description Sample Sheen Well Data Comments **Ground Surface** 0 **GP** 0.0 No Poorly-graded Gravel with Sand Wet: fill SP-SM Poorly-graded Sand Temporary well 0.0 No Light brown to buff; slightly moist; 1 pulled upon mostly sand with silt and gravel completion of ground water 2 0.0 sample No 2 Silty Gravel with Sand **GM** collection; boring Dry; gravel is crystaline and blue abandoned with hydrated SW Well-graded Sand bentonite chips Tan to light brown; slightly moist to 40 PVC blank moist; trace gravel 0.0 No Sch. Tan to light brown, moist; coarse; เก trace silt 6 0.0 No 6 8 0.0 No 8 10 0.0 No 10-12 0.0 No 12-**End of Boring**

Client: Estate of Don Oline.

Drilling Contractor: Cascade Drilling, L.P.

Site Address: 1915 Marine View Drive

Drill Equipment: Direct Push Technology

Date of Drilling: 5/21/2013 **Logged by:** J. Boyd

Borehole Size: 2-inch
Decommissioning Method:

Direct-Push: CF390

		.	•						
Depth (ft)	Lithology	nscs	Description	Interval	Recovery	Sample	PID	Sheen	Comments
0-	ases and		Ground Surface						
-		GP	Poorly-graded Gravel with Sand Wet			2	0.0	No	
-		SP-	Poorly-graded Sand						
-		SM	Light brown to buff; slightly moist; mostly sand with silt and gravel				0.0	N-	
-						1	0.0	No	
-									
2-		GM	Silty Gravel with Sand			2	0.0	No	
-		SW	Dry; gravel is crystalline and blue	_					
-		300	Well-graded Sand Tan to light brown; slightly moist to						
-			moist; trace gravel						
-									
-						4	0.0	No	
4-			End of Boring	_		4	0.0	INO	
-			3						
-									
-									
-									
-									
6-									
_									
-									
-									
-									
-									
8-									
-									
-	-								
-									
-	-								
-									
10-									

Client: Estate of Don Oline Drilling Contractor: Cascade Drilling, L.P.
Site Address: 1915 Marine View Drive Drill Equipment: Direct Push Technology

Date of Drilling: 5/21/2013 Logged by: J. Boyd Borehole Size: 2-inch
Decommissioning Method:

Direct-Push: CG370

		(0)			T >		DID	01	0
Depth (ft)	Lithology	nscs	Description	Interval	Recovery	Sample	PID	Sheen	Comments
0-	7.55.477.	GP	Ground Surface Poorly-graded Gravel with Sand	⊣		2	0.0	No	
-	324.833		Wet: fill				0.0	110	
-		SP- SM	Poorly-graded Sand Light brown to buff; slightly moist; mostly sand with silt and gravel						
-	-		mostly sand with silt and gravel			1	0.0	No	
-									
_							0.0	NI-	
2-		GM	Silty Gravel with Sand Dry; gravel is crystaline and blue			2	0.0	No	
-	<i>DDD</i>	sw	Well-graded Sand						
-			Tan to light brown; slightly moist to moist; trace gravel						
-									
-							0.0	No	
4-	<u> </u>		End of Boring	_		4	0.0	INO	
-									
-									
-									
-									
6-									
-									
-									
-									
-									
8-									
-									
-									
-									
-									
-									
10-									

Client: Estate of Don Oline
Site Address: 1915 Marine View Drive

Date of Drilling: 5/21/2013 **Logged by:** J. Boyd

Direct-Push: CG380

Drilling Contractor: Cascade Drilling, L.P. **Drill Equipment:** Direct Push Technology

Borehole Size: 2-inch
Decommissioning Method:

Depth (ft)	Lithology	nscs	Description	Interval	Recovery	Sample	PID	Sheen	Comments
0-		GP	Ground Surface Poorly-graded Gravel with Sand Wet: fill			2	0.0	Yes	
- - -		SP- SM	Poorly-graded Sand Light brown to buff; slightly moist; mostly sand with silt and gravel			1	0.0	No	
2-		GM SW	Silty Gravel with Sand Dry; gravel is crystaline and blue Well-graded Sand	-		2	0.0	No	
- - - -			Tan to light brown; slightly moist to moist; trace gravel						
4-			End of Boring			4	0.0	No	
- - -									
6-									
- - -									
8-									
- - -									
10-									

Client: Estate of Don Oline
Site Address: 1915 Marine View Drive

Date of Drilling: 5/21/2013 Logged by: J. Boyd **Direct-Push: CG390**

Drilling Contractor: Cascade Drilling, L.P. **Drill Equipment:** Direct Push Technology

Borehole Size: 2-inch
Decommissioning Method:

Depth (ft)	Lithology	nscs	Description	Interval	Recovery	Sample	PID	Sheen	Comments
0-		GP	Ground Surface Poorly-graded Gravel with Sand Wet: fill			0	0.0	Yes	
-		SP- SM	Poorly-graded Sand Light brown to buff; slightly moist; mostly sand with silt and gravel			1	0.0	No	
2-	3///3 2//3 2//3 3//3 2//3 3//3 3//3 3//	GM SW	Silty Gravel with Sand Dry; gravel is crystaline and blue Well-graded Sand Tan to light brown; slightly moist to			2	0.0	No	
- - -			moist; trace gravel			4	0.0	No	
4-			End of Boring						
- - -									
6-									
- - -									
8-									
-									
10-									

Client: Estate of Don Oline

Drilling Contractor: Cascade Drilling, L.P. Drill Equipment: Direct Push Technology

Site Address: 1915 Marine View Drive Date of Drilling: 5/21/2013

Borehole Size: 2-inch

Direct-Push: CH370

Logged by: J. Boyd

Decommissioning Method:

Depth (ft)	Lithology	nscs	Description	Interval	Recovery	Sample	PID	Sheen	Comments
			Ground Surface						
0-		GP SP-	Poorly-graded Gravel with Sand Wet: fill Poorly-graded Sand			2	0.0	Slight	
- - - -		SM	Light brown to buff; slightly moist; mostly sand with silt and gravel			1	0.0	No	
2- 2-		GM	Silty Gravel with Sand Dry; gravel is crystaline and blue			2	0.0	No	
		SW	Well-graded Sand Tan to light brown; slightly moist to moist; trace gravel						
4-			End of Boring			4	0.0	No	
6									

Client: Estate of Don Oline Drilling Contractor: Cascade Drilling, L.P. Site Address: 1915 Marine View Drive Drill Equipment: Direct Push Technology

Date of Drilling: 5/21/2013 **Logged by:** J. Boyd

Borehole Size: 2-inch
Decommissioning Method:

Direct-Push: CH380

Depth (ft)	Lithology	nscs	Description	Interval	Recovery	Sample	PID	Sheen	Comments
0-		GP	Ground Surface Poorly-graded Gravel with Sand Wet: fill			0	0.0	No	
-		SP- SM	Poorly-graded Sand Light brown to buff; slightly moist; mostly sand with silt and gravel			1	0.0	No	
2-		GM SW	Silty Gravel with Sand Dry; gravel is crystaline and blue Well-graded Sand Tan to light brown; slightly moist to moist; trace gravel	_		2	0.0	No	
- - - 4-						4	0.0	No	
- - -			End of Boring						
6-									
-									
8-									
-									
10-									

Client: Estate of Don Oline

Site Address: 1915 Marine View Drive

Date of Drilling: 5/21/2013 **Logged by:** J. Boyd

Boring: CN300

Drilling Contractor: Cascade Drilling, L.P. Water Level (ft bgs):

Drill Equipment:Direct Push TechnologyScreen interval:Borehole Size:2-inchScreen size:

Decommissioning Method: Bentonite Filter pack:

Depth (ft)	Lithology	nscs	Description	Interval	Recovery	Sample	PID	Sheen	Well Data	Comments
0-	7. T. S.	GP	Ground Surface Poorly-graded Gravel with Sand			0	0.0	No		
=	-21X-2-2 - -		Wet: fill			Ĭ				
- - - -		SP- SM	Poorly-graded Sand Light brown to buff; slightly moist; mostly sand with silt and gravel			1	0.0	No		Temporary well pulled upon completion of ground water
2-	33333	GM	Silty Gravel with Sand	-		2	0.0	No		sample collection; boring
4-		SW	Dry; gravel is crystaline and blue Well-graded Sand Tan to light brown; slightly moist to moist; trace gravel			4	0.0	No	2" Sch. 40 PVC blank	abandoned with hydrated bentonite chips
-			Tan to light brown, moist; coarse; trace silt	\mathbf{H}					2" Sc	
6-			Wet at 6.2 ft			6	0.0	No		
8-						8	0.0	No		
10-						10	0.0	No		
12-						12	0.0	No		
-			End of Boring							
14-										

Client: Estate of Don Oline Drilling Contractor: Cascade Drilling, L.P. Site Address: 1915 Marine View Drive Drill Equipment: Direct Push Technology

Date of Drilling: 5/21/2013 **Logged by:** J. Boyd

Borehole Size: 2-inch
Decommissioning Method:

Direct-Push: CN310

Depth (ft)	Lithology	nscs	Description	Interval	Recovery	Sample	PID	Sheen	Comments
0-		GP	Ground Surface Poorly-graded Gravel with Sand Wet: fill			0	0.0	No	
- - -		SP- SM	Poorly-graded Sand Light brown to buff; slightly moist; mostly sand with silt and gravel			1	0.0	No	
2-	3///3 2//3 2//3 3//3 2//3 3//3 3//3 3//	GM SW	Silty Gravel with Sand Dry; gravel is crystaline and blue Well-graded Sand Tan to light brown; slightly moist to		ı	2	0.0	No	
- - - -			moist; trace gravel			4	0.0	No	
4-			End of Boring			·	0.0		
- - -									
6-									
- - -									
8-									
- -									
10-									

Client: Estate of Don Oline Disterior Site Address: 1915 Marine View Drive District District

Date of Drilling: 5/21/2013 **Logged by:** J. Boyd

Direct-Push: CO290

Drilling Contractor: Cascade Drilling, L.P. **Drill Equipment:** Direct Push Technology

Borehole Size: 2-inch
Decommissioning Method:

Depth (ft)	Lithology	nscs	Description	Interval	Recovery	Sample	PID	Sheen	Comments
0-	7 4 4 77 7 4 4 77 7 4 4 77		Ground Surface Concrete	П		0	0.0	No	
-		SP- SM	Poorly-graded Sand Light brown to buff; slightly moist; mostly sand with silt and gravel						
-						1	0.0	No	
2-		GM	Silty Gravel with Sand Dry; gravel is crystaline and blue			2	0.0	No	
- - -		SW	Well-graded Sand Tan to light brown; slightly moist to moist; trace gravel						
4-		_				4	0.0	No	
-			End of Boring						
-									
6-									
-									
-									
8-									
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-									
10-									

Client: Estate of Don Oline

Site Address: 1915 Marine View Drive Date of Drilling: 5/21/2013

Logged by: J. Boyd

Direct-Push: CO300

Drilling Contractor: Cascade Drilling, L.P. **Drill Equipment:** Direct Push Technology

Borehole Size: 2-inch
Decommissioning Method:

Depth (ft)	Lithology	nscs	Description	Interval	Recovery	Sample	PID	Sheen	Comments
0-	7 4 4 77 7 4 4 77 7 4 4 77		Ground Surface Concrete			0	0.0	No	
-	7 A 3 77		Poorly-graded Sand				0.0		
-		SP- SM	Light brown to buff; slightly moist; mostly sand with silt and gravel						
-						1	0.0	No	
_									
2-	**/*/*	GM	Silty Gravel with Sand			2	0.0	No	
-			Dry; gravel is crystaline and blue						
-		SW	Well-graded Sand Tan to light brown; slightly moist to						
-			moist; trace gravel						
_									
4-		_	End of Boring			4	0.0	No	
_			Elia di Bolling						
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6-									
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8-									
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10-									

PARTNERS INC

Drilling Contractor: Cascade Drilling, L.P.

Site Address: 1915 Marine View Drive

Drill Equipment: Direct Push Technology

Direct-Push: CO310

Date of Drilling: 5/21/2013 Logged by: J. Boyd

Client: Estate of Don Oline

Borehole Size: 2-inch Decommissioning Method:

		,	Боуч			mssioning weinou.			
Depth (ft)	Lithology	USCS	Description	Interval	Recovery	Sample	PID	Sheen	Comments
			Ground Surface						
0-	7 737	GP	Poorly-graded Gravel with Sand Wet: fill			0	0.0	No	
- - -		SP- SM	Poorly-graded Sand Light brown to buff; slightly moist; mostly sand with silt and gravel			1	0.0	No	
2-	**/	GM	Silty Gravel with Sand			2	0.0	No	
-		Civi	Dry; gravel is crystaline and blue						
- - - -	2./,	SW	Well-graded Sand Tan to light brown; slightly moist to moist; trace gravel						
						4	0.0	No	
4-		ŀ	End of Boring	7"			0.0		
-			End of Borning						
-									
-									
-									
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6-									
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-									
10-									

Project #: 60701 **Sheet:** 1 of 1 Drawn By: ALW Checked By: JLB PARTNERS INC

Client: Estate of Don Oline Drilling Contractor: Cascade Drilling, L.P. Site Address: 1915 Marine View Drive

Date of Drilling: 5/21/2013 Logged by: J. Boyd

Drill Equipment: Direct Push Technology Borehole Size: 2-inch

Direct-Push: CP290

Decommissioning Method:

			20,0			meerering mearear			
Depth (ft)	Lithology	nscs	Description	Interval	Recovery	Sample	PID	Sheen	Comments
			Ground Surface						
0-		GP	Poorly-graded Gravel with Sand Wet: fill			0	0.0	No	
- - -		SP- SM	Poorly-graded Sand Light brown to buff; slightly moist; mostly sand with silt and gravel			1	0.0	No	
2-		GM	Silty Gravel with Sand Dry; gravel is crystaline and blue			2	0.0	No	
-		SW	Well-graded Sand Tan to light brown; slightly moist to moist; trace gravel						
4-			End of Boring			4	0.0	No	
-									
6									
8-									
10-									

Project #: 60701 **Sheet:** 1 of 1 Drawn By: ALW Checked By: JLB PARTNERS INC

Client: Estate of Don Oline Drilling Contractor: Cascade Drilling, L.P.
Site Address: 1915 Marine View Drive Drill Equipment: Direct Push Technology

Date of Drilling: 5/21/2013

Borehole Size: 2-inch
Decommissioning Method:

Direct-Push: CP300

Logged by: J. Boyd

Depth (ft)	Lithology	nscs	Description	Interval	Recovery	Sample	PID	Sheen	Comments
0-		GP	Ground Surface Poorly-graded Gravel with Sand Wet: fill			0	0.0	No	
-		SP- SM	Poorly-graded Sand Light brown to buff; slightly moist; mostly sand with silt and gravel			1	0.0	No	
2-	??? ??	GM	Silty Gravel with Sand			2	0.0	No	
- - - -		SW	Dry; gravel is crystaline and blue Well-graded Sand Tan to light brown; slightly moist to moist; trace gravel	-					
4-			End of Boring			4	0.0	No	
-									
-									
6-									
-									
-									
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8-									
- -									
-									
10-									

Project #: 60701 Sheet: 1 of 1 Drawn By: ALW Checked By: JLB

Attachment B Laboratory Analytical Reports



June 10, 2013

Mr. Jerry Boyd Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027

Dear Mr. Boyd,

On May 22nd, 72 samples were received by our laboratory and assigned our laboratory project number EV13050122. The project was identified as your 60701 Estate of Don Oline - Oline Storage Yard. 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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -01

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013

CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013 10:40:00 AM

Storage Yard
CLIENT SAMPLE ID CF380:0 WDOE ACCREDITATION: C601

DATA RESULTS

			REPORTING	DILUTION	ANALYSIS ANALYSIS		
ANALYTE	METHOD	RESULTS	LIMITS	FACTOR	UNITS	DATE	BY
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP

			ANALYSIS A	NALYSIS
SURROGATE	METHOD	%REC	DATE	BY
TCMX	EPA-8082	80.1	05/22/2013	LAP
DCB	EPA-8082	78.2	05/22/2013	LAP

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

Issaquah, WA 98027 ALS SAMPLE#: -02

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013 5/21/2013 10:41:00 AM

60701 Estate of Don Oline - Oline **CLIENT PROJECT: COLLECTION DATE:** Storage Yard

CF380:1 WDOE ACCREDITATION: CLIENT SAMPLE ID C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS A	ANALYSIS BY	

			ANALYSIS ANALYSIS	
SURROGATE	METHOD	%REC	DATE BY	
TCMX	EPA-8082	101	05/22/2013 LAP	
DCB	EPA-8082	83.2	05/22/2013 LAP	



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

Issaquah, WA 98027 ALS SAMPLE#: -10

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013 **COLLECTION DATE:** 5/21/2013 10:30:00 AM

60701 Estate of Don Oline - Oline **CLIENT PROJECT:** Storage Yard

CF390:0 WDOE ACCREDITATION: **CLIENT SAMPLE ID** C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	_
						ANALYSIS A	ANALYSIS	
SURROGATE	METHOD	%REC				DATE	BY	
TOMY	EDA 0000					05/00/0040		

			ANALYSIS ANALYSIS
SURROGATE	METHOD	%REC	DATE BY
TCMX	EPA-8082	69.2	05/22/2013 LAP
DCB	EPA-8082	64.3	05/22/2013 LAP

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



CLIENT PROJECT:

CERTIFICATE OF ANALYSIS

CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

COLLECTION DATE:

5/21/2013 10:31:00 AM

Issaquah, WA 98027 ALS SAMPLE#: -11

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013

60701 Estate of Don Oline - Oline Storage Yard

CLIENT SAMPLE ID CF390:1 WDOE ACCREDITATION: C601

DATA RESULTS REPORTING DILUTION **ANALYSIS ANALYSIS** LIMITS **FACTOR** DATE BY **ANALYTE METHOD RESULTS** UNITS PCB-1016 EPA-8082 U 0.10 1 MG/KG 05/22/2013 LAP PCB-1268 EPA-8082 U 0.10 1 MG/KG 05/22/2013 LAP U PCB-1221 EPA-8082 0.10 1 MG/KG 05/22/2013 LAP U PCB-1232 EPA-8082 0.10 1 MG/KG 05/22/2013 LAP U PCB-1242 EPA-8082 0.10 1 MG/KG 05/22/2013 LAP U PCB-1248 EPA-8082 0.10 1 MG/KG 05/22/2013 LAP PCB-1254 EPA-8082 U 0.10 1 MG/KG 05/22/2013 LAP PCB-1260 EPA-8082 U 0.10 1 MG/KG 05/22/2013 LAP ANALYSIS ANALYSIS

SURROGATE	METHOD	%REC	DATE	BY
TCMX	EPA-8082	106	05/22/2013 L	AP
DCB	EPA-8082	84.4	05/22/2013 L	_AP

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

COLLECTION DATE:

5/21/2013 9:25:00 AM

Issaquah, WA 98027 ALS SAMPLE#: -14

Jerry Boyd **CLIENT CONTACT:** DATE RECEIVED: 5/22/2013 **CLIENT PROJECT:** 60701 Estate of Don Oline - Oline

Storage Yard

CLIENT SAMPLE ID CG370:0 WDOE ACCREDITATION: C601

		DA [*]	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	:
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	:
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	:
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	:
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	:
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	:
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	:
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	_ :
						ANALYSIS A		
SURROGATE	METHOD	%REC				DATE	ВҮ	
TCMX	EPA-8082	34.0				05/22/2013	LAP	:
DCB	EPA-8082	28.3 GS1				05/22/2013	LAP	:

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

GS1 - Surrogate outside of control limits due to matrix effect.



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

Issaquah, WA 98027 ALS SAMPLE#: -15

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013 60701 Estate of Don Oline - Oline **CLIENT PROJECT: COLLECTION DATE:** 5/21/2013 9:26:00 AM

Storage Yard

CG370:1 WDOE ACCREDITATION: CLIENT SAMPLE ID C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	NALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS A	NALYSIS BY	
TCMX	EPA-8082	104				05/22/2013	LAP	
DCB	EPA-8082	85.0				05/22/2013	LAP	

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

Issaquah, WA 98027 ALS SAMPLE#: -18

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013 60701 Estate of Don Oline - Oline **CLIENT PROJECT: COLLECTION DATE:** 5/21/2013 9:40:00 AM

Storage Yard

CG380:0 WDOE ACCREDITATION: **CLIENT SAMPLE ID** C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	_
						ANALYSIS A	ANALYSIS BY	
SURROGATE	METHOD	%REC				DATE	Dĭ	
TCMX	EPA-8082	74.5				05/22/2013	LAP	
DCB	EPA-8082	72.6				05/22/2013	LAP	



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -19

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013
CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013 9:41:00 AM

Storage Yard

CLIENT SAMPLE ID CG380:1 WDOE ACCREDITATION: C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS A	NALYSIS BY	
TCMX	EPA-8082	80.2				05/22/2013	LAP	
DCB	FPA-8082	68 1				05/22/2013	ΙΔΡ	

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

Issaquah, WA 98027 ALS SAMPLE#: -22

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013

60701 Estate of Don Oline - Oline **CLIENT PROJECT: COLLECTION DATE:** 5/21/2013 9:55:00 AM Storage Yard

CG390:0 WDOE ACCREDITATION: CLIENT SAMPLE ID C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
						ANALYSIS A	ANALYSIS BY	
SURROGATE	METHOD	%REC				DATE	Dĭ	
TCMX	EPA-8082	85.4				05/22/2013	LAP	
DCB	EPA-8082	77.1				05/22/2013	LAP	

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -23

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013
CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013 9:56:00 AM

CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: Storage Yard

CLIENT SAMPLE ID CG390:1 WDOE ACCREDITATION: C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	NALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS A	NALYSIS BY	
TCMX	EPA-8082	104				05/22/2013	LAP	
DCB	EPA-8082	80.5				05/22/2013	LAP	

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

Issaquah, WA 98027 ALS SAMPLE#: -26

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013 60701 Estate of Don Oline - Oline **CLIENT PROJECT: COLLECTION DATE:** 5/21/2013 10:15:00 AM

Storage Yard

WDOE ACCREDITATION: CLIENT SAMPLE ID CH370:0 C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS A	ANALYSIS BY	
TCMX	EPA-8082	65.7				05/22/2013	LAP	
DCB	EPA-8082	66.1				05/22/2013	LAP	



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -27

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013
CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013 10:16:00 AM

Storage Yard

CLIENT SAMPLE ID CH370:1 WDOE ACCREDITATION: C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS A	NALYSIS BY	
TCMX	EPA-8082	105				05/22/2013	LAP	
DCB	FPA-8082	88.3				05/22/2013	ΙΔΡ	

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -30

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013
CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013

Storage Yard

EPA-8082

CLIENT SAMPLE ID CH380:0 WDOE ACCREDITATION: C601

U

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	1.0	10	MG/KG	05/22/2013	LAP	:
PCB-1268	EPA-8082	U	1.0	10	MG/KG	05/22/2013	LAP	
PCB-1221	EPA-8082	U	1.0	10	MG/KG	05/22/2013	LAP	
PCB-1232	EPA-8082	U	1.0	10	MG/KG	05/22/2013	LAP	
PCB-1242	EPA-8082	U	1.0	10	MG/KG	05/22/2013	LAP	
PCB-1248	EPA-8082	1.3	1.0	10	MG/KG	05/22/2013	LAP	:
PCB-1254	EPA-8082	U	1.0	10	MG/KG	05/22/2013	LAP	

DATA RESULTS

			ANALYSIS ANALYSIS
SURROGATE	METHOD	%REC	DATE BY
TCMX 10X Dilution	EPA-8082	89.0	05/22/2013 LAP
DCB 10X Dilution	EPA-8082	112	05/22/2013 LAP

1.0

10

MG/KG

05/22/2013

LAP

PCB-1260

ALS Laboratory Group A Campbell Brothers Limited Company

5/21/2013 10:05:00 AM

U - Analyte analyzed for but not detected at level above reporting limit. Chromatogram shows a degraded Aroclor pattern.



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

Issaquah, WA 98027 ALS SAMPLE#: -31

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013 **CLIENT PROJECT:** 5/21/2013 10:06:00 AM

60701 Estate of Don Oline - Oline **COLLECTION DATE:** Storage Yard

WDOE ACCREDITATION: CLIENT SAMPLE ID CH380:1 C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS A	ANALYSIS BY	
TCMX	EPA-8082	83.7				05/22/2013	LAP	
DCB	EPA-8082	70.1				05/22/2013	LAP	

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

COLLECTION DATE:

5/21/2013 12:45:00 PM

Issaquah, WA 98027 ALS SAMPLE#: -34

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013 60701 Estate of Don Oline - Oline **CLIENT PROJECT:**

Storage Yard

CN300:C CLIENT SAMPLE ID WDOE ACCREDITATION: C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	1.0	10	MG/KG	05/23/2013	LAP	:
PCB-1268	EPA-8082	U	1.0	10	MG/KG	05/23/2013	LAP	:
PCB-1221	EPA-8082	U	1.0	10	MG/KG	05/23/2013	LAP	:
PCB-1232	EPA-8082	U	1.0	10	MG/KG	05/23/2013	LAP	:
PCB-1242	EPA-8082	U	1.0	10	MG/KG	05/23/2013	LAP	:
PCB-1248	EPA-8082	1.8	1.0	10	MG/KG	05/23/2013	LAP	:
PCB-1254	EPA-8082	U	1.0	10	MG/KG	05/23/2013	LAP	:
PCB-1260	EPA-8082	U	1.0	10	MG/KG	05/23/2013	LAP	:
SURROGATE	METHOD	%REC				ANALYSIS A	ANALYSIS BY	
TCMY 10Y Dilution	ED4-8082	100				05/23/2013	ΙΔD	:

TCMX 10X Dilution EPA-8082 122 05/23/2013 LAP DCB 10X Dilution EPA-8082 102 05/23/2013 LAP

U - Analyte analyzed for but not detected at level above reporting limit. Chromatogram shows a degraded Aroclor pattern.



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

Issaquah, WA 98027 ALS SAMPLE#: -35

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013 **CLIENT PROJECT: COLLECTION DATE:** 5/21/2013 12:52:00 PM

60701 Estate of Don Oline - Oline Storage Yard

CN300:0 WDOE ACCREDITATION: CLIENT SAMPLE ID C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS A	ANALYSIS BY	
TCMX	EPA-8082	87.7				05/23/2013	LAP	
DCB	EPA-8082	7/1 7				05/23/2013	ΙΔΡ	

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -36

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013

CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013 12:53:00 PM Storage Yard

CLIENT SAMPLE ID CN300:1 WDOE ACCREDITATION: C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	_
						ANALYSIS A	ANALYSIS BY	
SURROGATE	METHOD	%REC				DAIL		
TCMX	EPA-8082	91.4				05/23/2013	LAP	
DCB	EPA-8082	80.5				05/23/2013	LAP	

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -43

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013
CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013 2:10:00 PM

Storage Yard

CLIENT SAMPLE ID CN310:0 WDOE ACCREDITATION: C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS DATE	ANALYSIS BY	
TCMX	EPA-8082	∞nEC 47.8				05/23/2013	LAP	
DCB	EPA-8082	52.8				05/23/2013	LAP	:

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -44

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013

CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013 2:11:00 PM

Storage Yard

CLIENT SAMPLE ID CN310:1 WDOE ACCREDITATION: C601

DATA RESULTS REPORTING DILUTION **ANALYSIS ANALYSIS** LIMITS **FACTOR** DATE BY **ANALYTE METHOD RESULTS** UNITS PCB-1016 EPA-8082 0.10 1 MG/KG 05/23/2013 LAP U LAP PCB-1268 EPA-8082 U 0.10 1 MG/KG 05/23/2013 U PCB-1221 EPA-8082 0.10 1 MG/KG 05/23/2013 LAP U PCB-1232 EPA-8082 0.10 1 MG/KG 05/23/2013 LAP U PCB-1242 EPA-8082 0.10 1 MG/KG 05/23/2013 LAP U PCB-1248 EPA-8082 0.10 1 MG/KG 05/23/2013 LAP PCB-1254 EPA-8082 U 0.10 1 MG/KG 05/23/2013 LAP PCB-1260 EPA-8082 U 0.10 1 MG/KG 05/23/2013 LAP ANALYSIS ANALYSIS DATE BY **SURROGATE** %REC **METHOD TCMX** LAP EPA-8082 94.0 05/23/2013 DCB 05/23/2013 LAP EPA-8082 85.5

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

Issaquah, WA 98027 ALS SAMPLE#: -47

DATA RESULTS

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013

60701 Estate of Don Oline - Oline **CLIENT PROJECT: COLLECTION DATE:** 5/21/2013 12:21:00 PM Storage Yard

CO290:C **CLIENT SAMPLE ID** WDOE ACCREDITATION: C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	1.0	10	MG/KG	05/23/2013	LAP	:
PCB-1268	EPA-8082	U	1.0	10	MG/KG	05/23/2013	LAP	:
PCB-1221	EPA-8082	U	1.0	10	MG/KG	05/23/2013	LAP	:
PCB-1232	EPA-8082	U	1.0	10	MG/KG	05/23/2013	LAP	:
PCB-1242	EPA-8082	U	1.0	10	MG/KG	05/23/2013	LAP	:
PCB-1248	EPA-8082	1.9	1.0	10	MG/KG	05/23/2013	LAP	:
PCB-1254	EPA-8082	U	1.0	10	MG/KG	05/23/2013	LAP	:
PCB-1260	EPA-8082	U	1.0	10	MG/KG	05/23/2013	LAP	:
SURROGATE	METHOD	%REC				ANALYSIS A	ANALYSIS BY	
TCMX 10X Dilution	EPA-8082	87.8				05/23/2013	LAP	:

SURROGATE	METHOD	%REC	DATE E	3Y
TCMX 10X Dilution	EPA-8082	87.8	05/23/2013 LA	AP
DCB 10X Dilution	EPA-8082	98.8	05/23/2013 LA	AP

U - Analyte analyzed for but not detected at level above reporting limit. Chromatogram shows a degraded Aroclor pattern.



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -48

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013
CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013 12:32:00 PM

Storage Yard

CLIENT SAMPLE ID CO290:0 WDOE ACCREDITATION: C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS A	ANALYSIS BY	
TCMX	EPA-8082	91.7				05/23/2013	LAP	
DCB	FPA-8082	74.7				05/23/2013	LAP	

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -49

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013

CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013 12:33:00 PM Storage Yard

CLIENT SAMPLE ID CO290:1 WDOE ACCREDITATION: C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	0.20	0.20	2	MG/KG	05/23/2013	LAP	
PCB-1268	EPA-8082	U	0.20	2	MG/KG	05/23/2013	LAP	
PCB-1221	EPA-8082	U	0.20	2	MG/KG	05/23/2013	LAP	
PCB-1232	EPA-8082	U	0.20	2	MG/KG	05/23/2013	LAP	
PCB-1242	EPA-8082	U	0.20	2	MG/KG	05/23/2013	LAP	
PCB-1248	EPA-8082	U	0.20	2	MG/KG	05/23/2013	LAP	
PCB-1254	EPA-8082	U	0.20	2	MG/KG	05/23/2013	LAP	
PCB-1260	EPA-8082	U	0.20	2	MG/KG	05/23/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS A	ANALYSIS BY	
TCMX 2X Dilution	EPA-8082	85.4				05/23/2013	LAP	
DCB 2X Dilution	EPA-8082	94.3				05/23/2013	LAP	

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



Environmental Partners, Inc. CLIENT: DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

Issaquah, WA 98027 ALS SAMPLE#: -52

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013

60701 Estate of Don Oline - Oline **CLIENT PROJECT: COLLECTION DATE:** 5/21/2013 12:00:00 PM

Storage Yard

CO300:C WDOE ACCREDITATION: CLIENT SAMPLE ID C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1248	EPA-8082	0.13	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS A	ANALYSIS BY	
TCMX	EPA-8082	136				05/23/2013	ΙΔΡ	

			ANALISIS ANALISI	13
SURROGATE	METHOD	%REC	DATE BY	
TCMX	EPA-8082	136	05/23/2013 LAP	
DCB	EPA-8082	120	05/23/2013 LAP	

U - Analyte analyzed for but not detected at level above reporting limit. Chromatogram shows a degraded Aroclor pattern.



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -53

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013

CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013 12:10:00 PM

: 60701 Estate of Don Oline - Oline COLLECTION DATE: Storage Yard

CLIENT SAMPLE ID CO300:0 WDOE ACCREDITATION: C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	_
OUDDOGATE	METHOD	0/ PFO				ANALYSIS A	ANALYSIS BY	
SURROGATE	METHOD	%REC						
TCMX	EPA-8082	106				05/23/2013	LAP	
DCB	FPA-8082	88.3				05/23/2013	LAP	

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

Issaquah, WA 98027 ALS SAMPLE#: -54

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013 **CLIENT PROJECT: COLLECTION DATE:** 5/21/2013 12:11:00 PM

60701 Estate of Don Oline - Oline Storage Yard

CO300:1 WDOE ACCREDITATION: CLIENT SAMPLE ID C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	NALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS A	NALYSIS BY	
TCMX	EPA-8082	86.3				05/23/2013	LAP	
DCB	EPA-8082	81.4				05/23/2013	LAP	

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

Issaquah, WA 98027 ALS SAMPLE#: -57

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013 60701 Estate of Don Oline - Oline **CLIENT PROJECT: COLLECTION DATE:** 5/21/2013 2:00:00 PM

Storage Yard

CO310:0 WDOE ACCREDITATION: CLIENT SAMPLE ID C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS A	ANALYSIS BY	
TCMX	EPA-8082	67.3				05/23/2013	LAP	
DCB	FPA-8082	73.9				05/23/2013	LAP	

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -58

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013
CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013 2:01:00 PM

Storage Yard

CLIENT SAMPLE ID CO310:1 WDOE ACCREDITATION: C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS A	NALYSIS BY	
TCMX	EPA-8082	81.4				05/23/2013	LAP	
DCB	FPA-8082	78.4				05/23/2013	ΙΔΡ	

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -61

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013
CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013

60701 Estate of Don Oline - Oline COLLECTION DATE: Storage Yard

CLIENT SAMPLE ID CP290:0 WDOE ACCREDITATION: C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1248	EPA-8082	0.23	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	_ :
SURROGATE	METHOD	%REC				ANALYSIS A	ANALYSIS BY	
TCMX	EPA-8082	105				05/23/2013	LAP	:
DCB	EPA-8082	98.6				05/23/2013	LAP	:

U - Analyte analyzed for but not detected at level above reporting limit. Chromatogram shows a degraded Aroclor pattern.

ALS Laboratory Group A Campbell Brothers Limited Company

5/21/2013 1:40:00 PM



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

Issaquah, WA 98027 ALS SAMPLE#: -62

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013 **CLIENT PROJECT:** 60701 Estate of Don Oline - Oline **COLLECTION DATE:** 5/21/2013 1:41:00 PM

Storage Yard

CP290:1 WDOE ACCREDITATION: CLIENT SAMPLE ID C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	_ :
SURROGATE	METHOD	%REC				ANALYSIS ANALYSIS DATE BY		
TCMX	EPA-8082	85.3				05/23/2013	LAP	
DCB	EPA-8082	72.8				05/23/2013	LAP	:



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -65

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013

CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013 1:50:00 PM Storage Yard

CLIENT SAMPLE ID CP300:0 WDOE ACCREDITATION: C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	NALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS A	SIS ANALYSIS E BY	
TCMX	EPA-8082	113				05/23/2013	LAP	
DCB	FPA-8082	102				05/23/2013	LAP	:

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

Issaquah, WA 98027 ALS SAMPLE#: -66

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013 **CLIENT PROJECT:** 60701 Estate of Don Oline - Oline **COLLECTION DATE:** 5/21/2013 1:51:00 PM

Storage Yard

CP300:1 WDOE ACCREDITATION: CLIENT SAMPLE ID C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	_ :
						ANALYSIS ANALYSIS		
SURROGATE	METHOD	%REC				DATE	BY	
TCMX	EPA-8082	82.0				05/23/2013	LAP	:
DCB	EPA-8082	71.1				05/23/2013	LAP	:

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -69

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013
CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013 3:25:00 PM

Storage Yard

CLIENT SAMPLE ID CF380 WDOE ACCREDITATION: C601

DATA RESULTS										
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY			
PCB-1016	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP			
PCB-1268	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP			
PCB-1221	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP			
PCB-1232	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP			
PCB-1242	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP			
PCB-1248	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP			
PCB-1254	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP			
PCB-1260	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP	_		
SURROGATE	METHOD	%REC				ANALYSIS A	ANALYSIS BY			
TCMX	EPA-8082	89.1				05/23/2013	LAP			
DCB	FPA-8082	89.0				05/23/2013	LAP			

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



Storage Yard

CERTIFICATE OF ANALYSIS

CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

Issaquah, WA 98027 ALS SAMPLE#: -70

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013

60701 Estate of Don Oline - Oline **CLIENT PROJECT: COLLECTION DATE:** 5/21/2013 2:40:00 PM

CLIENT SAMPLE ID CN300 WDOE ACCREDITATION: C601

DATA RESULTS											
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY				
PCB-1016	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP				
PCB-1268	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP				
PCB-1221	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP				
PCB-1232	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP				
PCB-1242	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP				
PCB-1248	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP				
PCB-1254	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP				
PCB-1260	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP	_			
						ANALYSIS A	ANALYSIS BY				
SURROGATE	METHOD	%REC				DAIL	ы				
TCMX	EPA-8082	90.7				05/23/2013	LAP				
DCB	EPA-8082	88.1				05/23/2013	LAP				

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -71

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013
CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013 8:00:00 AM

60701 Estate of Don Oline - Oline C Storage Yard

CLIENT SAMPLE ID BD-1 WDOE ACCREDITATION: C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	_
SURROGATE	METHOD	%REC				ANALYSIS A	ANALYSIS BY	
TCMX	EPA-8082	92.9				05/23/2013	LAP	
DCB	FPA-8082	79.7				05/23/2013	ΙΔΡ	

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



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13050122

lssaquah, WA 98027 ALS SAMPLE#: -72

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 5/22/2013
CLIENT PROJECT: 60701 Estate of Don Oline - Oline COLLECTION DATE: 5/21/2013 8:00:00 AM

60701 Estate of Don Oline - Oline COLLECTION DATE: Storage Yard

CLIENT SAMPLE ID BD-2 WDOE ACCREDITATION: C601

91.3

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	ANALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1248	EPA-8082	0.17	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	:
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	. :
SURROGATE	METHOD	%REC				ANALYSIS A	ANALYSIS BY	
TCMX	EPA-8082	94.3				05/23/2013	LAP	:

U - Analyte analyzed for but not detected at level above reporting limit. Chromatogram shows a degraded Aroclor pattern.

EPA-8082

DCB

ALS Laboratory Group A Campbell Brothers Limited Company

05/23/2013

LAP



CLIENT: Environmental Partners, Inc.

DATE: 6/10/2013 295 NE Gilman Blvd., Suite 201 ALS SDG#: EV13050122

Issaquah, WA 98027

WDOE ACCREDITATION: C601

Jerry Boyd CLIENT CONTACT:

CLIENT PROJECT: 60701 Estate of Don Oline - Oline

Storage Yard

LABORATORY BLANK RESULTS

MB-R81627 - Batch R81627 - Soil by EPA-8082

			REPORTING	DILUTION		ANALYSIS A	ANALYSIS	
ANALYTE	METHOD	RESULTS	LIMITS	FACTOR	UNITS	DATE	BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/22/2013	LAP	

MB-R81628 - Batch R81628 - Soil by EPA-8082

			REPORTING	DILUTION		ANALYSIS A	NALYSIS	
ANALYTE	METHOD	RESULTS	LIMITS	FACTOR	UNITS	DATE	BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	05/23/2013	LAP	

MB-R81629 - Batch R81629 - Water by EPA-8082

			REPORTING	DILUTION		ANALYSIS A	ANALYSIS
ANALYTE	METHOD	RESULTS	LIMITS	FACTOR	UNITS	DATE	BY
PCB-1016	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP
PCB-1268	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP
PCB-1221	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP
PCB-1232	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP
PCB-1242	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP
PCB-1248	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP
PCB-1254	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP
PCB-1260	EPA-8082	U	0.10	1	UG/L	05/23/2013	LAP



CLIENT: Environmental Partners, Inc. DATE: 6/10/2013

295 NE Gilman Blvd., Suite 201

ALS SDG#: EV13050122

Issaquah, WA 98027

WDOE ACCREDITATION: C601

Jerry Boyd CLIENT CONTACT:

CLIENT PROJECT:

60701 Estate of Don Oline - Oline

Storage Yard

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: R81627 - Soil by EPA-8082

					ANALYSIS	ANALYSIS	
SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	DATE	BY	
PCB-1016 - BS	EPA-8082	115			05/22/2013	LAP	
PCB-1016 - BSD	EPA-8082	126	9		05/22/2013	LAP	
PCB-1260 - BS	EPA-8082	116			05/22/2013	LAP	
PCB-1260 - BSD	EPA-8082	119	3		05/22/2013	LAP	

ALS Test Batch ID: R81628 - Soil by EPA-8082

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	DATE	BY	
PCB-1016 - BS	EPA-8082	110			05/23/2013	LAP	
PCB-1016 - BSD	EPA-8082	108	2		05/23/2013	LAP	
PCB-1260 - BS	EPA-8082	109			05/23/2013	LAP	
PCB-1260 - BSD	EPA-8082	108	1		05/23/2013	LAP	

ALS Test Batch ID: R81629 - Water by EPA-8082

					ANALYSIS	ANALYSIS	
SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	DATE	BY	
PCB-1016 - BS	EPA-8082	78.1			05/23/2013	LAP	
PCB-1016 - BSD	EPA-8082	81.4	4		05/23/2013	LAP	
PCB-1260 - BS	EPA-8082	82.9			05/23/2013	LAP	
PCB-1260 - BSD	EPA-8082	79.4	4		05/23/2013	LAP	

APPROVED BY

Laboratory Director

LABORATORY COPY

SPECIAL INSTRUCTIONS

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

Chain Of Custody/ Laboratory Analysis Request

ALS Job#

(Laboratory Use Only)

EV/3050/22

				00M5	STOP	Acc	· YA	hrD								[Date	· ->	101	MARK	Page_			_ Of _	_0		
PROJECT ID: 60701 8	STATE	of Don'	OUNE	-!	AN	ALY	SIS	REC	UE	STE	D							-		OTH	IER (S	pecify	/)			***************************************	
REPORT TO ENVIRONME PROJECT BOY! ADDRESS: 295 NE GILM ISSABUAH PHONE: 425 3950046 PO. #60701 INVOICE TO COMPANY: \$ ESTATE OF ATTENTION: RON OLINE ADDRESS:	ENTAL PO DAN BLY WA O FAX: E-MAIL: Je FOON O	ARTNE VD; STE 18027	ers inc		HCID	XQ	X9	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 X Pesticides 🗆 by EPA 8081/8082	Metals-MTCA-5 🗆 RCRA-8 🗀 Pri Pol 🗀 TAL 🗀	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	ARCHIVE						R OF CONTAINERS	RECEIVED IN GOOD CONDITION?
CAMPLETO	DATE	TINAL	TVDE	LAD#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	EX by	TBE by	logena	latile 0	B / EDC	B / EDC	mivola	lycyclic	NB NB	stals-M	stals Ot	LP-Met	PC						NUMBER	SCEIV
SAMPLE I.D.	DATE	TIME	TYPE	LAB#	ĮŹ	Ź	Ź	8	Σ	Ξ.	9			တ္တ	ዌ		Ĭ	M	21	T	*******					Ž	茁
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3. CF380: Z	3344	10:42		.3																X						1	
4. CF380:4		10:44		4																X							
5. CF390:6		10:48	-	2																X						- Andreadou,	
6. CF380:8	and the same of th	10:49		6																X						200	
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SIGNATURES (Name, Company, Date/Time): 1. Relinquished By: Received By: 2. Relinquished By: Received By:

TURNAROUND REQUESTED in Business Days* Organic, Metals & Inorganic Analysis OTHER:

10 Standard 5

Fuels & Hydrocarbon Analysis

* Turnaround request less than standard may incur Rush Charges

Specify:

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

Chain Of Custody/ Laboratory Analysis Request

ALS Job#	(Laboratory

ALS Job# (Laboratory Use Only)

5-4-5	121	112	2	01	X
Date ~ 1			Page	Ot	0

				NAME OF TAXABLE PARTY OF TAXABLE PARTY.													Daic	,		_	, age			 		
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REPORT TO EPI																										-
PROJECT JERRY BOY	D														SIM											
ADDRESS: 295 NE GIL	-MAN B	WD; 59	rezol		Communication of the Communica									8270	8270	82	□ J∀.		Herbs							
ISSAQUAH	NA	9407	+		de communicación de la com						8260			/ EPA	y EPA	31/80	□ □		est							ON3
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P.O. #: 607D1	E-MAIL: 30	rrybee	pi-wa	, com					PA-82	EPA	nds b	/ (wate	=	Inodu	rbons	by EF	_ چ		emi-V	,					INE	Ô
PHONE: 97 3950096 PO. #: 607D1 INVOICE TO ESTATE & T ATTENTION: RONOUN	DU 0001	75						_		les by	nodw	NIS 09:	os) 09:	ic Cor	ydroca		RCRA	ify)	Y □ S	12					CONTAINERS	α00
ATTENTION: KON OWN	E							-8021	1-802	Volati	ic Co	PA 82	PA 82	Organ	natic H	ticide	_5-	(Spec	/0/\	14					PF CC	N N
ADDRESS:			Transcription (III)		무무	¥O-+	1 -6X	y EPA	oy EP/	nated	Orgar	C by [C by [latile	ic Aron	Pes	MTCA	Other	etals	ARCHIVE.					ER C	VED
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	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 X Pesticides	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL	Metals Other (Specify)	TCLP-Metals 🗌 VOA 🖺 Semi-Vol 🗀 Pest 🗀 Herbs 🗀	A					NUMBER OF	RECEIVED IN GOOD CONDITION?
			SOIL	//							>	ш	Ш	S	α.		≥	2	Ĕ				-		7	
1. <u>CF390:</u>	5/21/13		-JO1L													X						_			'	
2. CF390:2		10:35		12																X		\perp			1	
3. CF390:4		10:33		/3																X					1	
4. <u>CG370:0</u>	The state of the s	9:25		14												X									promoterie	
5. CG 370:1		9:26		15												X									Ì	
6. <u>CG 370: Z</u>		9:28		16																X				,	,	
7. CG 370:4		9:30		17																X					1	
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9. <u>CG380: 1</u>		9:41		19												×					*				1	
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SPECIAL INSTRUCTIONS

LABORATORY COPY

S	IGNATURES (N	lame, Co	mpany()D	ate, Time):	, ,	
1.	Relinquished By	: 0	M	EPI	5/22/2013	10,05
	Received By:	54	awn	Robin	Als 5/2/13	10,05
2.	Relinquished By	:				
	Received By:					

TURNAROUND REQUES	STED in Business Days*
rganic, Metals & Inorganic Analysis	OTHER:

Organi	c, Me	ais & i	norgai	nic Ar	ıalysıs
10	5	3	2	1	SAME

0	1	5	3	2		1		SAME DAY	
	_	s 8	Hydro	ocarbo	n A	na	lysi	s	

5	3	2	1 SAME DAY	Specify:	
uels & F	Hydroc	arbon	Analysis		
5	3	1	SAME DAY		
Standard					

^{*} Turnaround request less than standard may incur Rush Charges

REPORT TO COMPANY:

PROJECT MANAGER:

LABORATORY COPY

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

295 NE GILMAN BUYD, STEEDI

ISSAQUAH WA

DON OLINE OUNESPARGE YARD

Chain Of Custody/ **Laboratory Analysis Request**

-8260 ²A 8260 s by EPA 8260

ANALYSIS REQUESTED

ALS Job#	(Laboratory Use Only)

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des 🗆 by EPA 8081/8082	☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐	ecify)	OA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	1116			And the second s				CONTAINERS	GOOD CONDITION?

	PO. #: WO'+O'I INVOICE TO COMPANY: CSTATE & ATTENTION: PON OUNE ADDRESS:	E-MAIL: 3	mus Irun pe	<u> </u>	Ja. com	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021□ EPA-	Halogenated Volatiles by EP	Volatile Organic Compounds	EDB / EDC by EPA 8260 SIM (w	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compo	Polycyclic Aromatic Hydrocarbon	PCB X Pesticides Dy	Metals-MTCA-5 ☐ RCRA-8	Metals Other (Specify)	TCLP-Metals □ V0A □ Semi	ARCHIVE			OT 4 A A A A A		NUMBER OF CONTAIN	<u>Z</u>
	SAMPLE I.D.	DATE	TIME	TYPE	LAB#	MM	NWI	IMM	BTE	MTB	Halo	Volai	EDB/	EDB,	Sem	Polyc	PCB	Meta	Meta	TOLP	1,50					Š	BEC
-	1. CG380:4	5/21/1	3 9:44	SOIL	21																· X					l	
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THE RESERVE THE PERSON NAMED IN	3. <u>CG-390: 1</u>		10:16	6	23												X									C C C C C C C C C C C C C C C C C C C	- ATT
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SPECIAL INSTRUCTIONS

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SIGN	NATURES (Name	e, Company, Date,	Time):	,	
1. Re	linquished By: 🗘		EPI	5/22/2013	10:05
		hown Rox	bus	AU 5/22/13	10:05
2. Re	linquished By:	· ·			
Re	ceived By:				

10:05

	TURNAROUND REQUE	STED in Business Days*
ganic, Metals & Inor	ganic Analysis	OTHER:

Org 10 5 2

ns (PAH) by EPA-8270 SIM ounds by EPA 8270

Fuels & Hydrocarbon Ana 5 3 1

SAME DAY	Specify:	
alysis		
<u>"]</u>		

^{*} 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

Laboratory Analysis Request

Chain Of Custody/

	ALS JOD#	(Laboratory Use Only)
E	N/302	0/22

http://ww	vw.alsglobal.co	om															Date	51	21	13_	Page_	4	c	of(<u>ろ</u>	
PROJECT ID: ESTATE & E	MUO MA	E-OLIME	STORMER	YARD	AN	ALYS	SIS	REC	UES	STE)							***************************************	LOOK ON TOWN		HER (Sp	ecify)				
PROJECT ID: ESTRITE & E REPORT TO COMPANY: EPI			-	t	N=2920/F/0000																					
PROJECT JERRY BOYO																			S		l l	1000				
ADDRESS: 295 NE GIL	man Bi	UD 57	E201								9			A 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM	082	TAL		TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ፫		The state of the s					۷.
155 AQUALL	AW 7	9807	7								A 8260			y EP/	by EP,	381/8	Pol		Pest							NO.
PHONE: 415 3950041	FAX:								3260	8260	by EPA	iter)		spur	(PAH)	PA 80	☐ Pri Pol ☐ TAL		 o/			-	5	111111111111111111111111111111111111111	IRS	IION
PO. #: GD701 INVOICE TO COMPANY: CSTATE A ATTENTION: RON OUNE	E-MAIL: ఏ	rybe	epi-w	ia, an	and				EPA-8260	y EP#	spunc	EDC by EPA 8260 SIM (water)	soil)	ошро	carbons	☐ by EPA 8081/8082			Semi-	1					CONTAINERS	000
COMPANY: COT ATC 1	Don 0	rwe			- Company			21	121	itiles t	Эошрс	8260 S	8260 (anic C	Hydro		RCF	ecify)	□ P 0	1					NOS	900
					-8 . 1	~	~	PA-80	PA-80	od Vola	Janic (y EPA	EDC by EPA 8260 (sail)	e Orga	omatic	esticio	2A-5	er (Sp	S	IH.					유	Z O
ADDRESS:				***************************************	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by	EDC b		Semivolatile Organic Compounds by EPA	yclic Ar	PCB X Pesticides	Metals-MTCA-5 RCRA-8	Metals Other (Specify)	-Metal	RC,					NUMBER	RECEIVED IN GOOD CONDITION?
SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWT	NWT	NWT	BTEX	MTB	Halo	Volat	EDB/	EDB/	Semi	Polyc	PCB	Meta	Meta	TCLP	Ţ,					S S	REC
1. CH380:1	5/21/13	10:06	Soil	31												X				•					l	
2. CH380:2	1	10:07	4	32																X					(
2. CH380:2 3. CH380:4		10:09		33																X					(
4. CN300:C		12:45		34						·						X		-							1	
5. <u>CN 300;0</u>	es e constante de la constante	12:52		35												X									on the same of the	
6. <u>CN 300!</u> 1		12:53		36	=											X				X	915			,	quancel	
7. <u>CN300:2</u>		12:54		37																X					l	
8. CN 300: 4	- Committee of the comm	12:55		38																X					,	
9. CN300; G	Consession of the same of the	13:00		39											~~~		1			X	· •				, ,	
10. CN 300: 8	\ \	13:01	V	40																X					ĺ	

SPECIAL INSTRUCTIONS

LABORATORY COPY

SIGNATURES (Name		Time): EP / 5	122/2013	/6	J.02
Received By:	Rawn Ro	Lean	AU 5/3	12/13	10:05
2. Relinquished By:	Š				
Received By:					

TURNAROUND REQUESTED in Business Days* OTHER:

Organic, Metals & Inorganic Analysis

3

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Fuels & Hydrocarbon Analysis

ALS

LABORATORY COPY

Received By:

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

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	ALS	Jol

(Laboratory Use Only)

EV13050/22

														Date	21	21	13	Pag	e	<u> </u>		Of	\mathcal{Q}_{\perp}	
PROJECT ID: ESTATE & DWOWNE-OLINE STORAGE VA	DS4	AN/	ALYS	IS F	REQ	UES	STEL)								Name to the same of the same o	OTH	IER	(Sp	ecify)		MARCON MINISTRA	
PROJECT ID: ESTATE & BY OWN E-OLINE STORAGE YAR COMPANY: EPI																								
PROJECT DECLY BOND												SIM												
ADDRESS: 295 NE GILMAN BWO STE 20'											8270	-8270	82	M		Herb								
135 AROUAH WA 94027								1 826			y EPA	by EPA	81/80	_ 		est 🗆								NOI
ADDRESS: 295 NE GILMAN BWO, STE 20' 155 APONAH WA 94027 PHONE: 425395 DOYLO FAX:						EPA-8260	8260	y EP/	(er.)		nds b	(PAH)	PA 80] Pri P		0 F							RS	NOT
PO. #: (05701 E-MAIL: Jerry 6 Cepi - U	Na.an					PA-8	/ EPA	1 spur	M (wat	(ji	modw	arbons	by E	J -8-	·	emi-V	\u00e4						AINE	000
PROME: 125315 WOLD FAX: PO. #: (5570) E-MAIL: Jerry 6 Cepi- U INVOICE TO STATE of DOWN OUNE ATTENTION: RON OUNE					_	<u> </u>	les b)	loduc	260 SII	s) 097	ic Co	lydroca	SS	RCR/	cify)	A S	7						CONTAINERS	1008
ATTENTION: RON OCINE					١-802	A-802	Volat	nic C	EPA 8	EPA 8	Organ	natic }	sticide	4-5□	(Spe	0\	£ 14							Z
ADDRESS:		H-HCI	¥.	H-GX	oy EP/	by EP,	nated	Orga	DC by	DC by	olatile	lic Aror	ă.	-MTC/	Other	/letals	67						SER (IVED
SAMPLE I.D. DATE TIME TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021□	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM	PCB X Pesticides Dy EPA 8081/8082	Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL	Metals Other (Specify)	TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	7						NUMBER OF	RECEIVED IN GOOD CONDITION?
1. CN300:10 5/21/13 13:02 SOIL	41								-								X						1	CARTES CAROLINATE
2. CN300:12 13:05-	42																X					:	i	
3. CN 310:0 14:10	43												X						a				t	
4. CN 310:1 14:11	44												X			i	X	41	9				(
5. CN310:2 14:12	45														,		X						-	
	46										_			-			X					,	1	
7. CN310:6						,							×						_					_
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9. CO 290:0 1/ 12:32 1/	48												X	,				•	0				1	
10. CO 290:1 12:33	49												X				X	γ	5				l	
SPECIAL INSTRUCTIONS	an englance on an incident									- Contraction of the Contraction														

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By:

Received By:

August Roberts August 5/20/13 /0:05

2. Relinquished By:

TURNAROUND REQUESTED in Business Days*
Organic, Metals & Inorganic Analysis
OTHER:

10 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis

5 3 1 SAME DAY

Specify:

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8620 Holly Drive, Suite 100
Everett, WA 98208
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Fax (425) 356-2626
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	ALS Job#	(Laboratory Use Only	y
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Date 5/21/13 Page 6 Of 8

C >-			D D 2 / 1	/ A A A	IAN	ΛΙΥ	SIS	REC	VI IES	STEI	<u> </u>	NAME AND ADDRESS OF THE OWNER, TH		***************************************		*****	,	·		TOTH	IER (Snor	cifu)	 	-	***************************************
PROJECT ID: ESTATE & DON C REPORT TO COMPANY: EP 1	シングドーロ	しんとう	RACE 1	then	AN	ALI	010	UEC.	(UE		ر ا			THE PROPERTY OF	CANADA AND		MINISTER STATE			1011	IEN (Shed	Jily)			ACCOUNTAGE OF
COMPANY: EPI															\Box											
PROJECT MANAGER: Jerry Bayo ADDRESS: 275 NEGILM															SIM				S							
ADDRESS: 275 NEGILM	NB LA	D: 57E	10J								0			827(-8270	982] JY		Herb							
125 AQUAH	NA	0402	F		THE REAL PROPERTY.						4 8260			y EPA	by EP/	81/80			est							ON O
									260	8260	y EPA	(act)		nds b	(PAH)	PA 80	PriF								SZ	- E
P.O. #: (0)0701	E-MAIL: 30	rrybe	20,-00	r. Com					MTBE by EPA-8021 □ EPA-8260	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by	EDB / EDC by EPA 8260 SIM (water)	<u>=</u>	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM \Box	PCB X Pesticides 🗆 by EPA 8081/8082	Metals-MTCA-5 🗆 RCRA-8 🗀 Pri Pol 🗀 TAL		TCLP-Metals 🗌 VOA 🗀 Semi-Vol 🗇 Pest 🗀 Herbs 🗀	1					NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
INVOICE TO ESTATE 3	Day ou	ころと								es by	одш	S 09	s) 09	ic Co	ydroca	S	RCR/	ify)		3					Į.	00
ATTENTION: RON OUR	ノモ							8021	-805	Volatii	ic Co	PA 82	PA 82)rgan	atic H	iicide	-5	Spec	/0A[H					R O	Ŭ <u>Z</u>
ADDRESS:					NWTPH-HCID	ă	ğ	BTEX by EPA-8021	y EPA	nated 1	Organ	C by E	EDB / EDC by EPA 8260 (soil)	atile (с Агот	Pesi	MTCA	Metals Other (Specify)	etals	2					ERO	VED
ANGENERAL TO THE COMMENT OF THE COMM			~		VTPH	NWTPH-DX	NWTPH-GX	EX by	BEb	loger	latile	B/ED	B/ED	mivo	ycycli) M	tals-ľ	tals (LP-M	7					JMB	CE
SAMPLE I.D.	DATE	TIME	TYPE	LAB#	12	2	Ž	田田	Σ	표	9			Se	Po	PC	¥	⊠e	10	<u> </u>				 	Ž	뿝
1. CO 290: Z	5/81-13	12:34	Soil	50													-			X					(e
CO 290:4		12:35	١	51																×					1	
3. CO 300°C		12:00		52												X									Tanasasa	
4. CO30010		12:10		53												X									question	
5. <u>CO300', 1</u>		12:11		54												\times				Xl	7/3				l	
6. CO 300: Z		12:12		22																X				,	-	
7. CO30014	-	1213		56																\times					7 2000	
8. C0310:0		14:00		57												Χ									Name of the least	
8. <u>CO310:0</u> 9. <u>CO310:1</u>		14:01		58												X					•				į	
10. CO310 : Z	V	14:03	- V	23											74-10-10-1				14	X						
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SIGNATURES (Name, Company, Date, Time):		
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They a Postered	1105/20/10	10'05

2. Relinquished By:

Received By:

TURNAROUND REQUESTED in Business Days* Organic, Metals & Inorganic Analysis OTHER:

10 5 3 2 1 SAME DAY

Fuels & Hydrocarbon Analysis

5 3

	OTHER:
Specify:	

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Received By: _

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

2. Relinquished By:

Chain Laboratory

Of	Custo	dy/	
An	alvsis	Request	

SAME DAY

Standard

ALS Job# (Laboratory Use Only)

, , , , , ,				NAME OF THE OWNER O	-			VPINCONORIUM HA							**************************************		Date	ر ر	10		Page_			_ Of _	<u>8</u>	
PROJECT ID: ESTATE of DO	his hi	で-00とで	< STONENOS	SARO	AN	ALY	SIS	REC	UES	STE)				P-1000-000-000-00			NACWEROXXXXIII		OTH	HER (S	3peci	fy)	10 (m)	***************************************	
REPORT TO & D \																										
PROJECT Jerry Boyld															SIM				S							
ADDRESS: 2975 ME CILL	wen Br	10/5TE	105		Contraction of the Contraction o						0			, 827C	4-8270	382	TAL		Herb							~
155 AON A14	ALV:	1605	+							_	A 8260			ıy EP#	by EP/	1/80			⊃est 🗆							NO.
PHONE: 425 395 004	FAX:	<u>-</u>							260	EPA 8260	by EPA	(er		nds b	(PAH)	by EPA 8081/8082	Pri		_ _ _ _						ú	
PO. #: 60701	E-MAIL:								EPA-8260	/ EPA	spun	M (wa	(ji)	nodw	arbons	by E	٦-8 ⊏		emi-V	1.					L	All C
INVOICE TO ESTATE) ATTENTION: RON OUR	Don o	してに						_		iles by	ошро	260 SI	260 (s	o) oje	lydroc	Se	RCR,	cify)	A □ S	3					Ė	GOOD COND
ATTENTION: KON OUR	7 E							1-802	A-802	Volat	nic C	EPA 8	EPA 8	Organ	matic F	sticide	۸-5	(Spe	0/	H					L	7 N
ADDRESS:					무	H-DX	H-G	y EP	by EP	nated	Orga	EDC by EPA 8260 SIM (water)	DC by	olatile	lic Aro	Y Pesticides	-MTC/	Other	Aetals	ARCHIVE					Ì	ירם IVED
SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021□	Halogenated Volatiles	Volatile Organic Compounds by	EDB/E	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM	PCB 🎖	Metals-MTCA-5 🗌 RCRA-8 🔲 Pri Pol 🗀 TAL	Metals Other (Specify)	TCLP-Metals □ VOA □ Semi-Vol □ Pest □ Herbs □	À					184	NOWBER OF CONTAINERS RECEIVED IN GOOD CONDITION?
1. CO310:4	5/21/13	14:03	Soil	60			TOTAL PROPERTY.													V	***************************************	-	-			
CP 290:0		13:40		6/												V							-		l	
2. <u>CP 290:0</u> 3. <u>CP 290:1</u>		13:41		62												$\sqrt{}$									1	
CP 29012		1342		63																					1	
5. CP 29017 6. CP 30010 7. CP 3001	parties years and a second	1343		64														•		$\hat{\mathbf{y}}$						
6 CP300:0		1350		65									,			X					1.			,	1	
7 CP300:1		1351		66												X									1	
8. <u>CP30017</u> 9. <u>CP30014</u>		1352		67																X					1	
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10. CF380		1525	HZO	69												X								+	1	
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SIGNATURES (Name, Compa	ny, Date, Tim	ne):						_							TU	RNA	ROL	JND.	REC	UES	TED in	Busir	ness C)avs*		
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										F	-uels	8 & F	lydro	ocar	bon	Anal	ysis									

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

Laboratory Analysis Request

Chain Of Custody/

 ALS Job#	(Laboratory Use Only)
10 / 10	-100

PROJECT ID: ESTATE & DOWN OWNE - O WHE STORAGE YARD	AN	IALY:	SIS	HEC	JUE:	SIE	ט									OIF	HEK (Spe	city)				
REPORT TO COMPANY:				ma factional mode unto	PARTICIPATION OF THE PARTICIPA			***************************************	CONTRACTOR NAME OF THE OWNER, THE														NO.
PBO IECT .	opin de la constante de la con										☐ WIS				S							,	
ADDRESS: 295 NEGILMAN BUYD' STEZDI	perference									8270	-8270	982	□ IAI		Herb								
MANAGER: Jery 18040 ADDRESS: 295 NEGLEMEN BUD'STERD! 15 AQUAH MA MOZZ PHONE: 425 395 GOMG FAX: PO. #: 60701 E-MAIL: Jery 6 COMPANY: ESTATE & DON OLVE ATTENTION: RON OLVE	CONTRACTOR						4 8260			y EPA	by EPA	81/80	_ 		Pest 🗆								ON S
PHONE: 425 395 6046 FAX:					260	8260	by EP/	(ee.)		q spu	(PAH)	PA 80	Pir]e	,						RS	TIQN
PO. #: 60701 E-MAIL: 38716 Bepi-Walcon	1				EPA-8260	/ EPA	spur	M (wai	(F)	mbon	arbons	by E	8-4		emi-V	12						AINE	8
COMPANY: ESTATE & DON OWNE				-		les by	nodwo	Seo SII	s) 097	ic Co	lydroca	္က	RCR/	ify)	A S	RCHIVE			-			ONT,	3000
ATTENTION: POR OWN &				1-802	A-802	Volat	nic C	EPA 8	EPA 8	Organ	natic F	sticide	J-5	(Spe	0	3				V Comment		JF C	Z
ADDRESS:	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021	MTBE by EPA-8021	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA	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)	rCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐	AR						NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
SAMPLE I.D. DATE TIME TYPE LAB#	NWT	NWTF	NWTE	BTEX	MTBE	Halog	Volati	EDB/	EDB /	Semi	Polycy	PCB	Metals	Metals	TCLP.	7						NUM	REC
1. CN300 5/21/B 1440 Hzv 70												χ										į	
2. BD-1 - SOIL 7/	3											X											CTANA CTANA CTANA
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Received By:															* Tu	rnaroun	d reques	t less t	han stan	dard may	incur F	lush Cl	harges



July 29, 2013

Mr. Jerry Boyd Environmental Partners, Inc. 295 NE Gilman Blvd., Suite 201 Issaquah, WA 98027

Dear Mr. Boyd,

On July 15th, 9 samples were received by our laboratory and assigned our laboratory project number EV13070077. The project was identified as your Oline Storage Yard. 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



CLIENT: Environmental Partners, Inc. DATE:

7/29/2013 295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13070077

Issaquah, WA 98027 ALS SAMPLE#: -01

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 7/15/2013

CLIENT PROJECT: Oline Storage Yard **COLLECTION DATE:** 7/15/2013 8:15:00 AM

CH390:O WDOE ACCREDITATION: CLIENT SAMPLE ID C601

011000.0		WBOL	ACCITEDITATION	011. 000	<i>,</i> ,		
	DA	TA RESULTS					
METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	NALYSIS BY	
EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	1
EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	1
EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	1
EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	1
EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	1
EPA-8082	0.17	0.10	1	MG/KG	07/18/2013	LAP	:
EPA-8082	0.11	0.10	1	MG/KG	07/18/2013	LAP	:
EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	_ :
METHOD	%REC				DATE	ВҮ	
EPA-8082	67.0				07/18/2013	LAP	:
EPA-8082	66.0				07/18/2013	LAP	E
	EPA-8082 EPA-8082 EPA-8082 EPA-8082 EPA-8082 EPA-8082 EPA-8082 EPA-8082	METHOD RESULTS EPA-8082 U EPA-8082 O.11 EPA-8082 U EPA-8082 T EPA-	DATA RESULTS METHOD RESULTS REPORTING LIMITS EPA-8082 U 0.10 EPA-8082 0.17 0.10 EPA-8082 0.11 0.10 EPA-8082 U 0.10 METHOD %REC EPA-8082 67.0	DATA RESULTS REPORTING LIMITS FACTOR	REPORTING DILUTION FACTOR UNITS	REPORTING DILUTION ANALYSIS A	National National

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



CLIENT: Environmental Partners, Inc. DATE:

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13070077

lssaquah, WA 98027 ALS SAMPLE#: -02

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 7/15/2013

CLIENT PROJECT: Oline Storage Yard COLLECTION DATE: 7/15/2013 8:17:00 AM CLIENT SAMPLE ID CI370:O WDOE ACCREDITATION: C601

DATA RESULTS REPORTING DILUTION ANALYSIS ANALYSIS LIMITS **FACTOR** DATE BY **RESULTS METHOD** UNITS **ANALYTE** 0.10 07/18/2013 LAP PCB-1016 EPA-8082 U 1 MG/KG PCB-1221 EPA-8082 U 0.10 1 MG/KG 07/18/2013 LAP PCB-1232 EPA-8082 U 0.10 MG/KG 07/18/2013 LAP PCB-1242 EPA-8082 U MG/KG 07/18/2013 LAP 0.10 1 PCB-1248 EPA-8082 U 0.10 MG/KG 07/18/2013 LAP EPA-8082 PCB-1254 U 0.10 MG/KG 07/18/2013 LAP 1 PCB-1260 EPA-8082 U 0.10 1 MG/KG 07/18/2013 LAP PCB-1268 EPA-8082 U 0.10 1 MG/KG 07/18/2013 LAP ANALVOIC ANALVOIC

			ANALYSIS ANALYSIS	
SURROGATE	METHOD	%REC	DATE BY	
TCMX	EPA-8082	56.0	07/18/2013 LAP	
DCB	EPA-8082	59.0	07/18/2013 LAP	

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

7/29/2013



CLIENT: Environmental Partners, Inc. DATE: 7/29/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13070077

Issaquah, WA 98027 ALS SAMPLE#: -03

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 7/15/2013

CLIENT PROJECT: Oline Storage Yard **COLLECTION DATE:** 7/15/2013 8:20:00 AM **CLIENT SAMPLE ID** CI380:O WDOE ACCREDITATION: C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	NALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1254	EPA-8082	0.17	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
						ANALYSIS A	NALYSIS	
SURROGATE	METHOD	%REC				DATE	BY	
TCMX	EPA-8082	62.0				07/18/2013	LAP	
DCB	EPA-8082	64.0				07/18/2013	LAP	

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



CLIENT: Environmental Partners, Inc. DATE: 7/29/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13070077

Issaquah, WA 98027 ALS SAMPLE#: -05

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 7/15/2013 Oline Storage Yard **CLIENT PROJECT: COLLECTION DATE:**

CLIENT SAMPLE ID CM300:C WDOE ACCREDITATION: C601

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	NALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	_
						ANALYSIS A		
SURROGATE	METHOD	%REC				DATE	BY	
TCMX	EPA-8082	76.0				07/18/2013	LAP	
DCB	EPA-8082	70.0				07/18/2013	LAP	

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

7/15/2013 8:35:00 AM



CLIENT: Environmental Partners, Inc. DATE: 7/29/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13070077

Issaquah, WA 98027 ALS SAMPLE#: -07

Jerry Boyd CLIENT CONTACT: DATE RECEIVED: 7/15/2013

CLIENT PROJECT: Oline Storage Yard **COLLECTION DATE:** 7/15/2013 8:45:00 AM **CLIENT SAMPLE ID** CN290:C WDOE ACCREDITATION: C601

77.0

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	NALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
						ANALYSIS A		
SURROGATE	METHOD	%REC				DATE	BY	
TCMX	EPA-8082	74.0				07/18/2013	LAP	

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

EPA-8082

DCB

07/18/2013

LAP



Environmental Partners, Inc. CLIENT: DATE: 7/29/2013

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13070077

Issaquah, WA 98027 ALS SAMPLE#: -08

Jerry Boyd CLIENT CONTACT: DATE RECEIVED: 7/15/2013

CLIENT PROJECT: Oline Storage Yard **COLLECTION DATE:** 7/15/2013 8:50:00 AM **CLIENT SAMPLE ID** CO280:C WDOE ACCREDITATION: C601

104

		DA	TA RESULTS					
ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS A	NALYSIS BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	_
						ANALYSIS A		
SURROGATE	METHOD	%REC				DATE	BY	
TCMX	FPA-8082	94.0				07/18/2013	LAP	

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

EPA-8082

DCB

07/18/2013

LAP



CLIENT: Environmental Partners, Inc. DATE:

295 NE Gilman Blvd., Suite 201 ALS JOB#: EV13070077

lssaquah, WA 98027 ALS SAMPLE#: -09

CLIENT CONTACT: Jerry Boyd DATE RECEIVED: 7/15/2013

CLIENT PROJECT: Oline Storage Yard COLLECTION DATE: 7/15/2013 8:55:00 AM

CLIENT SAMPLE ID CP280:C WDOE ACCREDITATION: C601

			REPORTING	DILUTION		ANALYSIS A	NALYSIS	
ANALYTE	METHOD	RESULTS	LIMITS	FACTOR	UNITS	DATE	BY	
PCB-1016	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1221	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1232	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1242	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1248	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1254	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1260	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
PCB-1268	EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	

			ANALYSIS ANALYSIS
SURROGATE	METHOD	%REC	DATE BY
TCMX	EPA-8082	80.0	07/18/2013 LAP
DCB	EPA-8082	92.0	07/18/2013 LAP

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

7/29/2013



CLIENT: Environmental Partners, Inc. DATE:

295 NE Gilman Blvd., Suite 201 ALS SDG#: EV13070077

Issaquah, WA 98027 WDOE ACCREDITATION: C601

CLIENT CONTACT: Jerry Boyd

Oline Storage Yard **CLIENT PROJECT:**

LABORATORY BLANK RESULTS

MBLK-7182013 - Batch R82109 - Soil by EPA-8082

		REPORTING	DILUTION		ANALYSIS A	NALYSIS	
METHOD	RESULTS	LIMITS	FACTOR	UNITS	DATE	BY	
EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
EPA-8082	U	0.10	1	MG/KG	07/18/2013	LAP	
	EPA-8082 EPA-8082 EPA-8082 EPA-8082 EPA-8082 EPA-8082	EPA-8082 U	EPA-8082 U 0.10	METHOD RESULTS LIMITS FACTOR EPA-8082 U 0.10 1 EPA-8082 U 0.10 1	METHOD RESULTS LIMITS FACTOR UNITS EPA-8082 U 0.10 1 MG/KG EPA-8082 U 0.10 1 MG/KG	METHOD RESULTS LIMITS FACTOR UNITS DATE EPA-8082 U 0.10 1 MG/KG 07/18/2013 EPA-8082 U 0.10 1 MG/KG 07/18/2013	METHOD RESULTS LIMITS FACTOR UNITS DATE BY EPA-8082 U 0.10 1 MG/KG 07/18/2013 LAP EPA-8082 U 0.10 1 MG/KG 07/18/2013 LAP

ALS Laboratory Group A Campbell Brothers Limited Company

7/29/2013



CLIENT: Environmental Partners, Inc.

295 NE Gilman Blvd., Suite 201 ALS SDG#:

Issaquah, WA 98027

WDOE ACCREDITATION: C601

DATE:

7/29/2013

EV13070077

CLIENT CONTACT: Jerry Boyd

Oline Storage Yard **CLIENT PROJECT:**

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: R82109 - Soil by EPA-8082

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS Date	ANALYSIS BY	
PCB-1016 - BS	EPA-8082	98.0			07/18/2013	LAP	
PCB-1016 - BSD	EPA-8082	82.0	18		07/18/2013	LAP	
PCB-1260 - BS	EPA-8082	103			07/18/2013	LAP	
PCB-1260 - BSD	EPA-8082	86.0	18		07/18/2013	LAP	

APPROVED BY

Laboratory Director

ALS

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)

EV13070077

PROJECT IN OLINE STO	PARTUR	200			AN	ALYS	SIS	REQ	UES	STE)							1	,	OTHER (Speci	fy)	
PROJECT ID: OLINE STO REPORT TO COMPANY: ENVIRONME PROJECT MANAGER: JERRY BOY ADDRESS: Z95 NE G 155 AQUA PHONE: 425 395 0040 P.O. #: 60 701 INVOICE TO COMPANY: ESTATE OF ATTENTION: RON OLINA ADDRESS:	IL MAN IL MAN IE FAX: I E-MAIL: J IF DON O	9802= 9802=	57EZOL 1-	/	D. 4-8021 4-8021 4-8021 □ EPA-8260 □ Volatiles by EPA 8260 nic Compounds by EPA 8260 nic Compounds by EPA 8260 EPA 8260 (soil) Organic Compounds by EPA 8270 A-5 □ RCRA-8 □ Pri Pol □ TAL □ (Specify) □ VOA□ Semi-Vol □ Pest □ Herbs □ ↓ 1 VE FOR POTENT: ANAL			NUMBER OF CONTAINERS RECEIVED IN GOOD CONDITION?														
SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWT	NWTPH-DX	NWTPH-GX	BTEX	MTBE	Halog	Volati	EDB/	EDB/	Semi	Polycy	8	Metal	Metal	TCLP.	Œ.		N S
1. CH 390:0	7.15.13	0815	SOIL	1												X						
2. CI 370: O		0817	1	2		ļ,										X						Ĭ
3. CI 380:0		0820	1	3												X						1
4. CM 290:C		0830	CONCRETE	4																X		1
5. CM 300:C		0835	1	5				E								X						1
6. CM310: C		0840		6																X		Ì
7. CN 290 : C		0845		7												X						1
8. CO 280 : C		0850		8											1.1	X						1
9. CP 280:C	V	0855	V	9												X						1
																				7 4 4 4		

5	SIGNATURES (Name_Company, Date, Time):		
1.	1. Relinquished By:	7-15-13	
	Received By:	ALS 715-13	1:30
2.	2. Relinquished By:		
	Received By:		

rgani	c, Meta	als & In	norga	nic An	alysis	OTHER:	
10	5	3	2	1	SAME DAY	Specify:	
Fu	els & H	ydroc	arbon	Analy	sis		
	5	3	1	SAME		_	